

Перечень библиографических описаний документов,
подготовленных РНЦ ИНИС
и переданных в Международную систему INIS
(*International Atomic Energy Agency IAEA-INIS*)
в 2015 году

Часть 1

Составители:
Е.Е. Гудкова
Т.А. Демкина
Н.А. Калачева
Н.Л. Маврина
А.И. Саликов
В.П. Чуркин

International Atomic Energy Agency



Top Countries

 USA	21.2%
 Russian Federation	8.3%
 India	5.9%
 United Kingdom	5.2%
 Egypt	3.8%

Top Ranks

 Egypt	11 968
 United Kingdom	32 909
 Russian Federation	36 312
 USA	38 630
 India	71 933

Polymer composites based on polystyrene and nanoparticles of silicon dioxide
S77

Alekseeva, O.V.; Shikhanova, I.V.; Bagrovskaya, N.A.; Noskov, A.V.; Agafonov, A.V.
(*Uchrezhdenie Rossijskoj Akademii Nauk Inst. Khimii Rastvorov RAN, Ivanovo (RU)*), e-mail:
ova@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Polimernye kompozity na osnove polistirola i nanochastits dioksida kremniya

p. 165

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy докладов

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; SILICON OXIDES; POLYSTYRENE; COMPOSITE MATERIALS; PRECURSOR; SOL-GEL PROCESS; DOPED MATERIALS; THIN FILMS

Study of complex formation in the boric acid-complexones-water systems
S37

Tolkacheva, L.N.; Nikol'skij, V.M. (Tverskoj Gosudarstvennyj Univ., Tver' (RU)), e-mail:
Varlamova.l@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Issledovanie protsessov kompleksobrazovaniya v sistemakh bornaya kislota - komplekson - voda

p. 169-170

(RU)

7 refs., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

BORIC ACID; SUCCINIC ACID; BORON HYDROXIDES; LIGANDS; CHEMICAL COMPOSITION; CHEMICAL REACTORS; BORON COMPLEXES; PH VALUE

Thermodynamic parameters of viscous flow for estimation of ion-solvent interactions in the system Et₄NBF₄-propylene carbonate

S37

Chekunova, M.D. (Ivanovskij Gosudarstvennyj Arkhitekturno-Stroitel'nyj Univ., Ivanovo (RU)), e-mail: marchekunova@mail.ru; Tyunina, E.Yu.; Afanas'ev, V.N. (Inst. Khimii Rastvorov RAN, Ivanovo (RU))

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Termodinamicheskie parametry vyazkogo techeniya dlya otsenki vzaimodejstij ion-rastvoritel' v sisteme Et₄NBF₄-propilenkarbonat

p. 170-171

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)
Inst. Khimii Rastvorov RAN
2011
248 p.

ELECTROLYTES; SOLVATION; BORATES; QUATERNARY AMMONIUM
COMPOUNDS; ACTIVATION ENERGY; FLUORINE COMPOUNDS; CHEMICAL
COMPOSITION; TEMPERATURE RANGE 0273-0400 K

Study of aggregation in aqueous polyethylene glycol solutions under ionizing radiation effect

S38

Seliverstova, A.A.; Madonov, P.G.; Chernyak, E.I.; Morozov, S.V. (Sibirskij Tsentr Farmakologii i Biotekhnologii, Novosibirsk (RU); Novosibirskij Inst. Organicheskoy Khimii im. N.N. Vorozhtsova Sibirskogo Otdeleniya RAN, Novosibirsk (RU)), e-mail: chernyak329@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Issledovanie agregatsii poliehtilenglikolej v vodnykh rastvorakh pod vozdejstviem ioniziruyushchego izlucheniya

p. 174-175

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

POLYETHYLENE GLYCOLS; AQUEOUS SOLUTIONS; MOLECULAR WEIGHT;
LITHIUM NITRATES; DOSE RATES; COVALENCE; CHEMICAL RADIATION EFFECTS;
AGGLOMERATION

Structural features of ion-molecular systems in binuclear complexes of vanadium (IV)

S37

Prokapchuk, V.S.; Nikandrov, E.M.; Ruzanov, D.O.; Belyaev, A.N. (Sankt-Peterburgskij Gosudarstvennyj Tekhnologicheskij Inst. (Tekhnicheskij Univ.), Sankt-Peterburg (RU)), e-mail: anbelyaev@gmail.com

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Strukturnye osobennosti ion-molekulyarnykh sistem v biyadernykh kompleksakh vanadiya (IV) p. 176

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

VANADIUM COMPLEXES; CHEMICAL COMPOSITION; MONOCLINIC LATTICES; LATTICE PARAMETERS; MONOCRYSTALS; MOLECULAR STRUCTURE; MOLECULES; PH VALUE; COVALENCE

Luminescent complexes of fluorinated heterocyclic β -diketones with lanthanides in aqueous solutions

S37

Kostryukova, T.S.; Vasil'ev, N.V. (GOU VPO Moskovskij Gosudarstvennyj Oblastnoj Univ., Moscow (RU); GNTs FGUP Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Biologicheskogo Priborostroeniya, Moscow (RU)); Sverdlova, N.D. (GOU VPO Moskovskij Gosudarstvennyj Oblastnoj Univ., Moscow (RU)); Ivanovskaya, N.P.; Osin, N.S. (GNTs FGUP Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Biologicheskogo Priborostroeniya, Moscow (RU))

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Lyuminestsiruyushchie komplekсы ftorirovannykh geterotsiklicheskich β -diketonov s

lantanoidami v vodnykh rastvorakh

p. 181-182

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

EUROPIUM COMPLEXES; KETONES; FLUORESCENCE; MICELLAR SYSTEMS; CHEMICAL COMPOSITION; ORGANIC FLUORINE COMPOUNDS; HETEROCYCLIC COMPOUNDS

Multifunctional magnetic fluids

S77

Ramazanova, A.G.; Korolev, V.V.; Yashkova, V.I.; Balmasova, O.V. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: agr@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Mnogofunktsional'nye magnitnye zhidkosti

p. 183-184

(RU)

4 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

LIQUIDS; MAGNETIC MATERIALS; NANOSTRUCTURES; COLLOIDS; SURFACTANTS;
MAGNETITE; TEMPERATURE RANGE 0273-0400 K; TEMPERATURE RANGE 0400-1000
K

Complex formation in electrodeposition processes of nickel alloys from oxalate-ammonium electrolytes

S37

Shekhanov, R.F.; Gridchin, S.N. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: ruslanfelix@yandex.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Rol' kompleksobrazovaniya v protsessakh ehlektroosazhdeniya nikel'soderzhashchikh splavov iz oksalatno-ammonijnykh ehlektrolitov

p. 184-185

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NICKEL BASE ALLOYS; ELECTRODEPOSITION; COBALT ALLOYS; IRON ALLOYS;
ZINC ALLOYS; OXALATES; AMMONIUM COMPOUNDS; EQUILIBRIUM;
COMPLEXES; ELECTROLYTES

Using the phase separation in solutions of nonionic surfactants in wastewater treatment processes

S37;S54

Gorbunov, A.Yu. (Ehngel'sskij Tekhnologicheskij Inst. (Filial) Saratovskogo Gosudartvennogo Tekhnicheskogo Univ., Ehngel's (RU)), e-mail: gorbunov-a@inbox.ru; Yastrebova, N.I. (Saratovskij Gosudarstvennyj Agrarnyj Univ., Saratov (RU))

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Ispol'zovanie fazovogo razdeleniya v rastvorakh neionogennykh PAV v protsessakh ochistki stochnykh vod

p. 185-186

(RU)

1 ref.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

WASTE WATER; INDUSTRIAL WASTES; PURIFICATION; SURFACTANTS; SOLVENT EXTRACTION; MICELLAR SYSTEMS; TEMPERATURE RANGE 0273-0400 K; CHEMICAL COMPOSITION

Sol-gel synthesis for forming of mesostructured materials based on alumina using different templates

S77

Esergepova, I.A. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU));

Agafonov, A.V.; Vinogradov, V.V. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail:

xtnism@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Zol'-gel' sintez dlya formirovaniya mezostrukturirovannykh materialov na osnove oksida alyuminiya s ispol'zovaniem razlichnykh templatov

p. 188

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

ALUMINIUM OXIDES; SOL-GEL PROCESS; NANOSTRUCTURES; SYNTHESIS; CALCINATION; PRECURSOR; POROUS MATERIALS

Physical properties of COANP-C_7_0: solutions, thin films

S77

Likhomanova, S.V. (FGUP Nauchno-Proizvodstvennaya Korporatsiya Gosudarstvennyj Opticheskij Inst. imeni S.I. Vavilova, Sankt-Peterburg (RU); Sankt-Peterburgskij Gosudarstvennyj Univ. Informatsionnykh Tekhnologij, Mekhaniki i Optiki, Sankt-Peterburg (RU)), e-mail: lsv-87@bk.ru; Kamanina, N.V. (FGUP Nauchno-Proizvodstvennaya Korporatsiya Gosudarstvennyj Opticheskij Inst. imeni S.I. Vavilova, Sankt-Peterburg (RU); Sankt-Peterburgskij Gosudarstvennyj Univ. Informatsionnykh Tekhnologij, Mekhaniki i Optiki, Sankt-Peterburg (RU); Sankt-Peterburgskij Gosudarstvennyj Ehlektrotekhnicheskij Univ. LEhTI, Sankt-Peterburg (RU))

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Fizicheskie svoystva sistemy COANP-C_7_0: rastvory, tonkie plenki

p. 189-190

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)
Inst. Khimii Rastvorov RAN
2011
248 p.

FULLERENES; CARBON NANOTUBES; THIN FILMS; OPTICAL PROPERTIES;
ABSORPTION; NONLINEAR PROBLEMS; TRANSMISSION

Controlling the properties of hybrid materials based on dioxide titanium by varying synthesis conditions

S77

Gerasimova, T.V.; Vinogradov, A.V.; Agafonov, A.V. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: t_v_gerassimova@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Upravlenie svojstvami gibridnykh materialov na osnove dioksida titana putem var'irovaniya uslovij sinteza

p. 191

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

TITANIUM OXIDES; NANOSTRUCTURES; SYNTHESIS; SOL-GEL PROCESS;
AQUEOUS SOLUTIONS; ORGANIC SOLVENTS; MORPHOLOGY; ALCOHOLS

Magnetocaloric effect and the heat capacity of magnetic colloids

S77

Korolev, D.V.; Korolev, V.V.; Zakharov, A.G.; Ramazanova, A.G.; Yashkova, V.I. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: dvk@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Magnitokaloricheskiy ehffekt i teploemkost' magnitnykh kolloidov

p. 191-192

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; LIQUIDS; MAGNETIC MATERIALS; TEMPERATURE RANGE 0273-0400 K; SPECIFIC HEAT; MAGNETIC FIELDS; SUSPENSIONS

Boron fluoride complexes of 2,2'-dipyrrolylmethene: mechanisms of formation, spectral and photophysical characteristics

S37

Marfin, Yu.S.; Rumyantsev, E.V. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: marfin@isuct.ru; Antina, E.V. (Inst. Khimii Rastvorov RAN, Ivanovo (RU))

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Borftoridnye komplekсы 2,2'-dipirrolilmetena: mekhanizmy obrazovaniya, spektral'nye i fotofizicheskie kharakteristiki

p. 192-193

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

BORON COMPLEXES; PYRROLES; ORGANIC BORON COMPOUNDS; MOLECULAR STRUCTURE; LIGANDS; BORON FLUORIDES; CHEMICAL COMPOSITION; SOLVATION

Liquid-phase methods of obtaining functional nanomaterials

S77

Agafonov, A.V.; Zakharov, A.G. (Inst. Khimii Rastvorov im. G.A. Krestova RAN, Ivanovo (RU)), e-mail: ava@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Zhidkofaznye metody polucheniya funktsional'nykh nanomaterialov

p. 193

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; SOL-GEL PROCESS; FERROELECTRIC MATERIALS; SYNTHESIS; PERMITTIVITY; LIQUIDS; POROUS MATERIALS

Kerma alpha radiation of radon in water-lecithin mixtures and self-organization processes

S38

Zajtsev, V.V.; Pol'skij, O.G.; Shakin, D.Yu. (GUP Moskovskoe Nauchno-Proizvodstvennoe Ob''edinenie Radon, Moscow (RU)); Zajtseva, N.B. (Zakrytoe Aktsionernoe Obschestvo im.

N.A. Semashko, Moscow (RU), e-mail: mocconfere@rambler.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Kerma al'fa-izlucheniya radona v smesyakh voda-letsitin i protsessy samoorganizatsii
p. 193-194

(RU)

1 ref.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

KERMA; ALPHA PARTICLES; RADON; CHEMICAL RADIATION EFFECTS; AQUEOUS SOLUTIONS; LECITHINS; TEXTURE

Palladium-containing carboxylated carbon nanofibers as catalyst for hydrogenation of nitro compounds

S77

Osipov, N.N.; Magdalinova, N.A.; Vaganov, V.V.; Klyuev, M.V. (Ivanovskij Gosudarstvennyj Univ., Ivanovo (RU)), e-mail: nicolay-00@yandex.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Palladijsoderzhashchie karboksilirovannye uglerodnye nanovolokna kak katalizator gidrirovaniya nitrosoedinenij

p. 194

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I.

Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; CARBON FIBERS; CARBOXYLIC ACID SALTS; PALLADIUM COMPOUNDS; SYNTHESIS; PYROLYSIS; CATALYSTS; DIAMONDS

Supercritical fluid technologies - contemporary aspect applied use chemistry of solutions

S77

Valyashko, V.M. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Obshchej i Neorganicheskoy Khimii im. N.S. Kurnakova, Moscow (RU)), e-mail: Valyashko@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Sverkhkriticheskie flyuidnye tekhnologii - sovremennyy aspekt prikladnogo ispol'zovaniya khimii rastvorov

p. 195

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

SUPERCritical STATE; FLUIDS; APPROPRIATE TECHNOLOGY; USES; NANOSTRUCTURES; SOLUTIONS

Complexation of lanthanides in organic solvents of different polarity

S37

Varnavskaya, O.A.; Zybina, E.V.; Tashkinova, D.V.; Smagin, V.P. (Altajskij Gosudarstvennyj Univ., Barnaul (RU)), e-mail: smaginV@yandex.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Kompleksoobrazovanie lantanoidov v organicheskikh rastvoritelyakh razlichnoj polyarnosti p. 197

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

RARE EARTH COMPLEXES; ORGANIC SOLVENTS; LIGANDS; SOLVATION; BIPYRIDINES; ENTHALPY; ENTROPY; CHEMICAL PREPARATION

Blue shift in the IR spectra incorporated into synthetic polymer membranes of 1-butyl-3-methylimidazolium ionic liquids

S37

Ramenskaya, L.M.; Kraeva, O.V. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: lmr@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Sinij sdvig v IK-spektrakh inkorporirovannykh v sinteticheskie polimernye membrany ionnykh zhidkостей 1-butyl-3-metilimidazoliya

p. 198

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

INFRARED SPECTRA; MOLTEN SALTS; IMIDAZOLES; POLYPROPYLENE;
POLYESTERS; PVC; ACETATES; IMIDES; ORGANIC SULFUR COMPOUNDS;
CHEMICAL COMPOSITION; CHEMICAL BONDS; IONIC CONDUCTIVITY

Intermolecular interactions of ionic liquids based on 1-butyl-3-methylimidazolium immobilized by polyacrylonitrile-CO-methyl acrylate, and polyethylene glycol

S37

Ramenskaya, L.M.; Kraeva, O.V.; Grishina, E.P. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: lmr@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Mezhmolekulyarnye vzaimodejstviya immobilizovannykh poliakrilonitril-CO-metilakrilatom i poliehtilenglikolem ionnykh zhidkostej na osnove 1-butyl-3-metilimidazoliya

p. 198-199

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

MOLTEN SALTS; IMIDAZOLES; NITRILES; ACRYLATES; POLYETHYLENE GLYCOLS; CHEMICAL BONDS; MOLECULES; CHEMICAL COMPOSITION; IONIC CONDUCTIVITY

Investigation of electron energy distribution in self-organized HTSC ceramics 1-2-3 composition

S36

Gnatyuk-Danil'chuk, L.P. (Sankt-Peterburgskij Gosudarstvennyj Ehlektrotekhnicheskij Univ., Sankt-Peterburg (RU)), e-mail: Lyudmila.gnatyukdanilchuk44@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Issledovanie raspredeleniya ehlektronov po ehnergiyam samoorganizovavshejsya VTSP keramiki sostava 1-2-3

p. 200

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

CERAMICS; HIGH-TC SUPERCONDUCTORS; ELECTRONIC STRUCTURE; ENERGY LEVELS; ELECTRON PAIRS; ENERGY SPECTRA

Nanophases of water in gels and dispersions of carbon nanomaterials

S77

Avramenko, N.V.; Korobov, M.V.; Ivanova, N.I.; Parfenova, A.M.; Senyavin, V.M.; Belyaeva, L.A. (Khimicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail: natali@td.chem.msu.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Nanofaza vody v gelyakh i dispersiyakh uglerodnykh nanomaterialov

p. 202

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

DIAMONDS; GELS; FULLERENES; CALORIMETRY; NANOSTRUCTURES; HEAVY WATER

Magnetocaloric effect and heat capacity of lanthanum manganites

S37

Korolev, D.V.; Korolev, V.V.; Yashkova, V.I. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: dvk@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Magnitokaloricheskiy ehffekt i teploemkost' manganitov lantana

p. 203

(RU)

1 ref.

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya

zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

MAGNETIC MATERIALS; LANTHANUM COMPOUNDS; MANGANESE COMPOUNDS;
OXYGEN COMPOUNDS; GADOLINIUM COMPOUNDS; STRONTIUM COMPOUNDS;
TEMPERATURE RANGE 0273-0400 K; SPECIFIC HEAT; ENTROPY; CHEMICAL
COMPOSITION

Application of solutions in the sol-gel synthesis of nanoporous materials: effect of pH on characteristics of silicon dioxide materials

S77

Aleshina, N.A.; Parfenyuk, E.V. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: sazuin@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Primenenie rastvorov v zol'-gel' sinteze nanoporistykh materialov: vliyanie pH sredy na kharakteristiki materialov dioksida kremniya

p. 205

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

SOL-GEL PROCESS; NANOSTRUCTURES; SYNTHESIS; POROUS MATERIALS; PH VALUE; SILICON OXIDES

Effect of pH-precipitation and temperature on the properties of zirconium hydroxide precipitated particles

S37

Morozova, L.V.; Panova, T.I.; Shilova, O.A. (Inst. Khimii Silikatov im. I.V. Grebenshchikova RAN, Sankt-Peterburg (RU)), e-mail: morozova_l_v@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Vliyanie velichiny pH-osazhdeniya i temperatury na svoystva osazhdennykh chastits gidroksida tsirkoniya

p. 205-206

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

ZIRCONIUM HYDROXIDES; PH VALUE; NANOSTRUCTURES; PRECIPITATION; AGGLOMERATION; CRYSTALLIZATION; DISPERSIONS

Solvating non-aqueous solvents based on monoatomic aliphatic alcohols in solvometallurgy of titanium rare metal raw materials

S37

Kopkova, E.K.; Shchelokova, E.A.; Muzhdabaeva, M.A.; Gromov, P.B. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Khimii i Tekhnologii Redkikh Ehlementov i Mineral'nogo Syr'ya im. I.V. Tananaeva Kol'skogo Nauchnogo Tsentra RAN, Apatity (RU)), e-mail:

kopkova@chemistry.kolasc.net.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Sol'vatiruyushchie nevodnye rastvoriteli na osnove odnoatomnykh alifaticheskikh spirtov v sol'vometallurgii titanoredkometall'nogo syr'ya

p. 214-215

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NONAQUEOUS SOLVENTS; ALCOHOLS; TITANIUM COMPOUNDS; RARE EARTH COMPOUNDS; PEROVSKITES; SOLVATION; CHEMICAL COMPOSITION

Development of technology for bioprotected nanocomposites of flax plants

S77

Dymnikova, N.S.; Galashina, V.N. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: nsd@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Razrabotka tekhnologii polucheniya biozashchishchennykh nanokompozitov l'na

p. 217

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; CELLULOSE; COPPER; FIBERS; APPROPRIATE TECHNOLOGY; REINFORCED MATERIALS; COMPOSITE MATERIALS

Application of complexing compounds at preparation of metals nanocomposites **S77**

Erokhina, E.V. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: nsd@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Primenenie kompleksoobrazuyushchikh soedinenij pri poluchenii nanokompozitov metallov
p. 217-218

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; SYNTHESIS; COMPOSITE MATERIALS; REINFORCED PLASTICS; COPPER COMPLEXES; COPPER

Using a solution of polydimethylboronzircon siloxane in triethoxysilane as a curing system for organic silicon compositions **S37**

Neelova, O.V. (Severo-Osetinskij Gosudarstvennyj Univ. im. K.L. Khetagurova, Vladikavkaz (RU)), e-mail: o.neelova2011@yandex.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Primenenie rastvora polidimetilbortsirkonsiloksana v triehtoksisilane v kachestve otverzhdayushchej sistemy dlya kremnijorganicheskikh kompozitsij

p. 225

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

ZIRCONIUM COMPOUNDS; CHEMICAL COMPOSITION; CURING; BORON

COMPOUNDS; SILANES; SILASTIC; USES; REINFORCED PLASTICS; SOLUTIONS

Thermodynamic properties of holmium (III) hydroxycomplexes

S37

Dzhevaga, N.V.; Lobacheva, O.L.; Chirkst, D.Eh. (Sankt-Peterburgskij Gosudarstvennyj Gornyj Univ., Sankt-Peterburg (RU)), e-mail: dzhevaga331@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Issledovanie termodinamicheskikh svoystv gidroksokompleksov gol'miya (III)

p. 229

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovskiy readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

HOLMIUM COMPLEXES; HOLMIUM HYDROXIDES; FORMATION FREE ENTHALPY; POTENTIOMETRY; AQUEOUS SOLUTIONS; PH VALUE; HOLMIUM NITRATES

New supramolecular molybdenum(V) (hydroxy)oxo(5,10,15,20-tetraphenylporphine) complexes

S37

Motorina, E.V.; Lomova, T.N. (Inst. Khimii Rastvorov Rossijskoj Akademii Nauk, Ivanovo (RU)), e-mail: teu@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Novye supramolekulyarnye komplekсы (gidrokso)okso(5,10,15,20-tertrafenilporfinato)molibdena(V)

p. 229-230

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

MOLYBDENUM COMPLEXES; PORPHYRINS; CHEMICAL COMPOSITION; HYDROXY COMPOUNDS; TUNGSTEN COMPLEXES; COMPARATIVE EVALUATIONS; CHEMICAL REACTIONS; MOLECULES

Binary ionic liquids bromide 1-butyl-3-methylimidazolium - silver bromide (copper bromide). Applications in electroplating

S37

Grishina, E.P.; Pimenova, A.M.; Kudryakova, N.O.; Ramenskaya, L.M. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: epg@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh

i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)
Binarnye ionnye zhidkosti bromid 1-butyl-3-metilimidazoliya - bromid serebra (bromid medi).
Vozmozhnosti primeneniya v gal'vanotekhnike
p. 230-231
(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU);
Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I.
Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI
Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems
(Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh
i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya
zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov
ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

MOLTEN SALTS; SUBSTRATES; COPPER BROMIDES; SILVER BROMIDES;
IMIDAZOLES; ELECTROPLATING; ELECTRIC CONDUCTIVITY; NANOSTRUCTURES

Investigation into thermodynamic stability of mono- and binuclear platinum (II) coordination compounds with halides and pseudohalide ligands

S37

*Salishcheva, O.V.; Moldagulova, N.E. (Kemerovskij Tekhnologicheskij Inst. Pishchevoj
Promyshlennosti, Kemerovo (RU)), e-mail: platina@kemtipp.ru*

**XI International conference Problems of solvation and complex formation in solutions, and
VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase
systems (Krestovsky readings)**

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh
i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya
zhidkofaznykh sistem (Krestovskie chteniya)

Issledovanie termodinamicheskoy ustojchivosti mono- i biyadernykh koordinatsionnykh
soedinenij platiny (II) s galogenidnymi i psevdogalogenidnymi ligandami

p. 231

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU);
Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I.
Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI
Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems
(Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh
i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya
zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

PLATINUM IODIDES; LIGANDS; PLATINUM COMPLEXES; CHEMICAL COMPOSITION; LTE; CHEMICAL PREPARATION; AQUEOUS SOLUTIONS; CHEMICAL BONDS

Features of dispersion formation in epoxy system oligomer-organic solvent

S36

Rozhkova, E.P.; Venediktov, E.A.; Nikolaev, P.V.; Kojfman, O.I. (Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: eav@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Osobennosti obrazovaniya dispersij v sisteme ehpoksidnyj oligomer - organicheskij rastvoritel' p. 236-237

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

DISPERSIONS; EPOXIDES; GELATION; NANOSTRUCTURES; ORGANIC SOLVENTS; HYDROLYSIS

Formation of silver nanoparticles in DMFA and in the mixed DMFA-epoxy oligomer binary system

S77

Rozhkova, E.P.; Venediktov, E.A.; Padokhin, V.A.; Kojfman, O.I. (Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: eav@isc-ras.ru

XI International conference Problems of solvation and complex formation in solutions, and

VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Osobennosti obrazovaniya nanochastits serebra v DMFA i v smeshannoj binarnoj sisteme DMFA - ehpoksidnyj oligomer

p. 237

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; SILVER NITRATES; AMIDES; EPOXIDES; SYNTHESIS; BINARY MIXTURES; INCLUSIONS

Status in solution. Protolytic and complexing properties of the preparation

Pirafen

S37

Boos, G.A.; Sal'nikov, Yu.I.; Neklyudov, V.V. (Kazanskij (Privolzhszkij) Federal'nyj Univ., Kazan' (RU)), e-mail: Galina.Boos@ksu.ru; Fattakhov, S.G.; Shulaeva, M.M. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Organicheskoy i Fizicheskoy Khimii im. A.E. Arbutova Kazanskogo Nauchnogo Tsentra RAN, Kazan' (RU))

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Sostoyanie v rastvore. Protoliticheskie i kompleksobrazuyushchie svoystva preparata pirafen

p. 237-238

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I.

Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

LANTHANUM COMPLEXES; PYRIMIDINES; AMINES; CHEMICAL COMPOSITION; PH VALUE; AQUEOUS SOLUTIONS; CHEMICAL REACTIONS; ABSORPTION SPECTRA

Studying catalytic properties of platinum- and palladium-containing nanodiamonds

S77

Kalmykov, P.A.; Magdalinova, N.A.; Klyuev, M.V. (Ivanovskij Gosudarstvennyj Univ., Ivanovo (RU)), e-mail: pasha198907rex@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Izuchenie kataliticheskikh svojstv platinu- i palladijsoderzhashchikh nanoalmazov

p. 238-239

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

NANOSTRUCTURES; CRYSTAL STRUCTURE; DIAMONDS; CATALYSTS; PLATINUM; PALLADIUM

Electrochemical behavior of aluminum foil in the ionic liquid - hexafluorophosphate 1-butyl-3-methylimidazolium

S37

Pimenova, A.M.; Grishina, E.P.; Borzova, E.V.; Kudryakova, N.O. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: ampim@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Ehlektrokhimicheskoe povedenie alyuminievoj fol'gi v ionnoj zhidkosti - geksatorfosfate 1-butyl-3-metilimidazoliya

p. 239

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

MOLTEN SALTS; SOLID ELECTROLYTES; ALUMINIUM; FOILS; IMIDAZOLES; VOLTAMETRY; OXIDATION

Impedance investigations into corrosion behavior of aluminum foil with high surface area in the ionic liquid - hexafluorophosphate of 1-butyl-3-methylimidazolium

S36

Pimenova, A.M.; Grishina, E.P.; Borzova, E.V.; Kudryakova, N.O. (Inst. Khimii Rastvorov RAN, Ivanovo (RU)), e-mail: ampim@mail.ru

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings)

Ivanovo (RU)

10-14 Oct 2011

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya)

Impedansnye issledovaniya korrozionnogo povedeniya alyuminievoj fol'gi s vysokorazvitoj poverkhnost'yu v ionnoj zhidkosti - geksaftorfosfate 1-butil-3-metilimidazoliya
p. 239-240

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Inst. Khimii Rastvorov RAN, Ivanovo (RU); Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Rossijskoe Khimicheskoe Obschestvo im. D.I. Mendeleeva, Moscow (RU)

XI International conference Problems of solvation and complex formation in solutions, and VI Conference of young scientists Theoretical and experimental chemistry of liquid-phase systems (Krestovsky readings). Summary of reports

XI Mezhdunarodnaya konferentsiya Problemy sol'vatatsii i kompleksoobrazovaniya v rastvorakh i VI Konferentsiya molodykh uchenykh Teoreticheskaya i ehksperimental'naya khimiya zhidkofaznykh sistem (Krestovskie chteniya). Tezisy dokladov

ISBN 978-5-85229-405-0

Ivanovo (RU)

Inst. Khimii Rastvorov RAN

2011

248 p.

ELECTRIC IMPEDANCE; ALUMINIUM; FOILS; IMIDAZOLES; CHEMICAL COMPOSITION; CORROSION; SOLID ELECTROLYTES

Cluster states in the neutron excess nuclei

S73

Torilov, S.Yu.; Gridnev, K.A.; Korovitskaya, T.V. (Saint-Petersburg State Univ., Saint-Petersburg (RU)), E-mail: torilov@hotmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 178

(EN)

5 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRON-RICH ISOTOPES; OXYGEN ISOTOPES; NEON ISOTOPES; ARGON ISOTOPES; CALCIUM ISOTOPES; TITANIUM ISOTOPES; ROTATIONAL STATES; SQUARE-WELL POTENTIAL; BAND THEORY; LEVEL WIDTHS; PARITY; ELASTIC SCATTERING; ANGULAR DISTRIBUTION; ALPHA REACTIONS; THEORETICAL DATA

Manifestation of quark degrees of freedom in backward pd scattering

S73

Platonova, M.N.; Kukulín, V.I. (Skobeltsyn Inst. of Nuclear Physics, Lomonosov Moscow State Univ., Moscow (RU)), E-mail: platonova@nucl-th.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 179

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BACKSCATTERING; PROTON REACTIONS; DEUTERIUM TARGET; MOMENTUM TRANSFER; INTERACTION RANGE; BAG MODEL; QUARKS; NUCLEAR FORCES; DEGREES OF FREEDOM; WAVE FUNCTIONS; CROSS SECTIONS; THEORETICAL DATA

(d,p) reactions as a probe for neutron halo in excited states of nuclei

S73

Belyaeva, T.L. (Univ. Autonoma del Estado de Mexico, Mexico (MX)), E-mail: tbl@uaemex.mx; Demyanova, A.S.; Ogloblin, A.A. (NRC Kurchatov Inst., Moscow (RU)); Goncharov, S.A.

(Skobeltsyn Inst. of Moscow State Univ., Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 180

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

DEUTERON REACTIONS; CARBON 12 TARGET; CARBON 13; PROTONS; NUCLEAR HALOS; NUCLEAR RADII; SPECTROSCOPIC FACTORS; ANGULAR DISTRIBUTION; BERYLLIUM 11; BORON 12; EXCITED STATES; COUPLED CHANNEL THEORY; NUCLEAR REACTION KINETICS; HAUSER-FESHBACH THEORY; NEUTRON TRANSFER; MEV RANGE 01-10; DIAGRAMS; THEORETICAL DATA

The analysis of (t,p) reactions on ⁷Li, ⁹Li isotopes

S73

Galanina, L.I.; Zelenskaya, N.S. (*Lomonosov Moscow State Univ., Skobeltsyn Inst. of Nuclear Physics, Moscow (RU)*), E-mail: galan_lidiya@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 181

(EN)

4 refs., 2 figs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

TRITON REACTIONS; LITHIUM 7 TARGET; LITHIUM 9 TARGET; LITHIUM 9;

LITHIUM 11; DIFFERENTIAL CROSS SECTIONS; NEUTRON TRANSFER;

DINEUTRONS; ANGULAR DISTRIBUTION; DIAGRAMS; NUCLEAR REACTION

KINETICS; THEORETICAL DATA

Nuclear reactions at the Δ -isobar excitation region

S73

Ratis, Yu.L. (*Inst. of the Power Engineering for the Special Applications, Moscow (RU)*), E-mail: ratis@samtel.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 182

(EN)

2 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CHARGE-EXCHANGE REACTIONS; NUCLEAR REACTION KINETICS; PROTON

REACTIONS; HYDROGEN 1 TARGET; NEUTRONS; NEUTRON REACTIONS;

PROTONS; MEV RANGE 100-1000; GEV RANGE 01-10; N*BARYONS; O CODES; J CODES; D CODES; CROSS SECTIONS; ENERGY DEPENDENCE; ANGULAR DISTRIBUTION; INTERFERENCE; EXCITATION; DIAGRAMS; THEORETICAL DATA

Rescattering effects in proton elastic scattering from ^{15}N nucleus

S73

Ibraeva, E.T.; Krassovitskiy, P.M. (Inst. of Nuclear Physics NNC RK, Almaty (KZ)), E-mail: ibr@inp.kz; Imambekov, O. (Al-Farabi Kazakh National Univ., Almaty (KZ)); Koslovsky, A.L. (L.N. Gumilev Eurasian National Univ., Astana (KZ))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 183

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NITROGEN 15 TARGET; PROTON REACTIONS; ELASTIC SCATTERING; SCATTERING AMPLITUDES; RESCATTERING; NUCLEAR REACTION KINETICS; GLAUBER THEORY; DIFFERENTIAL CROSS SECTIONS; MEV RANGE 100-1000; ANGULAR DISTRIBUTION; THEORETICAL DATA

Ratio of the neutron asymptotical normalization coefficient to the proton's one for mirror nuclei ^{11}B and ^{11}C from analysis of direct reactions

S73

Artemov, S.V.; Nie, G.K.; Kayumov, M.A.; Zaparov, E.A. (Inst. of Nuclear Physics, Tashkent (UZ)), E-mail: galani@Uzsci.net

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 184

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

DEUTERON REACTIONS; BORON 10 TARGET; BORON 10; NEUTRONS; PROTONS; CARBON 11; TRITONS; HELIUM 3 REACTIONS; MIRROR NUCLEI; ANGULAR DISTRIBUTION; NUCLEAR POTENTIAL; OPTICAL MODELS; BOUND STATE; TRANSFER REACTIONS; DIRECT REACTIONS; THEORETICAL DATA

Hadron production in hadron-nucleus interactions at high energy

S73

Berdnikov, Ya.A.; Ivanov, A.E.; Kim, V.T.; Murzin, V.A. (Saint-Petersburg State Polytechnic Univ., Saint-Petersburg (RU)), E-mail: aleksey_x86@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 185

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

DEEP INELASTIC SCATTERING; LEPTON REACTIONS; HADRONS; PARTICLE PRODUCTION; MONTE CARLO METHOD; NUCLEI; TARGETS; QUARKS; NUCLEAR REACTION KINETICS; RESCATTERING; ENERGY LOSSES; SCATTERING LENGTHS; H CODES; THEORETICAL DATA

On the direct and semidirect radiative capture of neutrons by medium-heavy nuclei

S73

Tulupov, B.A. (Inst. for Nuclear Research, RAS, Moscow (RU)), E-mail: tulupov@cpc.inr.ac.ru;

Urin, M.H. (National Research Nuclear Univ. MEPhI, Moscow (RU)), E-mail:

urin@theor.mephi.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 186

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and

nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CAPTURE; NEUTRON REACTIONS; RANDOM PHASE APPROXIMATION; GIANT RESONANCE; ISOVECTORS; HEAVY NUCLEI; MAGIC NUCLEI; GAMMA RADIATION; MEAN-FIELD THEORY; SELF-CONSISTENT FIELD; CROSS SECTIONS; THEORETICAL DATA

Isotopic trends of capture cross section and mean-square angular momentum of captured system

S73

Kuzyakin, R.A.; Sargsyan, V.V.; Adamian, G.G.; Antonenko, N.V. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: kuzyakin@jinr.ru; Saperstein, E.E. (Kurchatov Inst., Moscow (RU)); Tolokonnikov, S.V. (Kurchatov Inst., Moscow (RU); Moscow Inst. of Physics and Technology, Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 187

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CAPTURE; LEAD 200 TARGET; LEAD 204 TARGET; LEAD 208 TARGET; ALPHA REACTIONS; OXYGEN 16 REACTIONS; CALCIUM 48 REACTIONS; SULFUR 36 REACTIONS; CROSS SECTIONS; ANGULAR MOMENTUM; COULOMB FIELD; DENSITY FUNCTIONAL METHOD; THEORETICAL DATA

P-odd asymmetries for products of spontaneous fission of oriented nuclei

S73

Kadmensky, S.G.; Titova, L.V. (Voronezh State Univ., Voronezh (RU)), E-mail: kadmensky@phys.vsu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 188

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SPONTANEOUS FISSION; FISSION FRAGMENTS; POLARIZED TARGETS; FERMIUM 257 TARGET; EINSTEINIUM 255 TARGET; PARITY; P INVARIANCE; ASYMMETRY; ASYMMETRY COEFFICIENTS; SYMMETRY BREAKING; ANGULAR DISTRIBUTION; Q-VALUE; THEORETICAL DATA

T-odd asymmetries for the reaction of ternary spontaneous fission of oriented nuclei

S73

Kadmensky, S.G.; Titova, L.V. (Voronezh State Univ., Voronezh (RU)), E-mail:

kadmensky@phys.vsu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 189

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SPONTANEOUS FISSION; TERNARY FISSION; FISSION FRAGMENTS; ASYMMETRY; ASYMMETRY COEFFICIENTS; ALPHA PARTICLES; POLARIZED TARGETS; FERMIUM 257 TARGET; EINSTEINIUM 255 TARGET; CORIOLIS FORCE; T INVARIANCE; SPIN; DENSITY MATRIX; THEORETICAL DATA

The P-odd asymmetries for the reactions of binary fission of oriented target-nuclei by cold polarized neutrons

S73

Kadmensky, S.G.; Titova, L.V. (Voronezh State Univ., Voronezh (RU)), E-mail:

kadmensky@phys.vsu.ru; Bunakov, V.E. (Saint-Petersburg Inst. of Nuclear Physics, Gatchina (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 190

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BINARY FISSION; POLARIZED TARGETS; POLARIZED BEAMS; COLD NEUTRONS; SPIN; DENSITY MATRIX; PARITY; P INVARIANCE; ASYMMETRY; ASYMMETRY COEFFICIENTS; DIFFERENTIAL CROSS SECTIONS; FISSION FRAGMENTS; ANALYTICAL SOLUTION; THEORETICAL DATA

Influence of the potential barrier height on the rate of the thermal decay of the metastable state

S73

Aktaev, N.E.; Gontchar, I.I. (Omsk State Transport Univ., Omsk (RU)), E-mail:

nurkenaktaev@gmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 191

(EN)

8 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

FISSION; FISSION BARRIER; EXCITED STATES; NUCLEAR REACTION KINETICS; NUCLEAR DECAY; ISOMERIC NUCLEI; THEORETICAL DATA

Effect of neutron transfer in fusion reactions with weakly bound nuclei at sub-barrier energy

S73

Rachkov, V.A.; Karpov, A.V.; Denikin, A.S.; Zagrebaev, V.I. (Flerov Lab. of Nuclear Reactions, JINR, Dubna (XJ)), E-mail: rachkov@jinr.ru; Adel, A. (Physics Dept., Faculty of Science, Cairo Univ., Giza (EG))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 192

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

LITHIUM 6 REACTIONS; LITHIUM 11 REACTIONS; LITHIUM 9 REACTIONS; LITHIUM 7 REACTIONS; HEAVY ION FUSION REACTIONS; NEUTRON TRANSFER; INCOMPLETE FUSION REACTIONS; COUPLED CHANNEL THEORY; NUCLEAR POTENTIAL; CROSS SECTIONS; ZINC 64 TARGET; LEAD 208 TARGET; LEAD 206 TARGET; SAMARIUM 152 TARGET; COLLIDING BEAMS; Q-VALUE; NEUTRON-RICH ISOTOPES; THEORETICAL DATA

Diffusion coefficients in heavy-ion reactions with deep inelastic nucleon transfer**S73**

Bunakov, V.E. (Saint-Petersburg State Univ., Saint-Petersburg (RU); Petersburg Nuclear Physics Inst., Gatchina (RU)), E-mail: bunakov@VB13190.spb.edu; Gindin, G.M. (Saint-Petersburg State Univ., Saint-Petersburg (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 193

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

DEEP INELASTIC HEAVY ION REACTIONS; FOKKER-PLANCK EQUATION; MASS TRANSFER; CHARGE TRANSPORT; COMPOUND-NUCLEUS REACTIONS;

EQUATIONS OF MOTION; ARGON 40 REACTIONS; THORIUM 232 TARGET; MEV RANGE 100-1000; ANGULAR DISTRIBUTION; TRANSFER REACTIONS; THEORETICAL DATA

Yields and angular and energy distributions of the light particles in true quaternary fission

S73

Kadmensky, S.G.; Titova, L.V. (Voronezh State Univ., Voronezh (RU)), E-mail: kadmensky@phys.vsu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 194

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

QUATERNARY FISSION; FISSION YIELD; ANGULAR DISTRIBUTION; ENERGY SPECTRA; ALPHA PARTICLES; TRITONS; URANIUM 234 TARGET; URANIUM 236 TARGET; CALIFORNIUM 252 TARGET; PROBABILITY; THEORETICAL DATA

Transition fission states for heated nuclei

S73

Kadmensky, S.G.; Kadmensky, S.S. (Voronezh State Univ., Voronezh (RU)), E-mail: kadmensky@phys.vsu.ru; Bunakov, V.E. (Saint-Petersburg Inst. of Nuclear Physics, Gatchina (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 195

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

FISSION; FISSION BARRIER; NUCLEAR REACTION KINETICS; EXCITATION;
SCISSION-POINT MODEL; VIBRATIONAL STATES; COLLECTIVE MODEL; NUCLEAR
DEFORMATION; FORMATION FREE ENTHALPY; NUCLEAR TEMPERATURE;
THEORETICAL DATA

Calculation scheme of heavy-ion collisions within the framework of a modified hydrodynamic approach

S73

D'yachenko, A.T. (Petersburg State Transport Univ., Saint-Petersburg (RU)), E-mail: dyachenko_a@mail.ru; Gridnev, K.A. (Saint-Petersburg State Univ., Saint-Petersburg (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 196

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

OXYGEN 16 REACTIONS; OXYGEN 16 TARGET; ION-ION COLLISIONS;
HYDRODYNAMIC MODEL; NUCLEAR MODELS; MEV RANGE 100-1000; SHOCK
WAVES; NUCLEAR REACTION KINETICS; NUCLEAR DEFORMATION;
THEORETICAL DATA

The relations between the differential cross sections for diffractive processes of halo-nucleus core stripping and nucleon stripping

S73

Pafomov, V.E.; Sergeev, V.A.; Zavarzina, V.P. (Inst. for Nuclear Research of the Russian Academy of Sciences, Moscow (RU)), E-mail: zavarzin@inr.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 197

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,

atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

STRIPPING; NUCLEAR HALOS; DIFFRACTION MODELS; TRANSVERSE MOMENTUM; DIFFERENTIAL CROSS SECTIONS; BERYLLIUM 11 REACTIONS; TARGETS; LIGHT NUCLEI; COMPARATIVE EVALUATIONS; THEORETICAL DATA

Calculation of transuranium elements yields under conditions of neutron pulse

S73

Lutostansky, Yu.S. (Russian Research Center Kurchatov Inst., Moscow (RU)); Lyashuk, V.I.

(Inst. of Nuclear Research, Russian Academy of Sciences, Moscow (RU)), E-mail:

lyashuk@itep.ru; Panov, I.V. (Inst. of Theoretical and Experimental Physics, Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 198

(EN)

5 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NUCLEOSYNTHESIS; TARGETS; BINARY MIXTURES; URANIUM 238; PLUTONIUM 239; TRANSURANIUM ELEMENTS; PULSES; NEUTRON REACTIONS; CAPTURE; BETA DECAY; NUCLEAR REACTION YIELD; STATISTICAL MODELS; HALF-LIFE; PROBABILITY; BETA-DELAYED NEUTRONS; NEUTRON-RICH ISOTOPES; NEUTRON FLUX; SIMULATION; THEORETICAL DATA

Cluster model of formation of subnuclear and subatomic objects

S72;S73

Lin, E.E. (Russian Federal Nuclear Center - All-Russia Research Inst. of Experimental Physics,

Sarov (RU)), E-mail: postmaster@ifv.vniief.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 199

(EN)

6 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NUCLEAR MATTER; QUARK MATTER; CLUSTER MODEL; SHELL MODELS; BAG MODEL; PROBABILITY DENSITY FUNCTIONS; SIZE; TRANSACTINIDE ELEMENTS; NUCLEOSYNTHESIS; DEEP INELASTIC HEAVY ION REACTIONS; SPONTANEOUS FISSION; U QUARKS; D QUARKS; TIME DEPENDENCE; THEORETICAL DATA

Effective range expansion and vertex constants for ${}^6\text{Li}$

S73

Blokhintsev, L.D.; Savin, D.A. (Skobeltsyn Inst. of Nuclear Physics, Lomonosov Moscow State Univ., Moscow (RU)), E-mail: blokh@srd.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 200

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

LITHIUM 6; HELIUM 4 TARGET; DEUTERON REACTIONS; GAMMA RADIATION; VERTEX FUNCTIONS; EFFECTIVE RANGE THEORY; SCATTERING; PHASE SHIFT; FADDEEV EQUATIONS; COUPLED CHANNEL THEORY; BINDING ENERGY; THEORETICAL DATA

Shell structure effects of nuclei in $p+{}^15\text{C}$ and $p+{}^15\text{N}$ scattering in diffraction theory

S73

Zhusupov, M.A. (Al-Farabi Kazakh National Univ., Almaty (KZ)); Ibraeva, E.T. (Inst. of Nuclear Physics NNC RK, Almaty (KZ)), E-mail: ibr@inp.kz; Koslovsky, A.L.; Prmantaeva, B.A.; Zhigalova, A.M. (L.N. Gumilev Eurasian National Univ., Astana (KZ))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 201

(EN)

1 ref.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PROTON REACTIONS; CARBON 15; NITROGEN 15 TARGET; ELASTIC SCATTERING; INELASTIC SCATTERING; GLAUBER THEORY; DIFFERENTIAL CROSS SECTIONS; GEV RANGE 01-10; WAVE FUNCTIONS; SHELL MODELS; GROUND STATES; EXCITED STATES; THEORETICAL DATA

Dynamic polarization of ${}^6\text{Li}$, ${}^7\text{Li}$ nuclei in α -particle elastic scattering **S73**

Kabatayeva, R.S. (Al-Farabi Kazakh National Univ., Almaty (KZ)), E-mail:

raushan19860722@mail.ru; Rubtsova, O.A.; Kukulin, V.I. (D.V. Skobeltsyn Scientific Research Inst. for Nuclear Physics, M.V. Lomonosov Moscow State Univ., Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 202

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ALPHA REACTIONS; LITHIUM 6 TARGET; ELASTIC SCATTERING; THREE-BODY PROBLEM; COUPLED CHANNEL THEORY; SPIN ORIENTATION; EXCITED STATES; CROSS SECTIONS; INVERSE SCATTERING PROBLEM; THEORETICAL DATA

Elastic scattering of neutrons on ${}^7\text{Li}$ nucleus at low energies

S73

Zhusupov, M.A.; Kabatayeva, R.S. (Al-Farabi Kazakh National Univ., Almaty (KZ)), E-mail:

raushan19860722@mail.ru; Ibraeva, E.T. (Inst. for Nuclear Physics, National Nuclear Center,

Almaty (KZ)); Sakhiyev, S.K. (L.N. Gumilyov Eurasian National Univ., Astana (KZ))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 203

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ELASTIC SCATTERING; LITHIUM 7 TARGET; NEUTRON REACTIONS; MEV RANGE 01-10; CLUSTER MODEL; CENTRAL POTENTIAL; L-S COUPLING; PHASE SHIFT; THEORETICAL DATA

Calculation of scattering length for nuclear three-body problem using hyper spherical basis expansion

S73

Kovalchuk, V.I. (Taras Shevchenko National Univ. of Kiev, Kiev (UA)), E-mail:

sabkiev@gmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 204

(EN)

7 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SCATTERING LENGTHS; SCATTERING; DEUTERIUM TARGET; ALPHA REACTIONS; THREE-BODY PROBLEM; S WAVES; PHASE SHIFT; MEV RANGE 01-10; ENERGY DEPENDENCE; DIAGRAMS; THEORETICAL DATA

Energy dependence of (P-A_y)spin observables in (p,p') scattering and knock-on

exchange treatment

S73

Plavko, A.V. (Saint-Petersburg State Polytechnic Univ., Saint-Petersburg (RU)); Onegin, M.S. (Petersburg Nuclear Physics Inst., Gatchina (RU)); Kudriashov, V.I. (Saint-Petersburg State Univ., Saint-Petersburg (RU)), E-mail: kudr@comita.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 205-206

(EN)

7 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SCATTERING; KNOCK-ON REACTIONS; PROTON REACTIONS; POLARIZED BEAMS; CARBON 12 TARGET; PROTONS; MEV RANGE 100-1000; ENERGY DEPENDENCE; EXCHANGE INTERACTIONS; SPIN; L-S COUPLING; CROSS SECTIONS; SPIN ORIENTATION; POLARIZATION-ASYMMETRY RATIO; DIAGRAMS; THEORETICAL DATA

Exchange approximations in the calculations of the (p,p') scattering using the DWBA 91 and LEA programs at energies near 100 MeV

S73

Plavko, A.V. (Saint-Petersburg State Polytechnic Univ., Saint-Petersburg (RU)); Onegin, M.S. (Petersburg Nuclear Physics Inst., Gatchina (RU)); Kudriashov, V.I. (Saint-Petersburg State Univ., Saint-Petersburg (RU)), E-mail: kudr@comita.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 207

(EN)

1 ref., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SCATTERING; PROTON REACTIONS; POLARIZED BEAMS; CARBON 12 TARGET;
PROTONS; SPIN ORIENTATION; POLARIZATION-ASYMMETRY RATIO;
DIFFERENTIAL CROSS SECTIONS; MEV RANGE 10-100; DWBA; D CODES; L CODES;
EXCHANGE INTERACTIONS; SPIN EXCHANGE; DIAGRAMS; THEORETICAL DATA

The influence of the elastic and inelastic cluster transfer on the elastic scattering of $^{16}\text{O} + ^{12}\text{C}$ and $^{16}\text{O} + ^{16}\text{O}$

S73

Gridnev, K.A.; Maltsev, N.A.; Leshakova, N.V. (Saint-Petersburg State Univ., Saint-Petersburg (RU)), E-mail: namaltsev@gmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 208

(EN)

2 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ELASTIC SCATTERING; CARBON 12 TARGET; OXYGEN 16 REACTIONS; OXYGEN 16;
CARBON 12; OXYGEN 16 TARGET; ALPHA-TRANSFER REACTIONS; MEV RANGE
100-1000; ANGULAR DISTRIBUTION; PICKUP REACTIONS; ANGULAR MOMENTUM;
DIAGRAMS; THEORETICAL DATA

Core exchange and $^{16}\text{O} + ^{12}\text{C}$ elastic scattering

S73

Fadeev, S.N.; Gridnev, K.A.; Maltsev, N.A. (St. Petersburg State Univ., Sankt-Petersburg (RU)), E-mail: fsn3@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 209

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ELASTIC SCATTERING; CARBON 12 TARGET; OXYGEN 16 REACTIONS; ALPHA-TRANSFER REACTIONS; NUCLEAR CORES; ANGULAR DISTRIBUTION; DWBA; WAVE FUNCTIONS; NONLOCAL POTENTIAL; WIGNER FORCE; SPECTROSCOPIC FACTORS; DIAGRAMS; THEORETICAL DATA

Few-nucleon transfers and weakly-dissipative processes in GRAZING-model of low-energy nuclear reactions

S73

Samarin, V.V. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: samarin@jinr.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 210

(EN)

5 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ZIRCONIUM 96 TARGET; CALCIUM 40 REACTIONS; MEV RANGE 100-1000; G CODES; CROSS SECTIONS; PICKUP REACTIONS; STRIPPING; MULTI-NUCLEON TRANSFER REACTIONS; ENERGY LOSSES; ENERGY-LEVEL DENSITY; DIAGRAMS; THEORETICAL DATA

Time-dependent quantum description of few nucleons transfers at nuclear reactions ${}^4_0\text{Ca} + {}^9_6\text{Zr}$, ${}^4_0\text{Ca} + {}^2_0^8\text{Pb}$

S73

Samarin, K.V. (Chuvash State Univ., Cheboksary (RU)), E-mail: ozjidoon@gmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 211

(EN)

2 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and

nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CALCIUM 40 REACTIONS; ZIRCONIUM 96 TARGET; LEAD 208 TARGET; PICKUP REACTIONS; STRIPPING; COULOMB FIELD; MULTI-NUCLEON TRANSFER REACTIONS; PROBABILITY; SCHROEDINGER EQUATION; NUCLEAR STRUCTURE; NUCLEAR PROPERTIES; NUCLEAR RADII; QUANTUM NUMBERS; DIAGRAMS; THEORETICAL DATA

MC estimation of DANSS sensitivity to to the neutrino oscillations

S46;S73

Fomina, M.V.; Zhitnikov, I.V.; Shitov, Yu.A. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: i.zhitnikov@gmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 212

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

RADIATION DETECTORS; NEUTRINO DETECTION; NEUTRINO OSCILLATION; ANTINEUTRINOS; MONTE CARLO METHOD; ENERGY RESOLUTION; PERFORMANCE TESTING; COMPUTERIZED SIMULATION; THEORETICAL DATA; EXPERIMENTAL DATA

Enhancement of dose field during radiative exposure of heterogeneous biological substance with nanoparticles

S62

Batkin, I.S. (Ottawa Univ., Ottawa (CA)); Dolgoplov, M.A.; Kopytin, I.V. (Voronezh State Univ., Voronezh (RU)), E-mail: i-kopytin@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 213

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

RADIOTHERAPY; SPATIAL DOSE DISTRIBUTIONS; ABSORBED RADIATION DOSES;
BIOLOGICAL RADIATION EFFECTS; BIOLOGICAL MODELS; HETEROGENEOUS
EFFECTS; NANOSTRUCTURES; IONIZING RADIATIONS; STATISTICAL MODELS;
SPATIAL DISTRIBUTION; MAGNETITE; SILVER; PLATINUM; RADIONUCLIDE
KINETICS; THEORETICAL DATA

Transformation of hard X-rays irradiation into characteristic irradiation in biological substance with heavy nanoparticles

S62

Batkin, I.S. (Ottawa Univ., Ottawa (CA)); Dolgopолоv, M.A.; Kopytin, I.V. (Voronezh State Univ., Voronezh (RU)), E-mail: i-kopytin@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 214

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BIOLOGICAL RADIATION EFFECTS; HARD X RADIATION; TISSUE CULTURES;
NANOSTRUCTURES; STATISTICAL MODELS; SIMULATION; SPATIAL
DISTRIBUTION; SPATIAL DOSE DISTRIBUTIONS; THICKNESS; ABSORBED
RADIATION DOSES; SILVER; PLATINUM; IRON; THEORETICAL DATA

Acoustic pressure temperature dependence of heavy charged particle radiation moving in condensed medium

S62

Almaliev, A.N.; Dolgopолоv, M.A.; Kopytin, I.V.; Lukin, P.V.; Churakova, T.A. (Voronezh State Univ., Voronezh (RU)), E-mail: lukin_pv@phys.vsu.ru; Batkin, I.S. (Ottawa Univ., Ottawa (CA))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 215

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BIOLOGICAL RADIATION EFFECTS; RADIOTHERAPY; PROTON BEAMS; RADIATION PRESSURE; SOUND WAVES; SPECIFIC HEAT; TEMPERATURE DEPENDENCE; MEV RANGE 100-1000; TISSUE-EQUIVALENT MATERIALS; WATER; SIMULATION; THEORETICAL DATA

Possible mechanism of absorbed radiation dose adjustment at proton radiation therapy

S62

Almaliev, A.N.; Dolgopолоv, M.A.; Kopytin, I.V.; Lukin, P.V.; Churakova, T.A. (Voronezh State Univ., Voronezh (RU)), E-mail: lukin_pv@phys.vsu.ru; Batkin, I.S. (Ottawa Univ., Ottawa (CA))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 216

(EN)

1 ref.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

RADIOTHERAPY; PROTON BEAMS; BIOLOGICAL RADIATION EFFECTS; ABSORBED RADIATION DOSES; TISSUE CULTURES; COLLIMATORS; ULTRASONIC WAVES; CALIBRATION; SIMULATION; THEORETICAL DATA

Influence of photonuclear reactions products on biological efficiency of photon at thin layers irradiation

S62

Belousov, A.V.; Osipov, A.S.; Chernyaev, A.P. (Lomonosov Moscow State Univ., Physics Dept., Moscow (RU)), E-mail: BelousovAV@physics.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 217

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BIOLOGICAL RADIATION EFFECTS; TISSUE CULTURES; PHOTONUCLEAR REACTIONS; PHOTONS; RBE; QUALITY FACTOR; THICKNESS; LAYERS; PROTONS; ENERGY DEPENDENCE; ABSORBED RADIATION DOSES; EQUIVALENT RADIATION DOSES; MATHEMATICAL MODELS; THEORETICAL DATA

Determination of kerma in biological tissue irradiated by neutron beam of WWR-SM reactor

S62

Abdullaeva, G.A.; Koblik, Yu.N.; Kulabdullaev, G.A.; Belasarov, K.; Saytjanov, Sh. (Inst. of Nuclear Physics UzAS, Tashkent (UZ)), E-mail: koblik@inp.uz

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 218

(EN)

6 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRON CAPTURE THERAPY; KERMA; EPITHERMAL NEUTRONS; TISSUE CULTURES; TISSUE-EQUIVALENT MATERIALS; NEUTRON FLUX; ENERGY DEPENDENCE; KEV RANGE 100-1000; MEV RANGE 01-10; DIAGRAMS; THEORETICAL DATA

Investigation and development of the suppression methods of the background in the LArGe low-background test facility for the GERDA experiment

S46

Lubashevskiy, A.V. (Max-Planck-Inst. fur Kernphysik, Heidelberg (DE); Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: alexey.lubashevskiy@mpi-hd.mpg.de

The GERDA Collaboration

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 219

(EN)

1 ref.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

HIGH-PURITY GE DETECTORS; LIQUID SCINTILLATION DETECTORS; ANTICOINCIDENCE; SIGNAL-TO-NOISE RATIO; ARGON 42; PULSE DISCRIMINATORS; CRYOSTATS; GAMMA DETECTION; MEV RANGE 01-10; EFFICIENCY; POTASSIUM 42; BETA DECAY; EXPERIMENTAL DATA

Radon in LSM underground laboratory

S46

Yakushev, E.A.; Brudanin, V.B.; Filosofov, D.V.; Lubashevskiy, A.V.; Rozov, S.V.; Semikh, S.S. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: yakushev@jinr.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 220

(EN)

4 refs., 1 tab.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

EMANOMETERS; RADON 222; SENSITIVITY; VENTILATION SYSTEMS; BQ RANGE 01-10; NATURAL RADIOACTIVITY; BACKGROUND RADIATION; EXPERIMENTAL DATA

**Nuclear reactions on Si and Al induced by cosmic protons and #alpha#-particles
S73;S46**

Chechenin, N.G.; Chuvilskaya, T.V.; Kadenskii, A.G.; Shirokova, A.A. (Lomonosov Moscow State Univ., Skobel'syn Inst. of Nuclear Physics, Moscow (RU)), E-mail: tatchuv@anna19.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 221

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SILICON 28 TARGET; PROTON REACTIONS; ALPHA REACTIONS; COSMIC PROTONS; COSMIC ALPHA PARTICLES; NEUTRONS; PROTONS; MEV RANGE 10-100; E CODES; T CODES; NUCLEAR FRAGMENTS; SPACE VEHICLES; PHYSICAL RADIATION EFFECTS; COMPUTERIZED SIMULATION; THEORETICAL DATA

**Radiation-technological processes based on low-energy radiation in production
of products with structure metal-oxide-semiconductor**

S75;S46

Gitlin, V.R. (Voronezh State Univ., Voronezh (RU)), E-mail: levinmn@gmail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 222

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

MOS TRANSISTORS; APPROPRIATE TECHNOLOGY; SOFT X RADIATION;
ULTRAVIOLET RADIATION; KEV RANGE 01-10; INTEGRATED CIRCUITS; PHYSICAL
RADIATION EFFECTS; QUALITY CONTROL; CRYSTAL DEFECTS; PERFORMANCE;
RELIABILITY

Mathematical simulation of radiation impact on nanostructures

S77

Voronina, E.N.; Novikov, L.S. (Skobeltsyn Inst. of Nuclear Physics, Lomonosov Moscow State Univ., Moscow (RU)), E-mail: novikov@sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 223

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CARBON NANOTUBES; PHYSICAL RADIATION EFFECTS; COSMIC RADIATION;
VACANCIES; ATOMIC DISPLACEMENTS; DENSITY FUNCTIONAL METHOD;
COMPUTERIZED SIMULATION; DIAGRAMS; THEORETICAL DATA

Simulation of a radiation shielding for the manned Mars mission

S62

Grishin, V.K. (Moscow State Univ., Moscow (RU)); Kuznetsov, A.A.; Stopani, K.A. (D.V. Skobeltsyn Inst. of Nuclear Physics, Moscow (RU)), E-mail: hatta@depni.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 224

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SPACE FLIGHT; RADIATION PROTECTION; COSMIC RADIATION; MARS PLANET; G
CODES; SUPERCONDUCTING MAGNETS; MAGNETIC FIELDS; BIOLOGICAL
SHIELDING; PHANTOMS; EQUIVALENT RADIATION DOSES; BIOLOGICAL
RADIATION EFFECTS; ABSORBED RADIATION DOSES; COMPUTERIZED
SIMULATION; DIAGRAMS; EFFICIENCY; THEORETICAL DATA

Photoactivation influence on catalytic characteristics of ZnO nanoparticles during conversion of methanol

S38

Dikiy, N.P.; Dovbnaya, A.N.; Medvedeva, E.P.; Medvedev, D.V.; Bakay, D.S.; Lyashko, Yu.V.; Uvarov, V.L. (NSC Kharkov Inst. Physics and Technology, Kharkov (UA)), E-mail: ndikiy@kipt.kharkov.ua; Fedorets, I.D.; Khlapova, N.P. (V.N. Karazin Kharkov National Univ., Kharkov (UA))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 225

(EN)

1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PHOTOCHEMICAL REACTIONS; BREMSSTRAHLUNG; METHANOL; ZINC OXIDES;
NANOSTRUCTURES; PHOTONUCLEAR REACTIONS; ZINC 66 TARGET; NEUTRONS;
ZINC 65; BETA DECAY; MEV RANGE 10-100; X-RAY DIFFRACTION; AUGER EFFECT;
RADICALS; CATALYSIS; CATALYSTS; METHANE; ABSORPTION SPECTRA;
EXPERIMENTAL DATA

Photonuclear method of Cu-67 manufacture for nuclear medicine

S07;S62

Dikiy, N.P.; Dovbnaya, A.N.; Dolzhek, M.A.; Lyashko, Yu.V.; Medvedeva, E.P.; Medvedev, D.V. (NSC Kharkov Inst. Physics and Technology, Kharkov (UA)), E-mail: ndikiy@kipt.kharkov.ua

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 226

(EN)

1 tab.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

COPPER 67; ISOTOPE SEPARATION; EFFICIENCY; PYRAZOLINES; ZINC SULFATES; SOLVENT EXTRACTION; CHLOROFORM; ORGANIC SOLVENTS; AQUEOUS SOLUTIONS; RADIOACTIVITY; EXPERIMENTAL DATA

Non Bogolubov confusing of swift charged particles in a crystal. Antichanneling S75

Kadmenskii, A.G. (FGUP Central Research Inst. of Mashine Building, Korolev, Moscow Region (RU)), E-mail: akadm@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 227

(EN)

5 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CHANNELING; CHARGED PARTICLES; CRYSTAL LATTICES; TRANSVERSE ENERGY; LATTICE VIBRATIONS; BBGKY EQUATION; OSCILLATION MODES; STOCHASTIC PROCESSES; THEORETICAL DATA

Research by method positron annihilation spectroscopy of condensed matter with own radiation

S77

Grafutin, V.I.; Ilyukhina, O.V.; Prokopev, E.P. (NRC Kurchatov Inst., FSBU SNC RF - ITEP, Moscow (RU)), E-mail: Eugene.prokopev@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 228

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NANOSTRUCTURES; CRYSTAL DEFECTS; PHYSICAL RADIATION EFFECTS; POSITRONS; ANNIHILATION; SPECTROSCOPY; MECHANICAL PROPERTIES; SIZE

Studying of supra-atomic structure of the reactor irradiation aluminium alloys by small-angle neutron scattering technique

S75

Lebedev, V.M.; Lebedev, V.T.; Orlov, S.P. (Petersburg Nuclear Physics Inst., Gatchina (RU)), E-mail: lebedev@pnpi.spb.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 229

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ALUMINIUM BASE ALLOYS; MAGNESIUM ALLOYS; SILICON ALLOYS; TERNARY ALLOY SYSTEMS; STRAIN AGING; PHYSICAL RADIATION EFFECTS; NEUTRON FLUENCE; FAST NEUTRONS; CRYSTAL DEFECTS; PORE STRUCTURE; SMALL ANGLE SCATTERING; EXPERIMENTAL DATA

New OTPC detector at the ACCULINNA separators

S46

Bezbakh, A.A.; Baraeva, S.A.; Fomichev, A.S. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: bezbakh@nrmil.jinr.ru (and others)

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 230

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

TIME PROJECTION CHAMBERS; CHARGED PARTICLE DETECTION; CHARGE-COUPLED DEVICES; PARTICLE TRACKS; PATTERN RECOGNITION; PHOTOMULTIPLIERS; PERFORMANCE

Detection of low-intensive gamma-neutron fluxes from static and dynamic multiplying systems by polystyrene-based scintillation detectors

S46

Sushko, A.A. (Russian Federal Nuclear Center - All-Russian Research Inst. of Experimental Physics, Sarov (RU)), E-mail: sushko@vniief.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 231

(EN)

2 figs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PLASTIC SCINTILLATION DETECTORS; POLYSTYRENE; MULTIPLICATION FACTORS; NEUTRON FLUX; GAMMA RADIATION; CALIBRATION; SCINTILLATIONS; DIAGRAMS; EXPERIMENTAL DATA

A neutrino detector at the BIRG pulsed reactor

S46

Sushko, A.A.; Babaikin, A.N.; Ivanin, I.A.; Yanovsky, V.N. (Russian Federal Nuclear Center - All-Russian Research Inst. of Experimental Physics, Sarov (RU)), E-mail: sushko@vniief.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 232

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRINO DETECTION; ANTINEUTRINOS; LIQUID SCINTILLATION DETECTORS; COINCIDENCE METHODS; PHOTOMULTIPLIERS; FEASIBILITY STUDIES

High efficiency HPGe #gamma#-spectrometer for the investigation of #beta##beta# decay to excited states

S46

Rukhadze, N.I.; Brudanin, V.B.; Kochetov, O.I. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: rukhadze@nusun.jinr.ru (and others)

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 233

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

HIGH-PURITY GE DETECTORS; EFFICIENCY; DOUBLE BETA DECAY; ENERGY RESOLUTION; CRYOSTATS; SENSITIVITY; GAMMA SPECTROMETERS; BACKGROUND RADIATION; SHIELDING; SHIELDING MATERIALS; LEAD; EXPERIMENTAL DATA

Using of pixel detectors in investigations of EC/EC decay

S46

Rukhadze, N.I.; Brudanin, V.B.; Rozov, S.V. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: rukhadze@nusun.jinr.ru (and others)

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 234

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

GAMMA SPECTROMETERS; SI SEMICONDUCTOR DETECTORS; ELECTRON CAPTURE DECAY; SIGNAL-TO-NOISE RATIO; PARTICLE IDENTIFICATION; TELESCOPE COUNTERS; COINCIDENCE METHODS; PERFORMANCE TESTING; FUNCTIONAL MODELS

Development of low energy threshold HPGe detectors in JINR

S46

Rozov, S.V.; Brudanin, V.B.; Filosofov, D.V.; Sandukovskiy, V.G.; Semikh, S.S.; Yakushev, E.A. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: rozovs@jinr.ru; Borowicz, D. (Joint Inst. for Nuclear Research, Dubna (XJ); Inst. of Nuclear Physics, Krakow (PL)); Gurov, Yu.B. (Joint Inst. for Nuclear Research, Dubna (XJ); National Research Nuclear Univ. (MEPhI), Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 235

(EN)

2 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

HIGH-PURITY GE DETECTORS; BORON ADDITIONS; ION IMPLANTATION; ELECTRIC CONTACTS; PREAMPLIFIERS; FIELD EFFECT TRANSISTORS; EV RANGE 100-1000; DIAGRAMS; PERFORMANCE

The neutron beam spectrometer based on scintillation detector with n-#gamma# pulse shape discrimination

S46

Konobeevski, E.S.; Mordovskoy, M.V.; Potashev, S.I.; Sharapov, I.M.; Zuyev, S.V. (Inst. for Nuclear Research of Russian Academy of Sciences, Moscow (RU)), E-mail: konobeev@inr.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 236

(EN)

1 ref., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRON SPECTROMETERS; LIQUID SCINTILLATION DETECTORS; PLASTIC SCINTILLATION DETECTORS; STILBENE; LIQUID SCINTILLATORS; GAMMA RADIATION; BACKGROUND RADIATION; PULSE DISCRIMINATORS; PULSE SHAPERS; MEV RANGE 10-100; PARTICLE DISCRIMINATION; SPECTRA; EXPERIMENTAL DATA

The setup for studying quasifree nn scattering in energy range of 20-60 MeV

S46

Burmistrov, Yu.M.; Konobeevski, E.S.; Mordovskoy, M.V.; Potashev, S.I.; Sharapov, I.M.; Zuyev, S.V. (Inst. for Nuclear Research of Russian Academy of Sciences, Moscow (RU)), E-mail: konobeev@inr.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 237

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

TIME-OF-FLIGHT SPECTROMETERS; LIQUID SCINTILLATION DETECTORS; HODOSCOPES; NEUTRON DETECTORS; QUASI-FREE REACTIONS; SCATTERING; NEUTRON REACTIONS; MEV RANGE 10-100; NEUTRON-NEUTRON INTERACTIONS;

NEUTRON BEAMS; DEUTERIUM TARGET; PROTONS; PROTON DETECTION;
NEUTRONS; ANGULAR DISTRIBUTION; EXPERIMENTAL DATA

Neutron detection using double-scattering method

S46

Verbitsky, S.S.; Tselebrovsky, A.N. (Inst. of Energy Problems of Chemical Physics, Moscow (RU)); Lapik, A.M.; Rusakov, A.V. (Inst. for Nuclear Research, Moscow (RU)), E-mail: rusakov@cpc.inr.ac.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 238

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRON DETECTION; POSITION SENSITIVE DETECTORS; LIQUID SCINTILLATION DETECTORS; FAST NEUTRONS; GAMMA DETECTION; PARTICLE DISCRIMINATION; SCATTERING; TIME-OF-FLIGHT METHOD; ENERGY RESOLUTION; SPATIAL RESOLUTION; PERFORMANCE TESTING; DATA PROCESSING; EXPERIMENTAL DATA

The neutron scattering installations complex for condensed matter research and nanodiagnostics based on the pulsed spallation neutron sources Radex and IN-06 at INR RAS

S75

Sadykov, R.A. (Inst. for Nuclear Research RAS, Moscow (RU); Inst. for High Pressure Physics, Troitsk, Moscow Region (RU)), E-mail: rsadykov@inr.ru; Alekseev, A.A.; Litvin, V.S. (Inst. for Nuclear Research RAS, Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 239

(EN)

2 figs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and

nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRON DIFFRACTION; CRYSTALLOGRAPHY; CRYSTAL STRUCTURE; NEUTRON SOURCES; LINEAR ACCELERATORS; SPECTRA; EXPERIMENTAL DATA

About generation of strongly directed coherent neutron radiation

S75

Skvortsov, V.A. (Moscow Inst. for Physics and Technology (State Univ.), Moscow (RU)), E-mail: skv@mail.mipt.ru; Vogel, N.I. (Univ. of Technology, Chemnitz (DE))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 240

(EN)

1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NEUTRON BEAMS; BEAM PRODUCTION; NEUTRON SOURCES; COHERENT RADIATION; TANTALUM 181 TARGET; NEODYMIUM LASERS; LASER-RADIATION HEATING; NEUTRON DIFFRACTION; CRYSTAL STRUCTURE; SILICON; INTERFERENCE; DIAGRAMS; EXPERIMENTAL DATA

Physics of nuclear activation of metallic targets by laser radiation

S70;S75

Skvortsov, V.A. (Moscow Inst. for Physics and Technology (State Univ.), Moscow (RU)), E-mail: skv@mail.mipt.ru; Vogel, N.I. (Univ. of Technology, Chemnitz (DE))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 241

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and

nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

LASER-PRODUCED PLASMA; TARGETS; ALUMINIUM;
MAGNETOHYDRODYNAMICS; MATHEMATICAL MODELS; FOKKER-PLANCK
EQUATION; ENERGY SPECTRA; ELECTRIC FIELDS; MAGNETIC FIELDS; SPATIAL
DISTRIBUTION; EXPLOSIVE INSTABILITY; IONS; RADIOACTIVATION; DIAGRAMS;
THEORETICAL DATA

Powerful antineutrino source on the base of accelerator and lithium converter **S43**

Lutostansky, Yu.S. (Russian Research Center Kurchatov Inst., Moscow (RU)); Lyashuk, V.I. (Inst. of Nuclear Research Russian Academy of Sciences, Moscow (RU)), E-mail: lyashuk@itep.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 242

(EN)

5 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PARTICLE SOURCES; ANTINEUTRINOS; NEUTRON REACTIONS; LITHIUM 7
TARGET; LITHIUM 8; ACCELERATORS; PARTICLE BOOSTERS; HEAVY WATER;
NEUTRON SOURCES; EFFICIENCY; FEASIBILITY STUDIES

The dual-energy method in X-ray CT

S36

Spirin, D.O.; Berdnikov, Ya.A. (Saint-Petersburg State Polytechnical Univ., Saint-Petersburg (RU)), E-mail: dspirin@phmf.spbstu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 243

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)
LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

COMPUTERIZED TOMOGRAPHY; X-RAY RADIOGRAPHY; IMAGE PROCESSING;
FUZZY LOGIC; PATTERN RECOGNITION; ATOMIC NUMBER; DENSITY; DIAGRAMS;
KEV RANGE 10-100; KEV RANGE 100-1000; ALUMINIUM; TITANIUM; IRON;
EXPERIMENTAL DATA

The stand for test VLSI in the field, modelling radiating fields in space vehicles S46

*Anokhin, M.V.; Galkin, V.I. (Skobeltsyn Inst. of Nuclear Physics MSU, Moscow (RU)), E-mail:
anokhin@skbkp.tarusa.ru; Dubov, A.E. (SKB Kosmicheskogo Priborostroenia ISR RAN, Tarusa,
Kaluzhskaya Obl. (RU))*

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 244

(EN)

10 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);
Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics,
atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and
nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BENCH-SCALE EXPERIMENTS; TEST FACILITIES; SPACE VEHICLES; PHYSICAL
RADIATION EFFECTS; COSMIC RADIATION; MICROSTRUCTURE; CRYSTAL
STRUCTURE; PARTICLE TRACKS; RESPONSE FUNCTIONS; SIMULATION

Self-recombination and Δ -phonon exchange in STJ X-ray detectors S46;S75

*Andrianov, V.A. (Skobeltsyn Inst. of Nuclear Physics, Lomonosov Moscow State Univ., Moscow
(RU)), E-mail: andrva22@mail.ru; Gorkov, V.P. (Faculty of Computational Mathematics and
Cybernetics, Lomonosov Moscow State Univ., Moscow (RU))*

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 245

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SUPERCONDUCTING DEVICES; TUNNEL EFFECT; SUPERCONDUCTING JUNCTIONS; X-RAY SPECTROSCOPY; RADIATION DETECTORS; ENERGY RESOLUTION; RECOMBINATION; SUPERCONDUCTING COMPOSITES; TITANIUM; NIOBIUM; NIOBIUM NITRIDES; TWO-DIMENSIONAL CALCULATIONS; PHONONS; RESPONSE FUNCTIONS; THEORETICAL DATA

" ^{18}F production in the " $^{19}\text{F}(\gamma, n)$ reaction

S07

Belyshev, S.S.; Kurilik, A.S. (Faculty of Physics, M.V. Lomonosov Moscow State Univ., Moscow (RU)), E-mail: belyshev@depni.sinp.msu.ru; Dzhilavyan, L.Z. (Inst. for Nuclear Research of the Russian Academy of Sciences, Moscow (RU)); Ermakov, A.N.; Khankin, V.V.; Kuznetsov, A.A.; Shvedunov, V.I.; Stopani, K.A. (Skobeltsyn Inst. of Nuclear Physics, Moscow State Univ., Moscow (RU)); Ishkhanov, B.S. (Faculty of Physics, M.V. Lomonosov Moscow State Univ., Moscow (RU)); Skobeltsyn Inst. of Nuclear Physics, Moscow State Univ., Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 246

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

ISOTOPE PRODUCTION; FLUORINE 18; PHOTONUCLEAR REACTIONS; NEUTRONS; FLUORINE 19 TARGET; POSITRON COMPUTED TOMOGRAPHY; RACETRACK MICROTRONS; BREMSSTRAHLUNG; POLYTETRAFLUOROETHYLENE; MEV RANGE 10-100; RADIOACTIVITY; EXPERIMENTAL DATA

Measurement of the atomic number by means of electron accelerators

S07

Ermakov, A.N.; Stopani, K.A. (Lomonosov Moscow State Univ., Skobeltsyn Inst. of Nuclear Physics, Moscow (RU)); Kurilik, A.S. (Lomonosov Moscow State Univ., Skobeltsyn Inst. of Nuclear Physics, Moscow (RU)); Faculty of Physics, M.V. Lomonosov Moscow State Univ., Moscow (RU)), E-mail: kurilik@depni.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 247

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NONDESTRUCTIVE ANALYSIS; CARGO; INSPECTION; ELECTRON BEAMS;

BREMSSTRAHLUNG; ATOMIC NUMBER; CHEMICAL COMPOSITION;

QUANTITATIVE CHEMICAL ANALYSIS; COMPUTERIZED SIMULATION; G CODES;

SENSITIVITY; THEORETICAL DATA

Time correlation of the PMT noise impulse

S46

Morozov, V.A.; Morozova, N.V. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: vmorozov@nusun.jinr.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 248

(EN)

1 ref., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PHOTOMULTIPLIERS; CORRELATIONS; COINCIDENCE SPECTROMETRY;

BACKGROUND NOISE; SIGNAL-TO-NOISE RATIO; DIAGRAMS; EXPERIMENTAL

DATA

Possible development of a problem of physics, chemistry and technology of antimatter for projects of spaceships

S72;S75

Prokopen, E.P. (Research Center Kurchatov Inst., Federal Official Body of the State Research Center of Russian Federation - Inst. of Theoretical and Experimental Physics (FGBU SSC RF - ITEP), Moscow (RU)), E-mail: eugene.prokopen@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 249

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

COSMIC POSITRONS; SOLAR ENERGY; SOLAR ENERGY CONVERSION; TRAPS; ANTIMATTER; SPACE; SPACE VEHICLES; NANOSTRUCTURES; FEASIBILITY STUDIES

TDPAC spectrometer for the study of hyperfine interactions in a condensed matter at low temperatures and high pressures

S75

Salamatin, A.V.; Velichkov, A.I.; Trofimov, V.N.; Karaivanov, D.V. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: salamatina.alex@mail.ru; Tsvyashchenko, A.V. (Vereshchagin Inst. for High Pressure Physics, Troitsk (RU)); Skobieltyn Inst. of Nuclear Physics, MSU, Moscow (RU)); Budzynski, M. (Inst. of Physics, M. Curie-Sklodowska Univ., Lublin (PL)); Salamatin, D.A.; Fedorov, A.V.; Fomicheva, L.N. (Vereshchagin Inst. for High Pressure Physics, Troitsk (RU)); Ryasny, G.K. (Skobieltyn Inst. of Nuclear Physics, MSU, Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 250

(EN)

2 refs., 2 figs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

SPECTROMETERS; DIFFERENTIAL PAC; TIME DEPENDENCE; HYPERFINE STRUCTURE; CRYOSTATS; TEMPERATURE RANGE 0000-0013 K; TEMPERATURE RANGE 0013-0065 K; TEMPERATURE RANGE 0065-0273 K; TEMPERATURE RANGE 0273-0400 K; PRESSURE RANGE GIGA PA; LAVES PHASES; INTERMETALLIC COMPOUNDS; GADOLINIUM COMPOUNDS; COBALT COMPOUNDS; MAGNETIC FIELDS; ZIRCONIUM COMPOUNDS; ZINC COMPOUNDS; M2-TRANSITIONS; SPECTRA; EXPERIMENTAL DATA

On the theory of nuclear forces, elementary particles and unlimited energy cumulation

S70

Skvortsov, V.A. (Moscow Inst. for Physics and Technology (State Univ.), Moscow (RU)), E-mail: sva@gol.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 251

(EN)

4 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

LASER IMPLOSIONS; ALUMINIUM; TARGETS; ARGON; MAGNETIC FIELDS; INDUCTION; SPATIAL DISTRIBUTION; ION TEMPERATURE; MAXWELL EQUATIONS; NUCLEAR FORCES; MESONS; DIAGRAMS; MAGNETIC FLUX; THEORETICAL DATA

Converters for Moessbauer resonance detectors

S75

Vakhtel, V.M.; Khoviv, A.M.; Kannykin, S.V.; Rabortkin, V.A.; Kharin, A.N. (Voronezh State Univ., Voronezh (RU)), E-mail: vakhtel@phys.vsu.ru; Serbin, O.V. (LLC Inst. of Modern Engineering, Voronezh (RU)); Rosnovskiy, S.V. (Novovoronezh Nuclear Power Plant, Novovoronezh (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 252

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

MOESSBAUER EFFECT; MOESSBAUER SPECTROMETERS; PROPORTIONAL COUNTERS; THIN FILMS; ALUMINIUM ALLOYS; IRON ALLOYS; SILICON; SPUTTERING; HEAT TREATMENTS; TEMPERATURE RANGE 0400-1000 K; RESONANCE ABSORPTION; EXPERIMENTAL DATA

Collective optical Bremsstrahlung generated narrow beam of gamma quanta

S75

Valiev, F.F. (St.Petersburg State Univ., Saint-Petersburg (RU)), E-mail:

valiev@hiex.phys.spbu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 253

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

BREMSSTRAHLUNG; VISIBLE RADIATION; GASES; LIQUIDS; GAMMA RADIATION; TRANSMISSION; ENERGY SPECTRA; SPATIAL DISTRIBUTION; ELECTRONS; SIMULATION; THEORETICAL DATA

X-ray sensitivity of iron-doped CdIn₂S₄ single crystals

S75

Mustafaeva, S.N.; Guseinov, D.T. (Inst. of Physics, National Academy of Sciences of Azerbaijan, Baku (AZ)), E-mail: solmust@gmail.com; Asadov, M.M. (Inst. of Chemical Problems, National Academy of Sciences of Azerbaijan, Baku (AZ))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 254

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CADMIUM SULFIDES; INDIUM SULFIDES; IRON ADDITIONS; MONOCRYSTALS; X-RAY DETECTION; SENSITIVITY; CRYSTAL GROWTH; KEV RANGE 10-100; DOSE RATES; PERFORMANCE TESTING; EXPERIMENTAL DATA

Radiation current transfer in metal-dielectric-semiconductor structures

S75

Levin, M.N.; Tatarintsev, A.S. (Voronezh State Univ., Voronezh (RU)), E-mail: levinmn@gmail.ru; Maslovskiy, V.M. (FSUE NIIFP named after F.V. Lukin, Zelenograd, Moscow (RU))

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 255

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ); Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU) LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

MOS TRANSISTORS; CARRIER MOBILITY; X RADIATION; ULTRAVIOLET RADIATION; ELECTRIC CONDUCTIVITY; KEV RANGE 10-100; RADIATION DOSES; ANNEALING; TEMPERATURE RANGE 0400-1000 K; SPATIAL DISTRIBUTION; CHARGE CARRIERS; THEORETICAL DATA

Edge effects in MOS-structure under the action of the low-energy radiation exposure

S75

Levin, M.N.; Gitlin, V.R.; Tatarintsev, A.V. (Voronezh State Univ., Voronezh (RU)), E-mail: levinmn@gmail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 256

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

MOSFET; ELECTRIC CONDUCTIVITY; TWO-DIMENSIONAL CALCULATIONS;
PHYSICAL RADIATION EFFECTS; CHARGE CARRIERS; SURFACE POTENTIAL;
ELECTRON BEAMS; THEORETICAL DATA

Radioecological measurements i Leningrad region

S21

Sergienko, V.A.; Zippa, A.I.; Danilenko, V.A. (Saint Petersburg State Univ., Saint-Petersburg (RU)), E-mail: nucldep@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 257

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; RADIOECOLOGY;
RADIONUCLIDE MIGRATION; CESIUM 137; STRONTIUM 90; SOILS; GIGA BQ
RANGE; HIGH-PURITY GE DETECTORS; EXPERIMENTAL DATA

Investigation of element composition of the dust on the Globus-M tokamak

S70

Lebedev, V.M.; Smolin, V.A. (Petersburg Nuclear Physics Inst., Gatchina (RU)), E-mail: lebedev@pnpi.spb.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 258

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

GLOBUS-M SPHEROMAK; DUSTS; CHEMICAL COMPOSITION; WALL EFFECTS;
NUCLEAR REACTION ANALYSIS; BORON; CARBON; EXPERIMENTAL DATA

Decay schemes completeness and decay heat calculation problems

S73

Izosimov, I.N. (Joint Inst. for Nuclear Research, Dubna (XJ)), E-mail: izig@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 259

(EN)

3 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

GAMMA SPECTROSCOPY; ABSORPTION SPECTROSCOPY; AFTER-HEAT; FOUR-PI
COUNTING; BETA DECAY; GAMMA DECAY; FISSION PRODUCTS

Atomic nuclei ground and isomer states parameters database for science research and education

S73;S96

Varlamov, V.V.; Komarov, S.Yu.; Peskov, N.N.; Stepanov, M.E. (Skobeltsyn Inst. of Nuclear Physics of Lomonosov Moscow State Univ., Centre for Photonuclear Experiments Data, Moscow (RU)), E-mail: Varlamov@depni.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 260

(EN)

4 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NUCLEAR DATA COLLECTIONS; GROUND STATES; ISOMERIC NUCLEI; ISOMERIC TRANSITIONS; NUCLEAR STRUCTURE; NUCLEAR DECAY; DATA BASE MANAGEMENT; KNOWLEDGE BASE; EDUCATIONAL TOOLS

Nuclear Physics in Internet - the experience of using Internet technologies in education

S96;S73

Kabin, E. (Lomonosov Moscow State Univ., Skobeltsyn Inst. of Nuclear Physics, Moscow (RU);

Faculty of Physics, Lomonosov Moscow State Univ., Moscow (RU)), E-mail: ekabin@gmail.com

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 261

(EN)

1 ref.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NUCLEAR PHYSICS; EDUCATION; EDUCATIONAL TOOLS; INTERNET; KNOWLEDGE BASE; KNOWLEDGE MANAGEMENT

The educational abilities of MSU Nuclear Physics Institute and Nuclear Physics Department of Physics Faculty

S96;S73

Panasjuk, M.I.; Radchenko, V.V.; Shirokov, E.V. (Lomonosov Moscow State Univ., Skobeltsyn

Nuclear Physics Inst., Moscow (RU), E-mail: vrad@srd.sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 262

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

NUCLEAR PHYSICS; EDUCATION; EDUCATIONAL TOOLS; EDUCATIONAL FACILITIES; KNOWLEDGE BASE; COMPUTERIZED SIMULATION

Maximal fuel depletion depth evaluation for PWR

S21

Aleinikov, A.; Grigoriev, M. (Voronezh State Univ., Voronezh (RU)), E-mail: alein07@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 263

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PWR TYPE REACTORS; FUEL ASSEMBLIES; MIXED OXIDE FUELS; URANIUM DIOXIDE; URANIUM 235; PLUTONIUM 239; BURNUP; DEPTH; FUEL-CLADDING INTERACTIONS; COMPUTERIZED SIMULATION; SWELLING; EVALUATION; THEORETICAL DATA

Non-destructive hydrogen analysis by nuclear proton method backscattering spectrometry

S37;S08

Bespalova, O.V.; Borisov, A.M.; Vostrikov, V.G.; Romanovsky, E.A.; Tkachenko, N.V.

(Skobel'syn Inst. of Nuclear Physics, Lomonosov Moscow State Univ., Moscow (RU)), E-mail:

besp@sinp.msu.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 264

(EN)

1 ref.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

RADIATION SCATTERING ANALYSIS; BACKSCATTERING; RUTHERFORD BACKSCATTERING SPECTROSCOPY; ALUMINIUM HYDRIDES; MAGNESIUM HYDRIDES; TITANIUM HYDRIDES; HYDROGEN; CONCENTRATION RATIO; PROTON BEAMS; MEV RANGE 01-10; PROTON SPECTRA; TARGETS; PROTON REACTIONS; SOLID SOLUTIONS; CALIBRATION; ACCURACY; EXPERIMENTAL DATA

About the slow wave burning reactor

S22

Aleinikov, A.; Rubashkina, E. (Voronezh State Univ., Voronezh (RU)), E-mail: alein07@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 265

(EN)

2 refs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

REACTORS; BURNUP; NUCLEAR FUELS; URANIUM 238; PLUTONIUM 239; REACTOR CORES; NEUTRON SOURCES; WAVE PROPAGATION; FEASIBILITY STUDIES

Cermet fuel reactor core investigation

S21

Aleinikov, A.; Sementsov, S. (Voronezh State Univ., Voronezh (RU)), E-mail: alein07@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 266

(EN)

1 ref., 2 figs.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PWR TYPE REACTORS; FUEL ELEMENTS; NUCLEAR FUELS; URANIUM DIOXIDE; FUEL PARTICLES; CLADDING; MATRIX MATERIALS; ZIRCONIUM ALLOYS; SILICON ALLOYS; ALUMINIUM ALLOYS; CERMETS; FUEL ASSEMBLIES; BURNUP; DIAGRAMS; FEASIBILITY STUDIES

Search for Fukushima fallout in Peterhof

S21

Sergienko, V.A.; Zippa, A.I.; Myorzlaya, A.O.; Tchenmaryov, S.V. (Saint Petersburg State Univ., Saint-Petersburg (RU)), E-mail: nucldep@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 267

(EN)

3 refs., 1 fig.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

FUKUSHIMA-1 REACTOR; REACTOR ACCIDENTS; CESIUM 134; CESIUM 137; SURFACE CONTAMINATION; RADIOACTIVITY; SOILS; ISOTOPE RATIO; GAMMA SPECTRA; RADIOECOLOGY; HIGH-PURITY GE DETECTORS; BQ RANGE 01-10; EXPERIMENTAL DATA

Anticoincidence spectrometer for control of fuel rods in nuclear reactor

S22;S46

Baev, M.N. (Alexandrov Inst. of Technology, Sosnovyj Bor (RU)); Polyakov, Yu.G. (Research Center RADEK, Saint-Petersburg (RU)); Belov, S.A.; Sergienko, V.A. (Saint Petersburg State Univ., Saint-Petersburg (RU)), E-mail: nucldep@yandex.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 268

(EN)

1 tab.

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

IN CORE INSTRUMENTS; FUEL RODS; GAMMA SPECTROMETERS; COINCIDENCE SPECTROMETRY; COMPTON EFFECT; SENSITIVITY; ANALOG-TO-DIGITAL CONVERTERS; COINCIDENCE CIRCUITS; PERFORMANCE; MEV RANGE 01-10; ENERGY RESOLUTION; COUNTING RATES

The development of PWR reactors containment leaks detecting methods

S21

Aleinikov, A. (Voronezh State Univ., Voronezh (RU)); Skrinnik, N. (Novovoronezh Nuclear Power Plant, Novovoronezh (RU)), E-mail: alien07@mail.ru

LXII International conference NUCLEUS 2012

Voronezh (RU)

25-30 Jun 2012

p. 269

(EN)

Vlasnikov, A.K. (ed.)

Russian Academy of Sciences, Moscow (RU); Joint Inst. for Nuclear Research, Dubna (XJ);

Voronezh State Univ., Voronezh (RU); Saint-Petersburg State Univ., Saint-Petersburg (RU)

LXII International conference NUCLEUS 2012. Fundamental problems of nuclear physics, atomic power engineering and nuclear technologies (LXII Meeting on nuclear spectroscopy and nuclear structure). Book of abstracts

ISBN 978-5-98340-283-6

Sankt-Peterburg (RU)

SPbGU

2012

282 p.

PWR TYPE REACTORS; CONTAINMENT; REACTOR SAFETY; LEAK DETECTORS; LEAKS; COMPUTER CODES; MEASURING METHODS

**8-th International exhibition and conference Coatings and surface treatment.
Book of abstracts**

S36;S37;S54

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

(RU)

LEADING ABSTRACT; MEETINGS; SURFACE COATING; ENVIRONMENTAL EFFECTS; MECHANICAL PROPERTIES; CORROSION RESISTANCE

The collection contains abstracts, which concern economic, environmental and technological aspects of improving galvanic production and processing of surface to enhance the quality and competitiveness of manufactured products. The theses are also given materials of modern scientific, technological, experimental design and production developments in the field of wear-resistant, hard and corrosion-resistant coatings, and environmental problems of galvanic manufactures

Сборник содержит тезисы докладов, в которых рассматриваются экономические, экологические и технологические аспекты совершенствования гальванического производства и обработки поверхности, позволяющие повысить качество и конкурентоспособность выпускаемой продукции. В тезисах также приведены материалы современных научных, технологических, опытно-конструкторских и производственных разработок в области нанесения износостойких, твердых и коррозионностойких покрытий и экологических проблем гальванического производства

Replacement of nickel ions to magnesium ions in solutions of crystal phosphating S37

Abrashov, A.A.; Grigoryan, N.S.; Vagramyan, T.A. (RKhTU im. D.I. Mendeleeva, Moscow (RU)), e-mail: abraleksey@yandex.ru; Akimova, E.F. (OAO NII LKP s OMZ Viktoriya, Khot'kovo (RU))

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Zamena ionov nikelya na iony magniya v rastvorakh kristallicheskogo fosfatirovaniya

p. 4-5

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-

Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)
8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
PROTECTIVE COATINGS; NICKEL PHOSPHATES; MAGNESIUM PHOSPHATES; X-RAY FLUORESCENCE ANALYSIS; IONS; IONIC CRYSTALS; ABUNDANCE; CORROSION

Increase the strength of adhesion to steel surface of the protective composite coatings by adding metal fillers

S36

Antonova, N.M. (KI - F - GOU VPO YuRGTU (NPI), Kaminsk-Shakhtinskij (RU)), e-mail: melnik1@rambler.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Povyshenie prochnosti stsepleniya so stal'noj poverkhnost'yu zashchitnykh kompozitsionnykh pokrytij putem dobavleniya metallicheskih napolnitelej
p. 6-7

(RU)

5 refs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)
8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
PROTECTIVE COATINGS; ZIRCONIUM; POWDERS; SURFACE PROPERTIES; FILLER METALS; MECHANICAL PROPERTIES

Wear resistance of electrolytic alloy nickel-boron, deposited from chloride electrolyte

S36

Balakaj, V.I.; Byrylov, I.F.; Nabieva, D.B. (Yuzhno-Rossijskij Gosudarstvennyj Tekhnicheskij

Univ. (Novocherkasskij Politehnicheskij Inst.), Novocherkassk, Rostovskaya Obl. (RU)), e-mail: balakaivi@rambler.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Iznosostojkost' ehlektroliticheskogo splava nikel'-bor, osazhdennogo iz khloridnogo ehlektrolita

p. 10-11

(RU)

1 ref.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe

Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-

Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po

Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,

Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy

dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

WEAR RESISTANCE; NICKEL BORIDES; NICKEL BASE ALLOYS; BORON ALLOYS;

ELECTROLYTES; ELECTROPLATING; STEELS

Composite electrolytic coatings nickel-boron-fluoro plastics deposited from chloride electrolyte

S36

Balakaj, V.I.; Murzenko, K.V.; Byrylov, I.F. (Yuzhno-Rossijskij Gosudarstvennyj Tekhnicheskij Univ. (Novocherkasskij Politehnicheskij Inst.), Novocherkassk, Rostovskaya Obl. (RU)), e-mail: balakaivi@rambler.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Kompozitsionnoe ehlektroliticheskoe pokrytie nikel'-bor-ftoroplast, osazhdennoe iz khloridnogo

ehlektrolita

p. 12-13

(RU)

1 ref., 1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe

Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-

Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po

Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,

Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy

dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

COMPOSITE MATERIALS; ORGANIC FLUORINE COMPOUNDS; PLASTICS; WEAR RESISTANCE; LUBRICATION; NICKEL BASE ALLOYS; BORON ALLOYS; ELECTROLYTES

Electrolyte for obtaining composite nickel-based electroplating

S37

Balakaj, V.I.; Murzenko, K.V.; Byrylov, I.F. (Yuzhno-Rossijskij Gosudarstvennyj Tekhnicheskij Univ. (Novocherkasskij Politekhnikeskij Inst.), Novocherkassk, Rostovskaya Obl. (RU)), e-mail: balakaivi@rambler.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ehlektrolit dlya polucheniya kompozitsionnykh ehlektroliticheskikh pokrytij na osnove nikelya
p. 14-15

(RU)

2 refs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; ELECTRODEPOSITED COATINGS; ELECTROLYTES; COMPOSITE MATERIALS; MECHANICAL PROPERTIES; NICKEL ALLOYS; REINFORCED PLASTICS; ORGANIC FLUORINE COMPOUNDS

On peculiarities of deposition and use of electroplated coatings based on NiMo and CoMo alloys

S37

Bogomazova, N.V.; Mironchik, E.V.; Zharskij, I.M. (Belorusskij Gosudarstvennyj Tekhnologicheskij Univ., Minsk (BY)), e-mail: nbogom@open.by

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ob osobennostyakh osazhdeniya i ispol'zovaniya gal'vanicheskikh pokrytij na osnove splavov NiMo i CoMo

p. 16-17

(RU)

2 figs., 1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; ELECTRODEPOSITED COATINGS; NICKEL BASE ALLOYS;
MOLYBDENUM ALLOYS; COBALT BASE ALLOYS; ELECTROLYTES; CHEMICAL
COMPOSITION

Epilams: multifunction protective nanofilms - perspective scaling

S77

Vokhidov, A.S.; Dobrovol'skij, L.O. (OOO AVTOSTANKOPROM, Sankt-Peterburg (RU)), e-mail: avtostankoprom@mail.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ehpilamy: mnogofunksional'nye zashchitnye nanoplenki - perspektivy masshtabirovaniya
p. 22-23

(RU)

3 figs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

NANOSTRUCTURES; THIN FILMS; COATINGS; SURFACTANTS; MOLECULES;
FLUORINE

Effect of fluorochemical additive on corrosion properties of composite materials based on tin-zinc alloy from citrate electrolyte

S36

Denisenko, E.A.; Laptij, D.V.; Burda, A.I. (Yuzhno-Rossiiskij Gosudarstvennyj Tekhnicheskij Univ. (Novocherkasskij Politekhnikeskij Inst.), Novocherkassk (RU)), e-mail: DARIANA000@YANDEX.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Vliyanie ftorsoderzhashchej dobavki na korrozionnye svoystva kompozitsionnogo materiala na
osnove splava olovo-tsink iz tsitratnogo ehlektrolita

p. 29-30

(RU)

2 refs., 1 fig.

Rossiiskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossiiskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

REINFORCED PLASTICS; TIN ALLOYS; ZINC ALLOYS; ELECTROLYTES;
ELECTROPLATING; COMPOSITE MATERIALS

Features of synergistic effect in friction of composite electrolytic coatings based on nickel

S36

Ivanov, V.V.; Balakaj, V.I.; Murzenko, K.V.; Byrylov, I.F. (Yuzhno-Rossiiskij Gosudarstvennyj Tekhnicheskij Univ. (Novocherkasskij Politekhnikeskij Inst.), Novocherkassk, Rostovskaya Obl. (RU)), e-mail: balakaivi@rambler.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Osobennosti proyavleniya ehffekta sinergizma pri trenii kompozitsionnykh ehlektroliticheskikh
pokrytij na osnove nikelya

p. 31-32

(RU)

1 ref., 1 fig.

Rossiiskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossiiskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

COMPOSITE MATERIALS; NICKEL BASE ALLOYS; BORON ALLOYS;
NANOSTRUCTURES; ELECTROPLATING; ELECTROLYTES

Comparative evaluation of properties of nickel coatings, obtained from acidic electrolytes with additive of lactic acid in constant and pulsed currents

S36

Kireev, S.Yu.; Perelygin, Yu.P.; Pecherskaya, R.M.; Kireeva, S.N. (Penzenskij Gosudarstvennyj Univ., Penza (RU)), e-mail: pyp@pnzgu.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Sravnitel'naya otsenka svojstv pokrytij nikel'em, poluchennykh iz kislykh ehlektrolitov s
dobavkoj molochnoj kisloty na postoyannom i impul'snom tokakh

p. 33-34

(RU)

1 ref.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; NICKEL ALLOYS; ELECTROLYTES; MECHANICAL PROPERTIES;
COMPARATIVE EVALUATIONS; LACTIC ACID

Definitions of solderability: express method

S36

Kireev, S.Yu.; Kireeva, S.N.; Perelygin, Yu.P.; Jaskula, M. (Penzenskij Gosudarstvennyj Univ., Penza (RU)), e-mail: pyp@pnzgu.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ehkspres-metodika opredeleniya payaemosti

p. 35-36

(RU)

6 refs., 1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)
8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
ELECTROPLATING; INDIUM ALLOYS; COATINGS; MECHANICAL PROPERTIES; USES; OPTIMIZATION

Studying structures of composite nickel-teflon coatings

S36

Klemenkova, V.S.; Soboleva, E.S.; Koshel' Yaroslavskij, S.G. (Gosudarstvennyj Tekhnicheskij Univ., Yaroslavl' (RU)), e-mail: es.soboleva@mail.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Izuchenie struktury kompozitsionnykh nikel'ftoroplastovykh pokrytij

p. 37-38

(RU)

2 refs., 1 fig.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

COMPOSITE MATERIALS; NICKEL ALLOYS; ELECTROPLATING; PLASTICS; ORGANIC FLUORINE COMPOUNDS; ELECTROLYTES; SULFATES

Inhibition acid etching of steel by nitrogen-containing organic compounds

S36

Kovalyuk, E.N.; Negoda, A.Yu. (Angarskaya Gosudarstvennaya Tekhnicheskaya Akademiya, Angarsk, Irkutskaya Obl. (RU)), e-mail: ken.agta@mail.ru; Kukharev, B.F.; Klimenko, G.R. (Irkutskij Inst. Khimii im. Favorskogo SO RAN, Irkutsk (RU))

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ingibirovanie kislotnogo travleniya stali azotsoderzhashchimi organicheskimi soedineniyami
p. 39-40

(RU)

1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ETCHING; ELECTROPLATING; CORROSION PROTECTION; ORGANIC NITROGEN
COMPOUNDS; GRAVIMETRY; STEELS

Disposal of waste solutions, electrolytes and eluates

S54

*Krasnov, N.S.; Varlamova, S.I.; Romanova, O.N.; Varlamova, I.S. (OOO NPP Ehkoprogres,
Kaluga (RU))*

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Obezvrezhivanie otrabotannykh rastvorov, ehlektrolitov i ehlyuatov

p. 41-42

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

NONRADIOACTIVE WASTE DISPOSAL; SPENT LIQUORS; ENVIRONMENTAL
EFFECTS; APPROPRIATE TECHNOLOGY; ELECTROLYTES; ECOLOGY

Disposal chromium-containing wash waters and concentrated solutions

S54

Krasnov, N.S.; Varlamova, S.I.; Romanova, O.N.; Varlamova, I.S. (OOO NPP Ehkoprogess, Kaluga (RU))

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Obezvrezhivanie khromsoderzhashchikh promyvnykh vod i kontsentrirovannykh rastvorov
p. 43-44
(RU)

Rossiyskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

NONRADIOACTIVE WASTE DISPOSAL; INDUSTRIAL WASTES; WASTE WATER; ENVIRONMENTAL IMPACTS; ENVIRONMENTAL PROTECTION; APPROPRIATE TECHNOLOGY; CHROMIUM

Organization of modern galvanic chemical production and treatment plants

S54

Mazur, V.A. (Predpriyatie RADAN (OOO), Sankt-Peterburg (RU)), e-mail: info@radan.su, radan2000@mail.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Organizatsiya sovremennykh gal'vanokhimicheskikh proizvodstv i ochistnykh sooruzhenij
p. 45-47
(RU)

Rossiyskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

POLLUTION; APPROPRIATE TECHNOLOGY; PURIFICATION; NONRADIOACTIVE WASTE DISPOSAL; ECOLOGY; METAL INDUSTRY; ENVIRONMENTAL IMPACTS

Chemical deposition of nickel-phosphorus coatings doped with copper

S36

Morgunov, A.V.; Novikov, V.T.; Skopintsev, V.D. (Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU)), e-mail: novas@muctr.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti Khimicheskoe osazhdenie nikel'-fosfornykh pokrytij, legirovannykh med'yu

p. 50-51

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

CHEMICAL COATING; COPPER ADDITIONS; WEAR RESISTANCE; NICKEL; CORROSION RESISTANCE; OPTIMIZATION

Passivation processes of zinc in solutions on the basis of chromium(III) compounds, not containing cobalt

S37;S36

Plett, A. (Enthone GmbH, Langenfeld (DE)), e-mail: aplett@cooksonelectronics.com

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Protsessy passivatsii tsinka v rastvorakh na osnove soedinenij khroma(III), ne sodержashchikh kopal't

p. 55-56

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
PASSIVATION; CORROSION PROTECTION; VALENCE; COBALT COMPOUNDS;
CHROMITES; ZINC COMPOUNDS; CHEMICAL COMPOSITION; ABUNDANCE

Water treatment management and creation of closed water system for galvanic manufactures

S54

Povorov, A.A.; Pavlova, V.F.; Shinenkova, N.A.; Skvortsova, I.N. (ZAO BMT, Vladimir (RU)), e-mail: Vladimir@vladbmt.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Obespechenie ratsional'nogo vodopol'zovaniya i sozдание sistem zamknutogo vodooborota dlya gal'vanicheskikh proizvodstv

p. 57-59

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

WATER TREATMENT; WASTE WATER; PURIFICATION; ENVIRONMENTAL IMPACTS; WASTE PROCESSING; OPTIMIZATION; USES; APPROPRIATE TECHNOLOGY

New thyristor rectifiers for power supply electroplating baths

S36

Prasolov, Yu.F. (OOO NITs Gal'vanopreobrazovatel', Saransk (RU)), e-mail: galvano@moris.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Novye tiristornye vypryamiteli dlya pitaniya gal'vanicheskikh vann

p. 63-64

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)
8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
ELECTROPLATING; ZIRCONIUM ALLOYS; TITANIUM ALLOYS; ANODIZATION; ALUMINIUM ALLOYS; USES; FABRICATION

Polymer composite coatings on the basis of polyphenylene sulfides (PPS) as a means for efficient reduction of scaling and corrosion

S36

Pyatov, I.S.; Kruglov, S.V.; Polosukhin, V.M. (OOO REAMRTI, Balashikha, Moskovskaya Obl. (RU)), e-mail: info@reamrti.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Polimernye kompozitsionnye pokrytiya na osnove polifenilensul'fidov (PFS) kak sredstvo ehffektivnogo snizheniya soleotlozheniya i korrozii

p. 65-67

(RU)

1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

POLYURETHANES; POLYESTERS; EPOXIDES; POLYPHENYLS; SULFOXIDES; PROTECTIVE COATINGS; CORROSION PROTECTION; TEMPERATURE RANGE 0400-1000 K; COMPARATIVE EVALUATIONS; MECHANICAL PROPERTIES

Composite coatings based on nickel and chromium

S36

Salakhova, R.K. (UNTTs Filial FGUP VIAM, Ul'yanovsk (RU)), e-mail: LAB2VIAM@MAIL.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Kompozitsionnye pokrytiya na osnove nikelya i khroma

p. 68-69

(RU)

1 fig.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; ELECTRODEPOSITED COATINGS; CHROMIUM ALLOYS;
NICKEL ALLOYS; MOLYBDENUM SULFIDES; FRICTION; WEAR RESISTANCE

Phosphating of structural steel 08 KP with using a solution developed for phosphating of electrotechnical steels

S36

Selivanov, V.N.; Perelygin, Yu.P. (Penzenskij Gosudarstvennyj Univ., Penza (RU)), e-mail: pyp@pnzgu.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Fosfatirovanie konstruktsionnoj stali 08 KP s ispol'zovaniem rastvora, razrabotannogo dlya fosfatirovaniya ehlektrotekhnicheskikh stalej

p. 70-71

(RU)

1 ref., 1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

Nanostructured aluminum coating, precipitated from organometallic compounds
S77

*Semenychev, V.V.; Sataev, E.E. (UNTTs Filial FGUP VIAM, Ul'yanovsk (RU)), e-mail:
LAB2VIAM@MAIL.RU*

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Nanostrukturirovannoe alyuminievoe pokrytie, osazhdaemoe iz metalloorganicheskikh
soedinenij

p. 72-73

(RU)

2 figs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

NANOSTRUCTURES; ORGANOMETALLIC COMPOUNDS; ALUMINIUM COMPOUNDS;
CHEMICAL VAPOR DEPOSITION; METALLOGRAPHY; ELECTRON MICROSCOPY;
ECOLOGY

Modern technologies of applying adhesive layer for painting

S36

Serov, A.N. (OOO SurTek, Moscow (RU))

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Sovremennye tekhnologii naneseniya adgezionnogo sloya pod pokrasku

p. 74-75

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy

dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
ADHESION; PASSIVATION; APPROPRIATE TECHNOLOGY; CHROMIUM;
NANOSTRUCTURES; PROTECTIVE COATINGS

Method for processing the precipitate obtained at extraction of copper cations by reagent method from acidic solutions

S37

Turaev, D.Yu. (RKhTU im. D.I. Mendeleeva, Moscow (RU)), e-mail:

MEMBR_ELECTR@MAIL.RU, MEMBRANEELECTROLYSIS@YANDEX.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Sposoby pererabotki osadka, poluchennogo pri izvlechenii kationov medi reagentnym metodom
iz kislykh rastvorov

p. 76-77

(RU)

1 ref.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

COPPER IODIDES; COPPER SULFATES; ELECTROLYSIS; CHEMICAL REACTIONS;
HYDROGEN IODIDES; IODINE; PROCESS SOLUTIONS

Features of extraction of copper cations by reagent method from acidic solutions

S37

Turaev, D.Yu. (RKhTU im. D.I. Mendeleeva, Moscow (RU)), e-mail:

MEMBR_ELECTR@MAIL.RU, MEMBRANEELECTROLYSIS@YANDEX.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Osobennosti protsessa izvlecheniya kationov medi reagentnym metodom iz kislykh rastvorov

p. 78-79

(RU)

1 ref.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ELECTROLYSIS; COPPER NITRATES; CHROMIUM OXIDES; SOLUTIONS; ETCHING; NITRIC ACID; TEMPERATURE DEPENDENCE

Investigate the use of new additive AM567 for alkaline galvanizing

S36

Turaev, D.Yu. (RKhTU im. D.I. Mendeleeva, Moscow (RU)), e-mail:

MEMBR_ELECTR@MAIL.RU, MEMBRANEELECTROLYSIS@YANDEX.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Issledovanie primeneniya novoj dobavki AM567 dlya protsessa shchelochnoho tsinkovaniya
p. 80-81

(RU)

1 fig.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; ZINC OXIDES; SODIUM HYDROXIDES; ZINC; ELECTROLYTES; ADDITIVES

Reversibility of membrane electrolysis as sources of electrical energy

S37

Turaev, D.Yu. (RKhTU im. D.I. Mendeleeva, Moscow (RU)), e-mail:

MEMBR_ELECTR@MAIL.RU, MEMBRANEELECTROLYSIS@YANDEX.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Obratimost' protsessa membrannogo ehlektroliza kak istochnik ehlektricheskoy ehnergii
p. 82-83

(RU)

6 refs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

ELECTROLYSIS; MEMBRANES; ELECTRODES; SOLID ELECTROLYTES;
OPTIMIZATION; ELECTROLYTIC CELLS; ION EXCHANGE MATERIALS

Composite coatings based on nickel: obtaining and tribological properties

S36

Tselujkin, V.N.; Vasilenko, E.A.; Nevernaya, O.G.; Tselujkina, G.V.; Kanaf'eva, O.A.
(*Ehngel'sskij Tekhnologicheskij Inst. (Filial) Saratovskogo Gosudarstvennogo Tekhnicheskogo*
Univ., Ehngel's, Saratovskaya Obl. (RU)), e-mail: *tseluikin@mail.ru*

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Kompozitsionnye pokrytiya na osnove nikelya: poluchenie i tribologicheskie svoystva
p. 84-85

(RU)

2 tabs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe
Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-
Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po
Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,
Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy
dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

Electrodeposition of nickel foil from acetate-chloride electrolyte

S37

Tselujkina, G.V.; Vasilenko, E.A.; Solov'eva, N.D.; Tselujkin, V.N.; Batraeva, G.Sh. (Ehngel'sskij Tekhnologicheskij Inst. (Filial) GOU VPO Saratovskij Gosudarstvennyj Tekhnicheskij Univ., Ehngel's, Saratovskaya Obl. (RU)), e-mail: tep@techn.sstu.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Ehlektoosazhdenie nikel'evoj fol'gi iz atsetatnokhloridnogo ehlektrolita

p. 86-87

(RU)

1 ref., 1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe

Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-

Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po

Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,

Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; NICKEL CHLORIDES; ACETATES; ELECTROLYTES; FOILS;

POLARIZATION; MECHANICAL PROPERTIES; OPTIMIZATION

Experience and prospects of application technologies of chromonitridation and carbonitriding

S36

Tsikh, S.G.; Lisitskij, V.N.; Glebova, Yu.A. (OAO NPO TsNIITMASH, Moscow (RU)); Grishin, V.I. (MGU im. N.Eh. Bauman, Moscow (RU)), e-mail: info@termohim.com

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti

Opyt i perspektivy primeneniya tekhnologij khromonitridizatsii i karbonitratsii

p. 88-89

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe

Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-

Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po

Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,

Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
AUSTENITIC STEELS; NICKEL ALLOYS; SURFACE HARDENING; PROTECTIVE COATINGS; SURFACE COATING; DIFFUSION COATING

Effect of a pulsed electrolysis on dissipate ability of sulfate-chloride electrolyte for deposition of composite nickel-diamond coatings

S36

Chernik, A.A.; Chernik, E.O.; Zharskij, I.M. (Uchrezhdenie Obrazovaniya Belorusskij Gosudarstvennyj Tekhnologicheskij Univ., Minsk (BY)), e-mail: root@bstu.unibel.by

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Vliyanie impul'snogo ehlektroliza na rasseivayushchuyu sposobnost' sul'fat-khloridnogo ehlektrolita dlya osazhdeniya kompozitsionnykh nikel'-almaznykh pokrytij

p. 90-91

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

DIAMONDS; ELECTROPLATING; ELECTROLYTES; OPTIMIZATION; DENDRITES; NICKEL ALLOYS; GRAPHITIZATION

Electrodeposition of corrosion-resistant zinc-nickel coatings in ammine electrolyte

S37

Chernaya, E.V.; Bobrikova, I.G. (Yuzhno-Rossijskij Gosudarstvennyj Tekhnicheskij Univ. (Novocherkasskij Politekhnikeskij Inst.), Novocherkassk (RU)), e-mail: NGTU@NOVOCH.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ehlektoosazhdenie korrozionno-stojkikh tsink-nikelevykh pokrytij v ammiakatnom ehlektrolite

p. 92-93

(RU)

1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; ELECTROLYTES; ZINC SULFATES; NICKEL CHLORIDES;
AMMONIUM CHLORIDES; BORIC ACID; X-RAY FLUORESCENCE ANALYSIS;
ELECTROCHEMICAL CORROSION

Corrosion properties of zinc-lamellar coatings

S37

Chumakov, V.I.; Katraev, S.L.; Naumov, V.I. (OOO KhIMSINTEZ, Dzerzhinsk (RU)), e-mail: vladimir@chimsn.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Korrozionnye svojstva tsink-lamel'nykh pokrytij

p. 94

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

SURFACE COATING; CORROSION; ZINC ALLOYS; ALUMINIUM ALLOYS;
LAMELLAE; COMPARATIVE EVALUATIONS; VOLTAMETRY

Electrodeposition CEC zinc-colloid graphite in nonstationary regime

S36

Shevchenko, T.Yu.; Solov'eva, N.D. (Ehngel'sskij Tekhnologicheskij Inst. (Filial) GOU VPO

Saratovskij Gosudarstvennyj Tekhnicheskij Univ., Ehngel's, Saratovskaya Obl. (RU), e-mail: tep@techn.sstu.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Ehlektoosazhdenie KEhP tsink - kolloidnyj grafit v nestatsionarnom rezhime

p. 95-96

(RU)

3 refs., 1 tab.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

ELECTROPLATING; STEELS; ZINC ALLOYS; GRAPHITE; ELECTROLYTES;
MICROHARDNESS; FRICTION FACTOR

On the applicability of ion-exchange membranes for the treatment of chromium-containing solutions

S37

Shishkina, S.V.; Kononova, T.V.; Zhelonkina, E.A. (GOU VPO Vyatskij Gosudarstvennyj Univ., Kirov (RU)), e-mail: vgu_tep@mail.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
O primenimosti ionoobmennykh membran dlya obrabotki khromsoderzhashchikh rastvorov

p. 97-98

(RU)

5 refs.

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhtU im. D.I. Mendeleeva

2011

108 p.

MEMBRANES; ION EXCHANGE MATERIALS; ECOLOGY; ELECTRIC CONDUCTIVITY; CHROMIUM OXIDES; CHROMIUM CHLORIDES; CONCENTRATION RATIO; ELECTROLYSIS

Application of ultrasound in the electrodeposition of lead dioxide

S36

Shpekina, V.I.; Savel'eva, E.A. (Ehngel'sskij Tekhnologicheskij Inst. (Filial) Saratovskogo Gosudarstvennogo Tekhnicheskogo Univ., Ehngel's, Saratovskaya Obl. (RU)), e-mail: tep@techn.sstu.ru

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Primenenie ul'trazvuka pri ehlektroosazhdenii dioksida svintsya

p. 99-100

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti, Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)

8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov

ISBN 978-5-7237-0914-0

Moscow (RU)

RKhTU im. D.I. Mendeleeva

2011

108 p.

LEAD OXIDES; LEAD ALLOYS; ELECTROPLATING; STEELS; ELECTRODES; OPTIMIZATION; ULTRASONIC WAVES

Regularities of electrodeposition Tl, Bi, Pb in Cu from aqueous solutions

S36

Shcherbinina, O.N.; Popova, S.S.; Lysenko, N.O. (Ehngel'sskij Tekhnologicheskij Inst. (Filial) Saratovskogo Gosudarstvennogo Tekhnicheskogo Univ., Ehngel's (RU)), e-mail: PROVODIMOST@MAIL.RU, GRUNTIC@MAIL.RU

8-th International exhibition and conference Coatings and surface treatment

Moscow (RU)

22-24 Mar 2011

8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti
Zakonomernosti ehlektrovydeleniya Tl, Bi, Pb v Cu iz vodnykh rastvorov

p. 101-102

(RU)

Rossijskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Moskovskoe Khimicheskoe Obshchestvo im. D.I. Mendeleeva, Moscow (RU); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU); Nauchnyj Sovet po Ehlektrokhimii RAN, Moscow (RU); Zhurnal Gal'vanotekhnika i Obrabotka Poverkhnosti,

Moscow (RU); OOO Primehkspo (ITE Group Plc), Sankt-Peterburg (RU)
8-th International exhibition and conference Coatings and surface treatment. Book of abstracts
8-ya Mezhdunarodnaya vystavka i konferentsiya Pokrytiya i obrabotka poverkhnosti. Tezisy dokladov
ISBN 978-5-7237-0914-0
Moscow (RU)
RKhTU im. D.I. Mendeleeva
2011
108 p.
MATRIX MATERIALS; NANOSTRUCTURES; BISMUTH ALLOYS; THALLIUM BASE ALLOYS; LEAD BASE ALLOYS; COPPER ALLOYS; INTERMETALLIC COMPOUNDS

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

S58

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

392 p.

(RU, EN)

LEADING ABSTRACT; MEETINGS; ISOTOPE DATING; GEOLOGY; COMPARATIVE EVALUATIONS; DATA; ISOTOPE RATIO; NATURAL OCCURRENCE

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes was held in Moscow from 4 to 6 June 2012. The problems of geochronometric isotopic systems, the features of their behavior in the geological conditions, the possibility of limiting methods of the isotope dating were under consideration. The techniques and equipment for analytical experiment in geochronology, isotopic mass spectrometry were treated. The results of processing and interpretation of isotope data in the reconstruction of the chronology of geological processes were shown. The results of the regional geochronological studies, the scale of geological time and ways to its refinement were demonstrated

С 4 по 6 июня 2012 года в Москве проходила V Российская конференция по изотопной геохронологии Геохронологические изотопные системы, методы их изучения, хронология геологических процессов. Обсуждались проблемы геохронометрических изотопных систем, особенности их поведения в геологических условиях, возможности ограничения методов изотопного датирования. Рассмотрены методики и техника аналитического эксперимента в геохронологии, изотопная масс-спектрометрия. Показаны результаты обработки и интерпретации изотопных данных при реконструкции хронологии геологических процессов. Приведены результаты региональных геохронологических исследований, дана шкала геологического времени и пути ее уточнения

High precision U-Pb dating analyses with the CAMECA IMS 1280-HR

S58

Peres, P.; Fernandes, F.; Schuhmacher, M.; Danilov, R.

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

p. 15-16

(EN)

7 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ELECTRON MICROPROBE ANALYSIS; ACCURACY; CALIBRATION; ISOTOPE RATIO; TRACE AMOUNTS; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON

Developments in the SHRIMP Secondary Ion Microprobe

S58

Roberts, E. (Australian Scientific Instruments Pty Ltd., Fyshwick (AU)), e-mail: ed.roberts@asi-pl.com.au

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

p. 16-18

(EN)

2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ION MICROPROBE ANALYSIS; LEAD ISOTOPES; SULFUR ISOTOPES; OXYGEN ISOTOPES; ISOTOPE DATING; PYRITE; REVIEWS

The oldest magmatism of the Urals

S58

Ronkin, Y.L.; Stepanov, A.I.; Maslov, A.V. (Inst. of Geology and Geochemistry of Russian Academy of Sciences, Yekaterinburg (RU)); Sindern, S. (RWTH Univ., Aachen (DE));

Korinevsky (Inst. of Mineralogy of Russian Academy of Sciences, Miass (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

p. 18-20

(EN)

17 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-1111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
URALS; GEOLOGIC AGES; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING; ZIRCON; GEOLOGIC STRATA; ICP MASS SPECTROSCOPY; ISOTOPE RATIO; MAGMATISM

Age of palingenic-anatektoid granitoids of the ancient mainstay complex Stanovoy terrane
S58

Agafonenko, S.G. (OAO Amurgeologiya, Blagoveshchensk (RU)), e-mail: agafonenko@amurgeo.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozrast palingenno-anatektoidnykh granitoidov drevnestanovogo kompleksa Stanovogo terrejna p. 21-22

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

(RU)

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; AMPHIBOLITES; METAMORPHISM; ION MICROPROBE ANALYSIS; ZIRCON; STRATIGRAPHY; CHEMICAL COMPOSITION; RARE EARTHS

U-Pb dating and geochemistry of zircon and sphene: experiments on high-temperature chemical abrasion (CA-SHRIMP) and its application to reconstruction of the evolution in granitic magmas

S58

Akinin, V.V. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Severo-Vostochnyj Kompleksnyj Nauchno-Issledovatel'skij Inst. im. N.A. Shilo DO RAN (SVKNII DVO RAN), Magadan (RU)); Gottlib, Eh. (Stehnfordskij Univ., Stehnsford (US))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb datirovanie i geokhimiya tsirkona i sfena: ehksperimenty po vysokotemperaturnoj khimicheskoy abrazii (CA-SHRIMP) i prilozhenie k rekonstruktsii ehvolyutsii granitoidnykh magm

p. 23-24

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

TITANITE; ZIRCON; ABRASION; URANIUM ISOTOPES; LEAD ISOTOPES; ION MICROPROBE ANALYSIS; TEMPERATURE RANGE 1000-4000 K; ISOTOPE DATING; GARNETS

"⁴⁰Ar/³⁹Ar age of Anyuiskiy volcanoes, Arctic Chukotka

S58

Akinin, V.V. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Severo-Vostochnyj Kompleksnyj Nauchno-Issledovatel'skij Inst. im. N.A. Shilo DO RAN (SVKNII DVO RAN), Magadan (RU)); Kalvert, Eh. (USGS, Mentlo-Park (US))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

"⁴⁰Ar/³⁹Ar vozrast Anyujskikh vulkanov, Arkticheskaya Chukotka

p. 25-26

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

VOLCANOES; ARCTIC REGIONS; ARGON 40; ARGON 39; ISOTOPE DATING; POTASSIUM ISOTOPES; VOLCANISM; COMPARATIVE EVALUATIONS; LAVA

U-Pb SIMS dating of clays of Moscow tier (VEP)

S58

Alekseev, A.S. (MGU, Moscow (RU)); Larionov, A.N.; Tolmacheva, T.Yu. (Federal'noe Gosudarstvennoe Unitarnoe Predpriyatie Vserossijskij Nauchno-Issledovatel'skij Geologicheskij Inst. im. A.P. Karpinskogo, Sankt-Peterburg (RU)); Goreva, N.V. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb SIMS datirovka glin Moskovskogo yarus (VEP)

p. 27-28

(RU)

3 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; CLAYS; URANIUM ISOTOPES; LEAD ISOTOPES; ION MICROPROBE ANALYSIS; MASS SPECTROSCOPY; ZIRCON; MORPHOLOGY; ACCURACY; GEOLOGIC AGES

Control of the temperature field in the minerals when laser $^{40}\text{Ar}/^{39}\text{Ar}$ dating

S58

Alekseev, D.V.; Murzintsev, N.G. (Inst. Geologii i Mineralogii SO RAN, Novosibirsk (RU); NGTU, Novosibirsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Kontrol' temperaturnogo polya v mineralakh pri lazernom $^{40}\text{Ar}/^{39}\text{Ar}$ datirovanii

p. 29-31

(RU)

2 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ARGON 40; ARGON 39; ISOTOPE RATIO; TEMPERATURE DISTRIBUTION; TEMPERATURE RANGE 1000-4000 K; LASER-RADIATION HEATING; ACCURACY; TEMPERATURE GRADIENTS

Geochronology of paleoproterozoic basite formations of Kursk block of Sarmatia (Voronezh crystalline array)

S58

Al'bekov, A.Yu.; Ryborak, M.V.; Bojko, P.S. (VGU, Voronezh (RU)); Sal'nikova, E.B. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems,

methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhronologiya paleoproterozojskikh bazitovykh formatsij Kurskogo bloka Sarmatii (Voronezhskij kristallicheskiy massiv)

p. 31-33

(RU)

4 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON; GEOLOGIC AGES; GEOLOGIC STRATA; GEOLOGIC SURVEYS

Rb-Sr and U-Pb isotope geochronometric systems in granites of Kanin Peninsula S58

Andreichev, V.L.; Soboleva, A.A. (IG Komi NTs UrO RAN, Syktyvkar (RU)), e-mail: andreichev@geo.komisc.ru, soboleva@geo.komisc.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rb-Sr i U-Pb izotopno-geokhronometricheskie sistemy v granitakh poluostrova Kanin

p. 33-36

(RU)

7 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials
V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ISOTOPE DATING; MAGMATISM; GARNETS; GEOLOGIC STRUCTURES; ION MICROPROBE ANALYSIS; URANIUM ISOTOPES; LEAD ISOTOPES; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES

Early Baikal age (U-Pb method on zircons) of conglomerates of holbonursky complex in Songinsky block of Central Asia caledonides
S58

Anisimova, I.V.; Sal'nikova, E.B.; Kozakov, I.K.; Terent'eva, L.B.; Kovach, V.P.; Fedoseenko, A.M.; Yakovleva, S.Z. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Ranbajkal'skij vozrast (U-Pb metod po tsirkonam) konglomeratov kholbonurskogo kompleksa Songinskogo bloka kaledonid Tsentral'noj Azii

p. 36-38

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

LAKE BAIKAL; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON; CONGLOMERATES; NEODYMIUM ISOTOPES; GEOLOGIC STRUCTURES; GEOLOGIC HISTORY; GEOLOGIC AGES

The modern method of dating of sedimentary rocks on the basis of stable isotopes

S58

Anufriev, G.S. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Sovremennyyj metod datirovaniya osadochnykh porod na osnovanii stabil'nykh izotopov
p. 39-41

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SEAS; ALLUVIAL DEPOSITS; SEDIMENTS; ISOTOPE DATING; POLYMETALLIC ORES; COSMOLOGICAL MODELS; HELIUM 3; HELIUM 4; COSMIC DUST

Geochronology of Dovyren intrusive complex in the North Baikal area

S58

Ariskin, A.A.; Kostitsyn, Yu.A.; Nikolaev, G.S. (GEOKhI RAN, Moscow (RU)); Danyushevskij, L.V.; Meffre, S. (Tasmanijskij Univ., Hobart (AU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhronologiya Dovyrenskogo intruzivnogo kompleksa v Severnom Pribajkal'e

p. 42-44

(RU)

6 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; PLUTONIC ROCKS; ZIRCON; MAGMATISM; URANIUM ISOTOPES; LEAD ISOTOPES; ABLATION; SCANNING ELECTRON MICROSCOPY; ICP MASS SPECTROSCOPY

Regional correlation of metasomatic complexes in the Karelia and Kola junction zones of granite-greenstone regions, and Belomorian Mobile Belt

S58

Astaf'ev, B.Yu. (Inst. Geologii i Geokhronologii Dokembriya RAN, Sankt-Peterburg (RU));

Voinova, O.A. (Vserossijskij Geologicheskij Inst. im. A.P. Karpinskogo, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Regional'naya korrelyatsiya metasomaticheskikh kompleksov zon sochleneniya Karel'skoj i Kol'skoj granit-zelenokamennykh oblastej i Belomorskogo podvizhnogo poyasa

p. 44-47

(RU)

1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; GARNETS; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON;
GEOLOGIC STRUCTURES; GEOLOGIC AGES; GEOLOGIC HISTORY

Radio geochronological studies of stratal gabbro-diabase intrusions of Sharuro-Julfa anticlinorium (Azerbaijan)

S58

Bagirbekova, O.D.; Dzhafarova, R.S. (IGNANA, Baku (AZ))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Radiogeokhronologicheskie issledovaniya plastovykh gabbro-diabazovykh intruzij Sharuro-Dzhul'finskogo antiklinoriya (Azerbajdzhan)

p. 47-49

(RU)

5 refs., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

AGE ESTIMATION; GABBROS; DIABASES; POTASSIUM ISOTOPES; ARGON ISOTOPES; GEOLOGIC STRATA; GEOLOGIC AGES

Polychronous age of zircons in dunites of Konderskoye array (Aldan Province, Russia)

S58

Badanina, I.Yu.; Malich, K.N. (Inst. Geologii i Geokhimii UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Polikhronnyj vozrast tsirkonov v dunitakh Konderskogo massiva (Aldanskaya provintsiya,
Rossiya)

p. 49-52

(RU)

10 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezghvedomstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezghvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON; ION
MICROPROBE ANALYSIS; MORPHOLOGY; METAMICT STATE

Features of Re-Os dating of fine disperse molybdenite of quartz veins in Cu-Mo porphyry deposits

S58

*Baksheev, I.A.; Nikolaev, Yu.N.; Kal'ko, I.A.; Nagornaya, E.V. (MGU, Moscow (RU));
Belyatskij, B.V. (IGGD RAN, Sankt-Peterburg (RU)); Krymskij, R.Sh. (Federal'noe
Gosudarstvennoe Unitarnoe Predpriyatie Vserossijskij Nauchno-Issledovatel'skij Geologicheskij
Inst. im. A.P. Karpinskogo, Sankt-Peterburg (RU))*

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Osobennosti Re-Os datirovaniya melkodispersnogo molibdenita kvartsevykh zhil Cu-Mo
porfirovykh mestorozhdenij

p. 52-55

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezghvedomstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezghvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials
V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
QUARTZ; RHENIUM ISOTOPES; OSMIUM ISOTOPES; ICP MASS SPECTROSCOPY; MOLYBDENUM SULFIDES; MAGMA; ISOTOPE RATIO; GEOLOGIC DEPOSITS

Geochronology and duration of paleoproterozoic plume processes with Pt-Pd and Cu-Ni ore formation on the Baltic Shield

S58

Bayanova, T.B.; Mitrofanov, F.P. (GI KNTs RAN, Apatity (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhronologiya i dlitel'nost' paleoproterozojskikh plyumovykh protsessov s Pt-Pd i Cu-Ni orudneniem na Baltijskom shchite

p. 55-57

(RU)

11 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; PLUTONIC ROCKS; ISOTOPE RATIO; MAGMATISM; GEOLOGIC AGES; ORE COMPOSITION; GEOLOGIC DEPOSITS

The first results of U-Pb dating of magmatic rocks in Shakhtama Mo-porphyry

deposit (Eastern Transbaikalia)

S58

Berzina, A.P.; Berzina, A.N.; Gimon, V.O. (IGM SO RAN, Novosibirsk (RU)); Paderin, I.P.; Larionov, A.N. (Federal'noe Gosudarstvennoe Unitarnoe Predpriyatie Vserossijskij Nauchno-Issledovatel'skij Geologicheskij Inst. im. A.P. Karpinskogo, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Pervye rezul'taty U-Pb datirovaniya magmaticheskikh porod Shakhtaminskogo Mo-porfirovogo mestorozhdeniya (Vostochnoe Zabajkal'e)

p. 58-60

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; MAGMA; LAKE BAIKAL; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON; ION MICROPROBE ANALYSIS; GARNETS; QUARTZ MONZONITE; ORES; GEOLOGIC DEPOSITS

Early Earth's crust: current approaches to the establishment of the time of formation and isotopic geochemical nature

S58

Bibikova, E.V. (GEOKhI RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rannaya kora Zemli: sovremennye podkhody k ustanovleniyu vremeni formirovaniya i izotopno-geokhimicheskoy prirode

p. 60-63

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; EARTH CRUST; ZIRCON; GEOLOGIC FORMATIONS; EARTH PLANET; EARTH MANTLE; ISOTOPE RATIO; EARTH CORE

Isotope geochronology of Archean magmatic and Podolsky domain metasedimentary rocks of the Ukrainian Shield

S58

Bibikova, E.V.; Fedotova, A.A.; Kirnozova, T.I.; Fugzan, M.M. (GEOKhI RAN, Moscow (RU)); Stepanyuk, L.M.; Shumlyanskij, L.V. (IGMRN NAN Ukrainy, Kiev (UA)); Klaehsson, S. (Swedish Museum Natural History, Stockholm (SE))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopnaya geokhronologiya arkhejskikh magmatischenkikh i metaosadochnykh porod Podol'skogo domena Ukrainskogo shchita

p. 63-65

(RU)

2 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; RESONANCE IONIZATION MASS SPECTROSCOPY; ZIRCON; QUARTZITES; SITE CHARACTERIZATION; UKRAINE; MAGMA; SEDIMENTS

Harbinger of Late Quaternary Elbrus volcano activity - volcano Paleo-Elbrus (Greater Caucasus): chronology of eruptions, and Sr-Nd isotope systematics of species

S58

Bubnov, S.N.; Lebedev, V.A.; Gol'tsman, Yu.V.; Bairova, Eh.D. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Predvestnik aktivnosti pozdnechetvertichnogo vulkana Ehl'brus - vulkan Paleo-Ehl'brus (Bol'shoj Kavkaz): khronologiya izverzhenij i Sr-Nd izotopnaya sistematika porod

p. 65-67

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

CAUCASUS; VOLCANOES; VOLCANISM; MAGMATISM; ISOTOPE DATING; ISOTOPE RATIO; GEOLOGIC AGES; ERUPTION

Method of measuring the argon isotopes in the continuous helium flow for potassium-argon geochronology

S58

Budnitskij, S.Yu.; Ignat'ev, A.V.; Velivetskaya, T.A. (DVGI DVO RAN, Vladivostok (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Metod izmereniya izotopov argona v nepreryvnom potoke geliya dlya kalij-argonovoj geokhronologii

p. 67-69

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ARGON ISOTOPES; ISOTOPE RATIO; ISOTOPE DATING; VOLCANOES; TEKTITES; ARCHAEOLOGICAL SPECIMENS; GEOLOGIC FORMATIONS; GAS FLOW

Meimechites: age-dating and geological observations

S58

Vasil'ev, Yu.R.; Gora, M.P. (IGM SO RAN, Novosibirsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Mejmechity: vozrastnye datirovki i geologicheskie nablyudeniya

p. 69-72

(RU)

7 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials
V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ISOTOPE DATING; PLUTONIC ROCKS; VOLCANIC ROCKS; ISOTOPE RATIO; GEOLOGIC HISTORY; GEOLOGIC AGES; GEOLOGIC STRUCTURES; SIBERIA

U-Pb age of average Riphean phosphorite concretions, Yurmatin series of the Southern Urals

S58

Vasil'eva, I.M.; Ovchinnikova, G.V.; Gorokhov, I.M.; Kuznetsov, A.B. (Inst. Geologii i Geokhronologii Dokembriya RAN, Sankt-Peterburg (RU)); Krupenin, M.T.; Maslov, A.V. (Inst. Geologii i Geokhimii UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb vozrast srednerifejskikh fosforitovykh konkreksij, yumatinskaya seriya Yuzhnogo Urala p. 72-74

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; CONCRETIONS; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; PHOSPHORITES; ISOTOPE RATIO; SITE CHARACTERIZATION

Analysis, geological interpretation of isotope-geochronological data and

geodynamic reconstructions of nappe-fold belts of Siberia

S58

Vernikovskij, V.A.; Vernikovskaya, A.E. (INGG SO RAN, Novosibirsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov Analiz, geologicheskaya interpretatsiya izotopno-geokhronologicheskikh dannyx i geodinamicheskie rekonstruktsii pokrovno-skladochnykh poyasov Sibiri p. 74-75

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ACCURACY; ISOTOPE DATING; EVOLUTION; ARCTIC REGIONS; PALEOZOIC ERA; GEOLOGIC STRUCTURES; METAMORPHISM; TECTONICS

Duration of the formation and sources of postorogenic granites substance of northern Baltic Shield

S58

Vetrin, V.R.; Serov, P.A. (GI KNTs RAN, Apatity (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov Dlitel'nost' formirovaniya i istochniki veshchestva postorogennykh granitov severnoj chasti Baltijskogo shchita

p. 75-78

(RU)

1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

BALTIC SEA; GRANITES; ISOTOPE DATING; ZIRCON; URANIUM ISOTOPES; LEAD ISOTOPES; ION MICROPROBE ANALYSIS; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; GEOLOGIC AGES

Opportunities of isotope chemostratigraphy in determining the accumulation time of the ancient sedimentary strata

S58

Vishnevskaya, I.A.; Dokukina, G.A.; Kiseleva, V.Yu. (IGM SO RAN, Novosibirsk (RU));

Pisareva, N.I. (IGM SO RAN, Novosibirsk (RU)); NGU, Novosibirsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozmozhnosti izotopnoj khemostratigrafii v opredelenii vremeni nakopleniya drevnikh osadochnykh tolshch

p. 78-80

(RU)

7 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ISOTOPE DATING; ISOTOPE RATIO; STRATIGRAPHY; SITE CHARACTERIZATION; GEOLOGIC AGES; CARBONATE ROCKS; COMPARATIVE EVALUATIONS

Age of gold-sulfide ore formation in Shauhoh ore field (North Ossetia, Russia)
S58

Volkova, M.M. (MGU, Moscow (RU)); GEOKhI RAN, Moscow (RU)); Kostitsyn, Yu.A. (GEOKhI RAN, Moscow (RU)); Bychkov, D.A.; Borisov, M.V. (MGU, Moscow (RU)); Polkvoj, A.P. (Upravlenie po Nedropol'zovaniyu po RSO, Vladikavkaz, Alaniya (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozrast zoloto-sul'fidnogo rudoobrazovaniya Shaukhokhskogo rudnogo polya (Severnaya Osetiya, Rossiya)

p. 81-83

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; MINERALIZATION; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; ISOTOPE RATIO; GEOLOGIC AGES; METAMORPHISM; GOLD ORES; CAUCASUS

Chronology of Devonian volcanics, sills and dikes formation in Minusinsk trough
S58

Vorontsov, A.A.; Andryushchenko, S.V. (IGKh SO RAN, Irkutsk (RU)); Fedoseev, G.S. (IGM SO RAN, Novosibirsk (RU)); NGU, Novosibirsk (RU)); Travin, A.V. (IGM SO RAN, Novosibirsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Khronologiya obrazovaniya devonskikh vulkanitov, sillov i daek v Minusinskom progibe
p. 83-86
(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; DEVONIAN PERIOD; SIBERIA; BASALT; ARGON 40; ARGON 39; MAGMATISM; OROGENESIS

Method of chemical microprobe dating of U-Th-containing minerals: status and prospects for the use

S58

Votyakov, S.L.; Khiller, V.V.; Shchapova, Yu.V. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Metod khimicheskogo mikrozonovogo datirovaniya U-Th-soderzhashchikh mineralov: sostoyanie i perspektivy ispol'zovaniya

p. 86-88

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM ISOTOPES; THORIUM ISOTOPES; URALS; SIBERIA; ION MICROPROBE ANALYSIS; MINERALS; USES

Analytical complex based on TIMS Triton Plus and MC SF ICP-MS Neptune Plus in IGG UrO RAN as a tool for solving problems of isotope geology in the Ural

S58

Votyakov, S.L.; Ronkin, Yu.L.; Lepikhina, O.P.; Lepikhina, G.A.; Soloshenko, N.G.; Streletsкая, M.V. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Analiticheskij kompleks na baze TIMS Triton Plus i MC SF ICP-MS Neptune Plus v IGG UrO RAN kak instrument dlya resheniya zadach izotopnoj geologii na Urale

p. 88-91

(RU)

4 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; ISOTOPE RATIO; SITE CHARACTERIZATION; ICP MASS SPECTROSCOPY; GEOLOGY; ACCURACY; ISOTOPE DATING; RESEARCH PROGRAMS

Age boundaries and Nd-Sr-Pb isotopic systematics of Paleozoic alkaline-mafite intrusions of Kuznetsk-Altai region of South Siberia

S58

Vrublevskij, V.V.; Gertner, I.F.; Krupchatnikov, V.I.; Vojtenko, D.N.; Tishin, P.A. (NI TGU, Tomsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozrastnye rubezhi i Nd-Sr-Pb izotopnaya sistematika paleozojskikh shchelochno-mafitovykh intruzivov Kuznetsko-Altajskogo regiona Yuzhnoj Sibiri

p. 91-94

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; PLUTONIC ROCKS; MINERALIZATION; ISOTOPE DATING; GEOLOGIC AGES; GEOLOGIC HISTORY; ISOTOPE RATIO; LEAD 207; LEAD 206

U-Pb isotopic system of accessory zircons from Middle Paleozoic volcanic rocks of the Omolon array: geological interpretation of geochemical heterogeneity

S58

Gagieva, A.M.; Zhulanova, I.L. (SVKNII DVO RAN, Magadan (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb izotopnaya sistema aktsessornykh tsirkonov iz srednepaleozojskikh vulkanitov

Omolon'skogo massiva: geologicheskaya interpretatsiya geokhimicheskoy neodnorodnosti

p. 94-96

(RU)

6 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; VOLCANIC ROCKS; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; SITE CHARACTERIZATION; ION MICROPROBE ANALYSIS; VOLCANISM

The use of U-He isotopic system for dating of ancient waters: new possibilities of the method

S58

Gannibal, M. (GI KNTs RAN, Apatity (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Primenenie U-He izotopnoj sistemy dlya datirovaniya drevnikh vod: novye vozmozhnosti metoda

p. 96-99

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

The principal frontiers of Early Precambrian geological history and their isotopic geochronological substantiation

S58

Glebovitskij, V.A. (Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Glavnejshie rubezhi rannedokembrijskoj geologicheskoy istorii i ikh izotopno-geokhronologicheskoe obosnovanie

p. 99-102

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; GEOLOGIC HISTORY; GEOLOGIC AGES; METAMORPHISM;
EARTH CORE; MAGMATISM; RIFT ZONES

Decrypting sequence of metamorphic (and ultrametamorphic) events in polymetamorphic complexes with using local methods (SHRIMP II)

S58

Glebovitskij, V.A.; Sedova, I.S. (Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rasshifrovka posledovatel'nosti metamorficheskikh (i ul'trametamorficheskikh) sobytij v polimetamorficheskikh kompleksakh s pomoshch'yu lokal'nykh metodov (SHRIMP II)
p. 102-104

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ION MICROPROBE ANALYSIS; ISOTOPE DATING; METAMORPHISM; ISOTOPE RATIO; EVOLUTION; GRANITES; GEOLOGIC STRUCTURES; SIBERIA

Time and conditions of formation of Paleovalley type deposits in Vitim ore area: data of ^{160}Sm - ^{180}Sm , ^{234}U - ^{238}U , U-Pb and K-Ar isotopic systems study

S58

Golubev, V.N.; Dubinina, E.O.; Chernyshev, I.V.; Ikonnikova, T.A.; Eremina, A.V.; Lebedev, V.A.; Krupskaya, V.V. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vremya i usloviya obrazovaniya mestorozhdenij paleodolinnogo tipa v Vitimskom rudnom rajone: dannye izlucheniya ^{160}Sm - ^{180}Sm , ^{234}U - ^{238}U , U-Pb i K-Ar izotopnykh sistem
p. 105-107

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ISOTOPE DATING; OXYGEN ISOTOPES; LEAD ISOTOPES; URANIUM ISOTOPES; POTASSIUM ISOTOPES; ARGON ISOTOPES; GEOLOGIC DEPOSITS; ISOTOPE RATIO

U-Pb systematics microvolumes of uranium minerals and geochronology of ore-forming processes

S58

Golubev, V.N.; Chernyshev, I.V. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Uran-svintsovaya sistematika mikroob"emov uranovykh mineralov i geokhronologiya rudoobrazuyushchikh protsessov

p. 107-109

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URANIUM ORES; URANIUM OXIDES; ISOTOPE DATING; URANIUM MINERALS; TECTONICS; URANIUM ISOTOPES; LEAD ISOTOPES; MINERALIZATION; CRYSTALLIZATION

Zircons U-Pb dating results of Paleoproterozoic intrusions of Udokan-Chineisky ore district (Russia)

S58

Gongal'skij, B.I. (IGEM RAN, Moscow (RU)); Timashkov, A.N.; Voyakovskij, S.L. (FGUP VSEGEI im. A.P. Karpinskogo, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb rezul'taty datirovaniya tsirkonov paleoproterozojkskikh intruzivov Udokan-Chinejskogo rudnogo rajona (Rossiya)

p. 110-112

(RU)

6 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; SIBERIA; URANIUM ISOTOPES; LEAD ISOTOPES; ION MICROPROBE ANALYSIS; ZIRCON; GABBROS; GEOLOGIC AGES

The possibility of using U-Th-Pb and Pb-Pb systems for research of naphthides S58

Gottikh, R.P.; Pisotskij, B.I. (IPNG RAN, Moscow (RU)); Pushkarev, Yu.D. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozmozhnost' ispol'zovaniya U-Th-Pb i Pb-Pb sistem dlya issledovaniya naftidov

p. 112-114

(RU)

4 refs., 1 fig., 1 tab.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)
V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials
V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii
ISBN 1-1111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ISOTOPE DATING; URANIUM ISOTOPES; THORIUM ISOTOPES; LEAD ISOTOPES;
ISOTOPE DILUTION; BITUMENS; GEOLOGIC AGES; ICP MASS SPECTROSCOPY;
PETROGENESIS

**U-Pb-age of zircons from melanocratic amphibole-clinopyroxene gabbros of
Kytlymsk array of Urals Platinum Belt**
S58

Gottman, I.A.; Pushkarev, E.V. (IGG UrO RAN, Ekaterinburg (RU))

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb-vozrast tsirkonov iz melanokratovykh amfibol-klinopiroksenovykh gabbroidov

Kytlymskogo massiva Platinonosnogo poyasa Urana

p. 115-117

(RU)

9 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii

konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; GABBROS; URANIUM ISOTOPES; LEAD ISOTOPES; GEOLOGIC AGES;
MAGMATISM; ZIRCON; ISOTOPE RATIO

³H-³He age of groundwater: method and the results of dating

S58

Gudkov, A.V.; Kamenskij, I.L.; Skiba, V.I. (GI KNTs RAN, Apatity (RU)); Tolstikhin, I.N. (GI KNTs RAN, Apatity (RU)); IKI RAN, Moscow (RU)); Tokarev, I.V. (Sankt-Peterburgskoe Otdelenie IGEh RAN, Sankt-Peterburg (RU)); GF SPbGU, Sankt-Peterburg (RU)); Melekhova, G.S. (OAO MGREh, Apatity (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

³H-³He vozrast podzemnykh vod: metod i rezul'taty datirovaniya

p. 117-119

(RU)

3 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

HELIUM 3; TRITIUM; ISOTOPE DATING; GROUND WATER; ISOTOPE RATIO; GEOLOGIC AGES; SIBERIA; WATER WELLS

New data on the age of the Early Precambrian granitoids of hoyundinsk complex of Batomgsk projection (the eastern part of the Aldan-Stanovoy shield)

S58

Gur'yanov, V.A.; Didenko, A.N.; Perestoronin, A.N.; Peskov, A.Yu.; Kosynkin, A.V. (Inst. Tektoniki i Geofiziki im. Yu.A. Kosygina DVO RAN, Khabarovsk (RU)); Zelepugin, V.N.; Berezhnaya, N.G.; Roganov, G.V. (Tsentr Izotopnykh Issledovanij, Vserossijskij Nauchno-Issledovatel'skij Geologicheskij Inst. im. A.P. Karpinskogo (TsII VSEGEI), Sankt-Peterburg (RU)); Dymovich, V.A. (Tsentr Regional'nykh Geologicheskikh Issledovanij FGUP Dal'geofizika, Khabarovsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Novye dannye o vozraste rannedokembrijskikh granitoidov khoyundinskogo kompleksa Batomgskogo vystupa (vostochnaya chast' Aldano-Stanovogo shchita)
p. 120-122
(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; DIORITES; ZIRCON; ION MICROPROBE ANALYSIS; GRANODIORITES; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; GEOLOGIC AGES; METAMORPHISM

Mesoarchean mafic dikes of Belomorian eclogite province (near the village Gridino)

S58

Dokukina, K.A. (GIN RAN, Moscow (RU); MGU, Moscow (RU)); Kaulina, T.V. (GI KNTs RAN, Apatity (RU)); Konilov, A.N. (GIN RAN, Moscow (RU); IEhM RAN, Chernogolovka (RU)); Van, K.V. (IEhM RAN, Chernogolovka (RU)); Lepekhina, E.N. (FGUP VSEGEI im. A.P. Karpinskogo, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Mezoarkhejskie maficheskie dajki Belomorskoj ehklogitovoj provintsii (rajon sela Gridino)
p. 122-125
(RU)

1 ref., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

GEOLOGIC STRUCTURES; ZIRCON; GABBROS; MAGMATISM; GEOLOGIC AGES; ISOTOPE DATING; METAMORPHISM; CRYSTALS

**Dating of core of high-pressure acid granulite crossing eclogitized olivine gabbrorite dyke (district of the village Gridino, White Sea eclogite province)
S58**

Dokukina, K.A. (GIN RAN, Moscow (RU); MGU, Moscow (RU)); Kaulina, T.V. (GI KNTs RAN, Apatity (RU)); Konilov, A.N. (GIN RAN, Moscow (RU); IEhM RAN, Chernogolovka (RU)); Van, K.V. (IEhM RAN, Chernogolovka (RU)); Lepekhina, E.N. (FGUP VSEGEI im. A.P. Karpinskogo, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Datirovanie zhily vysokobarnogo kislogo granulita, peresekayushchego ehklogitizirovannuyu dajku olivinovogo gabbrorita (rajon sela Gridino, Belomorskaya ehklogitovaya provintsiya) p. 125-127

(RU)

1 ref., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

GABBROS; METAMORPHISM; ZIRCON; ION MICROPROBE ANALYSIS; GEOLOGIC DEPOSITS; GEOLOGIC AGES; DIAGRAMS

Sm-Nd isotopic characteristics of the complexes of Mongol-Okhotsk belt juvenile crust, and a role the latter in the granite formation

S58

Dril', S.I.; Sandimirova, G.P.; Il'ina, N.N.; Chukanova, V.S.; Spiridonov, A.M. (IGKh SO RAN, Irkutsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopnye Sm-Nd kharakteristiki kompleksov yuvenil'noj kory Mongolo-Okhotskogo poyasa i rol' poslednej v protsessakh granitoobrazovaniya

p. 128-130

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; SIBERIA; GRANITES; MAGMATISM; BASALT; DIORITES; ANORTHOSITES; ISOTOPE RATIO

U-Pb age and geodynamic position of Portselorsk block granitoids (Polar Urals)

S58

Dushin, V.A. (UGGU, Ekaterinburg (RU)); Ronkin, Yu.L. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb vozrast i geodinamicheskaya pozitsiya granitoidov Portselorskogo bloka (Polyarnyj Ural)

p. 131-133

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; POLAR REGIONS; URANIUM ISOTOPES; LEAD ISOTOPES; GRANITES; ISOTOPE DATING; MINERALIZATION; GEOLOGIC STRUCTURES

U-Pb age, geodynamic position and metallogeny of granitoids of Harbeysk block, Polar Urals

S58

Dushin, V.A.; Frolova, E.V. (UGGU, Ekaterinburg (RU)); Ronkin, Yu.L. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb vozrast, geodinamicheskaya pozitsiya i metallogeniya granitoidov Kharbejskogo bloka, Polyarnyj Ural

p. 133-136

(RU)

7 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; POLAR REGIONS; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; GRANITES; CHEMICAL COMPOSITION; ION MICROPROBE ANALYSIS; GEOLOGIC AGES

Dating of ore-bearing objects of Baltic Shield using the sulfide minerals: new opportunities for Sm-Nd method

S58

Ekimova, N.A.; Serov, P.A. (GI KNTs RAN, Apatity (RU)); Lobanov, K.V. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Datirovanie rudonosnykh ob"ektov Baltijskogo shchita s ispol'zovaniem sul'fidnykh mineralov: novye vozmozhnosti Sm-Nd metoda

p. 136-138

(RU)

5 refs., 3 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; SULFIDE MINERALS; POLAR REGIONS; RARE EARTHS; DIAGRAMS

Phanerozoic geological time scale, its improving, regional scales

S58

Zhamojda, A.I. (FGUP VSEGEI im. A.P. Karpinskogo, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Shkala geologicheskogo vremeni fanerozoja, ee sovershenstvovanie, regional'nye shkaly
p. 139-141

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

GEOLOGIC AGES; STRATIGRAPHY; RUSSIAN FEDERATION; REGIONAL ANALYSIS;
COOPERATION; PALEONTOLOGY; AGE ESTIMATION

Crystallochemical characteristics of globular layered silicates, and safety of their isotopic systems

S58

Zajtseva, T.S.; Gorokhov, I.M.; Mel'nikov, N.N. (IGGD RAN, Sankt-Peterburg (RU));

Ivanovskaya, T.A. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Kristallokhimicheskie osobennosti globulyarnykh sloistykh silikatov i sokhrannost' ikh
izotopnykh sistem

p. 141-144

(RU)

16 refs., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SILICATE MINERALS; ISOTOPE DATING; PETROGENESIS; RUBIDIUM ISOTOPES;
STRONTIUM ISOTOPES; POTASSIUM ISOTOPES; ARGON ISOTOPES;
STRATIGRAPHY; GEOLOGIC STRUCTURES

**Isotope systematics of variously sized clay material: argillites of Bakeev
Formation (Wends, South Urals)**

S58

*Zajtseva, T.S.; Gorokhov, I.M.; Turchenko, T.L.; Mel'nikov, N.N.; Konstantinova, G.V. (IGGD
RAN, Sankt-Peterburg (RU))*

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopnaya sistematika raznorazmernogo glinistogo materiala: argillity bakeevskoj svity (vend,
Yuzhnyj Ural)

p. 144-146

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; ARGILLITE; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; SAMARIUM
ISOTOPES; NEODYMIUM ISOTOPES; ISOTOPE DATING; GRAIN SIZE; ISOTOPE
RATIO

**About isotope-geochronological studies of kimberlites of the Siberian Platform
S58**

*Zinchuk, N.N. (Zapadno-Yakutskij Nauchnyj Tsentr (ZYaNTs) Akademii Nauk Respubliki Sakha
(Yakutiya), Mirnyj (RU))*

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Ob izotopno-geokhologicheskikh issledovaniyakh kimberlitov Sibirskoj platformy

p. 146-148

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; KIMBERLITES; ISOTOPE DATING; DIAMONDS; MAGMATISM; GEOLOGIC AGES; FORECASTING

U-Pb dating on zircons of Sumian superhorizon metaandesibasalts of the Karelian craton

S58

Zlobin, V.L. (GIN RAN, Moscow (RU)); Bogina, M.M. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb datirovanie po tsirkonom metaandezibazal'tov sumijskogo nadgorizonta Karel'skogo kratona

p. 148-150

(RU)

4 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials
V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ZIRCON; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING; BASALT; GEOLOGIC STRUCTURES; STRATIGRAPHY; DIAGRAMS

U-Pb dating of zircon for the reconstruction of paleo-river network on the example of the study of alluvium of modern Selenga and pra-Manzurski by LA-ICP MS

S58

Ivanov, A.V.; Demonterova, E.I.; Reznitskij, L.Z.; Barash, I.G. (IZK SO RAN, Irkutsk (RU)); Khung, Ts.-Kh.; Chung, S.-L. (NTU, Tajpej, Tajvan' (CN)); Iizuka, Jo.; Vang, K.-L. (IEC AS, Tajpej, Tajvan' (CN))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb datirovanie tsirkonov metodom LA-ISPMS dlya rekonstruktsii paleorechnoj seti na primere izucheniya allyuviya sovremennoj Selengi i pra-Manzurski

p. 151-152

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; URANIUM ISOTOPES; LEAD ISOTOPES; ABLATION; ISOTOPE DATING; ICP MASS SPECTROSCOPY; LASER RADIATION; ALLUVIAL DEPOSITS; SIBERIA

Zircon growth in the areas of shear deformations

S58

Kaulina, T.V. (GI KNTs RAN, Apatity (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rost tsirkona v zonakh sdvigovykh deformatsij

p. 153-155

(RU)

14 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; OROGENESIS; EVOLUTION; AGE ESTIMATION; CRYSTALLIZATION; MINERALIZATION; METAMORPHIC ROCKS; DEFORMATION

Stratigraphy and geochronology of the Pobuzhsky granulite-gneiss complex (Ukrainian shield)

S58

Kirilyuk, V.P. (LNU im. Ivana Franko, L'vov (UA))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Stratigrafiya i geokhronologiya pobuzhskogo granulito-gnejsovogo kompleksa (Ukrainskij shchit)

p. 155-158

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

GEOLOGIC FORMATIONS; GEOLOGIC STRUCTURES; ISOTOPE DATING; GEOLOGIC AGES; UKRAINE; VOLCANIC ROCKS; STRATIGRAPHY

New U-Pb (TIMS) geochronological data about of tonalites age of sumsunur complex of the Gargan blocks - to the debate on the Paleozoic organics in the ancient strata of the Eastern Sayan

S58

Kovach, V.P.; Rytsk, E.Yu.; Sal'nikova, E.B.; Yakovleva, S.Z.; Fedoseenko, A.M. (IGGD RAN, Sankt-Peterburg (RU)); Skopintsev, V.G. (Buryatgeotsentr, Ulan-Udeh (RU)); Lykhin, D.A. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Novye U-Pb (TIMS) geokhronologicheskie dannye o vozraste tonalitov sumsunurskogo kompleksa Garganskoj glyby - k diskussii o paleozojskoj organike v drevnikh tolshchakh Vostochnogo Sayana

p. 158-160

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

MASS SPECTROSCOPY; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING;
SIBERIA; GEOLOGIC AGES; ZIRCON; COMPARATIVE EVALUATIONS

Early Baikal crystalline complexes of Early Caledonian superterrane of Central Asia, results of geochronological studies (U-Pb zircon method): geodynamic consequences

S58

Kozakov, I.K.; Sal'nikova, E.B.; Kovach, V.P.; Anisimova, I.V.; Plotkina, Yu.V.; Terent'eva, L.B.; Yakovleva, S.Z. (IGGD RAN, Sankt-Peterburg (RU)); Bibikova, E.V.; Kirnozova, T.I.; Fugzan, M.M. (GEOKhI RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rannebajkal'skie kristallicheskie komplekxy rannekaledonskogo superterrejna Tsentral'noj Azii, rezul'taty geokhologicheskikh issledovanij (U-Pb metod po tsirkonam): geodinamicheskie sledstviya

p. 161-163

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; ASIA;
GEOLOGIC AGES; METAMORPHISM

Local isotope (SHRIMP) and non-isotopic (CHIME) dating of metasomatic zircons from the area of the village Gridino (White Sea eclogite province)

S58

Kornilov, A.N. (IEhM RAN, Chernogolovka (RU)); GIN RAN, Moscow (RU)); Dokukina, K.A.

(GIN RAN, Moscow (RU); MGU im. M.V. Lomonosova, Moscow (RU)); Khiller, V.V. (IGiG UrO RAN, Ekaterinburg (RU)); Van, K.V. (IEhM RAN, Chernogolovka (RU)); Viryus, A.A. (IEhM RAN, Chernogolovka (RU)); IGEhM RAN, Moscow (RU)); Simakin, S.G. (YarO FTI RAN, Yaroslavl' (RU)); Larionov, A.N. (TsII VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Lokal'noe izotopnoe (SHRIMP) i neizotopnoe (CHIME) datirovanie metasomaticheskikh tsirkonov iz rajona s. Gridino (Belomorskaya eklogitovaya provintsiya)

p. 163-165

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; ISOTOPE DATING; PETROGRAPHY; GEOCHEMISTRY; SITE CHARACTERIZATION; URANIUM ISOTOPES; LEAD ISOTOPES; GEOLOGIC AGES

Age of ferruginous eclogitic rocks of mine Wide Salma (White Sea eclogite province)

S58

Kornilov, A.N. (IEhM RAN, Chernogolovka (RU); GIN RAN, Moscow (RU)); Bayanova, T.B. (IG KNTs RAN, Apatity (RU)); Dokukina, K.A. (GIN RAN, Moscow (RU)); MGU im. M.V. Lomonosova, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozrast zhelezistyx ehklogitopodobnykh porod iz kar'era Shirokaya Salma (Belomorskaya ehklogitovaya provintsiya)

p. 166-167

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

FERRITE GARNETS; GRAPHITE; SITE CHARACTERIZATION; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING; ZIRCON

⁴⁰Ar/³⁹Ar-dating of Pleistocene pyrogenic rocks of Kuzbas: methodology and geological interpretation

S58

Korzhova, S.A.; Travin, A.V.; Sokol, E.V.; Yudin, D.S. (IGM SO RAN, Novosibirsk (RU)), e-mail: korzhova@igm.nsc.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

⁴⁰Ar/³⁹Ar-datirovanie plejstotsenovykh pirogennykh porod Kuzbassa: metodika i geologicheskaya interpretatsiya

p. 167-170

(RU)

3 refs., 1 fig., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ARGON 40; ARGON 39; SIBERIA; ISOTOPE RATIO;
METAMORPHISM; COAL

"⁴0Ar-³9Ar age of primitive achondrites: SaU 402, Dh 312 and Dh 500

S58

Korochantseva, E.V.; Bujkin, A.I.; Lorents, K.A.; Korochantsev, A.V. (GEOKhI RAN, Moscow (RU)); Hopp, J.; Trieloff, M. (Inst. of Geosciences, Heidelberg Univ., Heidelberg (DE))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

"⁴0Ar-³9Ar vozrasta primitivnykh akhondritov: SaU 402, Dh 312 i Dh 500

p. 170-172

(RU)

10 refs., 3 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ACHONDRITES; ARGON 40; ARGON 39; ISOTOPE DATING; GEOLOGIC AGES;
CHONDRITES

Modern problems of U-Pb researches of zircon in oceanic rocks

S58

Kostitsyn, Yu.A. (GEOKhI RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Sovremennye problemy U-Pb issledovanij tsirkona v okeanicheskikh porodakh

p. 172-175

(RU)

3 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; METAMICT STATE; TEMPERATURE RANGE 1000-4000 K; OCEANIC CRUST

U-Pb and Sm-Nd data on the age of foundation of Median ridge of Kamchatka S58

Kostitsyn, Yu.A.; Revyako, N.M. (GEOKhI RAN, Moscow (RU); MGU, Moscow (RU)); Anosova, M.O. (GEOKhI RAN, Moscow (RU)); Stepanov, V.A. (NIGTTs, Petropavlovsk-Kamchatskij (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb i Sm-Nd dannye o vozraste fundamenta Sredinnogo khrebtta Kamchatki

p. 175-177

(RU)

1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

KAMCHATKA; URANIUM ISOTOPES; LEAD ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; ISOTOPE DATING; GEOLOGIC AGES; MAGMATISM; METAMORPHISM; SCHISTS; GNEISSES; ZIRCON

Matching results dating of Mesozoic igneous rocks of the Russian North-East: U-Pb (SHRIMP), Rb-Sr, Ar-Ar, K-Ar methods

S58

Kotlyar, I.N.; Zhulanova, I.L.; Rusakova, T.B.; Gagieva, A.M. (FGBUN SVKNII DVO RAN, Magadan (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Soglasovanie rezul'tatov datirovaniya mezozojksikh magmaticheskikh porod Severo-Vostoka Rossii: U-Pb (SHRIMP), Rb-Sr, Ar-Ar, K-Ar metody

p. 178-180

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

MESOZOIC ERA; MAGMA; URANIUM ISOTOPES; LEAD ISOTOPES; STRONTIUM ISOTOPES; ARGON ISOTOPES; POTASSIUM ISOTOPES; ISOTOPE DATING

Geochronological studies of polymetamorphic complexes: methodological approaches, capabilities and limitations

S58

Kotov, A.B.; Sal'nikova, E.B.; Kovach, V.P.; Yakovleva, S.Z.; Kozakov, I.K. (IGGD RAN, Sankt-

Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhronologicheskie issledovaniya polimetamorficheskikh kompleksov: metodicheskie podkhody, vozmozhnosti i ogranicheniya

p. 180-181

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

METAMORPHIC ROCKS; ISOTOPE DATING; POTASSIUM ISOTOPES; ARGON ISOTOPES; URANIUM ISOTOPES; HELIUM ISOTOPES; METAMORPHISM

Dating of metasomatic processes and ore-bearing granitoids of porphyry copper deposits of Nakhodka ore field (Western Chukotka)

S58

Kotova, M.S.; Kostitsyn, Yu.A. (GEOKhI RAN, Moscow (RU); Geologicheskij Fakul'tet MGU, Moscow (RU)); Nagornaya, E.V.; Baksheev, I.A.; Nikolaev, Yu.N.; Kal'ko, I.A. (Geologicheskij Fakul'tet MGU, Moscow (RU)); Anosova, M.O. (GEOKhI RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Datirovanie metasomaticheskogo protsessa i rudonosnykh granitoidov medno-porfirovykh mestorozhdenij Nakhodkinskogo rudnogo polya (Zapadnaya Chukotka)

p. 181-184

(RU)

2 refs., 1 fig., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; GRANITES; GEOLOGIC DEPOSITS; PETROGENESIS; ZIRCON; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES

The influence of the residual gas in the chamber of ion source of the mass spectrometer MC-ICP-MS NEPTUNE on Nd isotopes mass-discrimination S58

Kramchaninov, A.Yu.; Chugaev, A.V.; Chernyshev, I.V.; Serdyuk, N.I. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vliyanie ostatochnogo gaza v kamere istochnika ionov mass-spektrometra MC-ICP-MS NEPTUNE na mass-diskriminatsiyu izotopov Nd

p. 184-186

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

Late Mesozoic-Early Cenozoic granitoid magmatism of Southern Primorye: new data of Ar-Ar isotopic studies

S58

Kruk, N.N.; Travin, A.V. (IGM SO RAN, Novosibirsk (RU)); Valuj, G.A.; Golozubov, V.V. (DVGI DVO RAN, Vladivostok (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Pozdnemezozojksij-rannekajnozojskij granitoidnyj magmatizm Yuzhnogo Primor'ya: novye dannye Ar-Ar izotopnykh issledovanij

p. 187-189

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ARGON ISOTOPES; MAGMATISM; ISOTOPE DATING; PACIFIC OCEAN; GRANITES;
VOLCANISM; GEOLOGIC STRATA

Geochemical features, Sr-Nd isotopic systematics and fluid regime of fluorites formation of the Suran (South Urals) deposits

S58

Krupenin, M.T.; Ronkin, Yu.L. (IGG UrO RAN, Ekaterinburg (RU)); Prokhaska, V. (Univ. Leobena, Leoben (AT))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Geokhimicheskie osobennosti, Sr-Nd izotopnaya sistematika i flyuidnyj rezhim formirovaniya
flyuoritov mestorozhdeniya Suran (Yuzhnyj Ural)

p. 189-192

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

STRONTIUM ISOTOPES; NEODYMIUM ISOTOPES; URALS; GEOLOGIC DEPOSITS;
FLUORITE; ICP MASS SPECTROSCOPY; ISOTOPE RATIO

Informativity of Re-Os isotope systematics of gold on the example of gold ore metasomatites of deposit May, North Karelia

S58

*Krymskij, R.Sh.; Gol'tsin, N.A.; Sergeev, S.A. (VSEGEI, Sankt-Peterburg (RU)); Bushmin, S.A.;
Savva, E.V. (IGGD RAN, Sankt-Peterburg (RU)); Belyatskij, B.V. (IGGD RAN, Sankt-Peterburg
(RU); VNIIOkeanologiya, Sankt-Peterburg (RU))*

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Informativnost' Re-Os izotopnoj sistematiki zolota na primere zolotorudnykh metasomatitov
mestorozhdeniya Majskoe, Severnaya Kareliya

p. 192-195

(RU)

10 refs., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of

their study, chronology of geological processes. Conference materials
V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

RHENIUM ISOTOPES; OSMIUM ISOTOPES; ISOTOPE DATING; PYRITE; GEOLOGIC DEPOSITS; SITE CHARACTERIZATION; ISOTOPE RATIO; GOLD ORES

Practical aspects of dating of molybdenite by Re-Os

S58

Krymskij, R.Sh.; Gol'tsin, N.A.; Kapitonov, I.N.; Sergeev, S.A. (TsII VSEGEI, Sankt-Peterburg (RU)); Belyatskij, B.V. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Prakticheskie aspekty datirovaniya molibdenita Re-Os metodom

p. 195-198

(RU)

10 refs., 4 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

RHENIUM ISOTOPES; OSMIUM ISOTOPES; ISOTOPE DATING; MOLYBDENUM ORES; ISOTOPE RATIO; ACCURACY

Neoproterozoic magmatism of the Kola region: U-Pb, Rb-Sr and Sm-Nd geochronological and isotope-geochemical investigations

S58

Kudryashov, N.M.; Petrovskij, M.N.; Mokrushin, A.V.; Elizarov, D.V. (GI KNTs RAN, Apatity

(RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov Neoarkhejskij sanukitoidnyj magmatizm Kol'skogo regiona: U-Pb, Rb-Sr i Sm-Nd geokhronologicheskie i izotopno-geokhimicheskie issledovaniya p. 198-200

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

MAGMATISM; GRANITES; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; SITE CHARACTERIZATION; ZIRCON; DIAGRAMS

Detrital zircons from the Paleozoic strata of the Polar Urals - a new tool for testing the model of tectonic evolution of the region

S58

Kuznetsov, N.B. (GIN RAN, Moscow (RU); RUDN, Kafedra MPI im. V.M. Krejtera, Moscow (RU)), e-mail: kouznikbor@mail.ru, nogil@mail.ru; Soboleva, A.A.; Udoratina, O.V. (IG KNTs UrO RAN, Syktyvkar (RU)), e-mail: soboleva@geo.komisc.ru; Miller, Eh.L. (Stehnfordskij Univ., Kaliforniya (US)); Gerels, Dzh. (Arizonskij Univ., Tuson, Arizona (US)); Romanyuk, T.V. (IFZ RAN, Moscow (RU)), e-mail: t.romanyuk@mail.ru; Orlov, S.Yu. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov Detritnye tsirkony iz paleozojskikh tolshch Polyarnogo Urala - novyj instrument dlya testirovaniya modeli tektonicheskoy ehvolyutsii regiona p. 201-203

(RU)

6 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; URALS; PLATE TECTONICS; DIAGRAMS; DETRITUS; ISOTOPE RATIO; GEOLOGIC AGES; POLAR REGIONS

Isotope-age characteristics and postsedimentary transformations of Jurassic terrigenous complex of Eastern Caucasus

S58

Kushcheva, Yu.V.; Latysheva, I.V.; Gavrilov, Yu.O. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopno-voznrastnye kharakteristiki i postsedimentatsionnye preobrazovaniya yurskogo terrigenogo kompleksa Vostochnogo Kavkaza

p. 203-206

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; CAUCASUS; JURASSIC PERIOD; POTASSIUM ISOTOPES; ARGON ISOTOPES; DEFORMATION; SITE CHARACTERIZATION; SEDIMENTS

Modern isotope mass spectrometers for precision analysis of noble gases
S58

Lapshin, S.Yu. (ZAO MS-ANALITIKA, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Sovremennye izotopnye mass-spektrometry dlya pretsizionnogo analiza blagorodnykh gazov p. 206-207

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; MASS SPECTROSCOPY; REVIEWS; ISOTOPE RATIO; ACCURACY; HELIUM 3; RARE GASES

Comparison of two approaches to the dating of individual zircons: Kober technique and SIMS (for example, granitoids of the Pechora plate foundation and cryogenic tillites of Svalbard)
S58

Larionov, A.N. (FGUP VSEGEI, Sankt-Peterburg (RU)); Teben'kov, A.M. (FGUNPP PMGREh, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Sravnenie dvukh podkhodov k datirovaniyu edinichnykh tsirkonov: metodika Kobera i SIMS (na primere granitoidov fundamenta Pechorskoj plity i kriogenijskikh tillitov Sval'barda)
p. 207-208

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ZIRCON; LEAD 207; LEAD 206; COMPARATIVE EVALUATIONS;
ION MICROPROBE ANALYSIS; GRANITES; POLAR REGIONS

Some possibilities and limitations of U-Pb SIMS analysis

S58

Larionov, A.N. (FGUP VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

O nekotorykh vozmozhnostyakh i ogranicheniyakh U-Pb SIMS analiza

p. 209-211

(RU)

6 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ION MICROPROBE ANALYSIS; ZIRCON; ACCURACY; URANIUM 235; LEAD 207; GEOLOGIC AGES

To interpreting the data U-Pb method for zircons

S58

Levskij, L.K. (IGGD RAN, Sankt-Peterburg (RU)); TsII VSEGEI, Sankt-Peterburg (RU));

Morozova, I.M. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

K interpretatsii dannykh U-Pb metoda dlya tsirkonov

p. 211-214

(RU)

1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URANIUM 238; URANIUM 235; LEAD 206; LEAD 207; ISOTOPE DATING; ZIRCON; METAMORPHISM; MINERALIZATION; DIAGRAMS

U-Pb and Sm-Nd systems of metamorphic minerals (garnets): new methodological approaches

S58

Levskij, L.K. (IGGD RAN, Sankt-Peterburg (RU)); TsII VSEGEI, Sankt-Peterburg (RU));

Rizvanova, N.G.; Bogomolov, E.S.; Baltybaev, Sh.K.; Sergeeva, N.A.; Vasil'eva, I.M.; Guseva, V.F. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb i Sm-Nd sistemy metamorficheskikh mineralov (granaty): novye metodicheskie podkhody p. 214-216

(RU)

8 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; GARNETS; LEACHING; SULFURIC ACID; DIAGRAMS

The results of $^{40}\text{Ar}/^{39}\text{Ar}$ dating of ultramafites and mafites of Ust-Belsky terrane (central Chukotka) and their interpretation

S58

Ledneva, G.V.; Sokolov, S.D. (GIN RAN, Moscow (RU)); Bazylev, B.A.; Kononkova, N.N. (GEOKhI RAN, Moscow (RU)); Lehjer, P. (UAF, Fehrbanks (US)); Ishivatari (CNEAS, Tohoku Univ., Sendaj (JP))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rezul'taty $^{40}\text{Ar}/^{39}\text{Ar}$ datirovaniya ul'tramafitov i mafitov Ust'-Bel'skogo terrejna (tsentral'naya Chukotka) i ikh interpretatsiya

p. 217-219

(RU)

5 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ARGON 39; ARGON 40; ISOTOPE DATING; SIBERIA; GABBROS; GEOLOGIC AGES; METAMORPHISM; SITE CHARACTERIZATION

Geochemistry and isotopic age of zircons from the rocks of Berezovsky polygenic mafit-ultramafit massif (Sakhalin, Russia)

S58

Lesnov, F.P. (IGM SO RAN, Novosibirsk (RU)), e-mail: lesnovfp@list.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhimiya i izotopnyj vozrast tsirkonov iz porod Berezovskogo poligenogo mafit-ul'tramafitovogo massiva (o. Sakhalin, Rossiya)

p. 219-222

(RU)

4 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; SIBERIA; MULTI-ELEMENT ANALYSIS; RARE EARTHS; GEOLOGIC AGES; DIAGRAMS

U-Pb geochemistry of staurolites: new methodological approaches

S58

Lobikov, A.F.; Levskij, L.K. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb geokhimiya stavrolitov: novye metodicheskie podkhody

p. 222-224

(RU)

7 refs., 4 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SILICATE MINERALS; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; METAMORPHISM; LEACHING; SULFURIC ACID; DIAGRAMS; GEOLOGIC AGES

Stages of Phanerozoic activation of Salminsky array of rapakivi granites (Karelia) according to the local isotopic study of zircons

S58

Lokhov, D.K. (Geologicheskij Fakul'tet SPbGU, Sankt-Peterburg (RU)); Rodionov, N.V.

(VSEGEI, Sankt-Peterburg (RU)); Sergeev, S.A. (Geologicheskij Fakul'tet SPbGU, Sankt-

Peterburg (RU); VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Ehtapy fanerozojskoj aktivizatsii Salminskogo massiva granitov rapakivi (Kareliya) po dannym lokal'nogo izotopnogo izucheniya tsirkonov

p. 225-227

(RU)

5 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; GARNETS; ISOTOPE DATING; RUSSIAN FEDERATION; URANIUM ISOTOPES; LEAD ISOTOPES; DEVONIAN PERIOD; DIAGRAMS

U-Pb and Lu-Hf systems in zircons from the rocks of section of Onega parametric well (Karelia)

S58

Lokhov, K.I. (Geologicheskij Fakul'tet SPbGU, Sankt-Peterburg (RU); VSEGEI, Sankt-Peterburg (RU)); Sergeev, S.A. (VSEGEI, Sankt-Peterburg (RU); Geologicheskij Fakul'tet SPbGU, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb i Lu-Hf sistemy v tsirkonakh iz porod razreza Onezhskoj parametricheskoj skvazhiny (Kareliya)

p. 227-230

(RU)

2 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URANIUM ISOTOPES; LEAD ISOTOPES; LUTETIUM ISOTOPES; ZIRCON; RUSSIAN FEDERATION; EXPLORATORY WELLS; DRILL CORES; VOLCANOES; DIAGRAMS

New isotopic Sr-Nd characteristics of igneous rocks and ores of Snezhnyj beryllium deposit

S58

Lykhin, D.A. (IGEM RAN, Moscow (RU)); Vorontsov, A.A. (IGKh SO RAN, Irkutsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Novye izotopnye Sr-Nd kharakteristiki magmaticheskikh porod i rud Snezhnogo berillievogo mestorozhdeniya

p. 230-232

(RU)

5 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ENVIRONMENTAL MATERIALS; GEOLOGIC DEPOSITS; ISOTOPE DATING; MAGMA; ORES; SITE CHARACTERIZATION; NEODYMIUM 143; NEODYMIUM 144; SAMARIUM 147; STRONTIUM 86; STRONTIUM 87; ISOTOPE RATIO

U-Pb age and Hf-Nd isotope systematics of carbonatites of Gulinsky massif (Maymecha-Kotuiszkaya Province, Russia)

S58

Malich, K.N. (Inst. Geologii i Geokhimii UrO RAN, Ekaterinburg (RU); ARC GEMOC, Univ. Makvori, Sidnej (AU)); Badanina, I.Yu. (Inst. Geologii i Geokhimii UrO RAN, Ekaterinburg (RU)); Belousova, E.A. (ARC GEMOC, Univ. Makvori, Sidnej (AU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb voзраст i Hf-Nd izotopnaya sistematika karbonatitov Gulinskogo massiva (Majmecha-Kotujskaya provintsiya, Rossiya)

p. 233-235

(RU)

13 refs., 3 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; URANIUM ISOTOPES; LEAD ISOTOPES; NEODYMIUM ISOTOPES; HAFNIUM ISOTOPES; ISOTOPE DATING; BADDELEYITE; DIAGRAMS; ISOTOPE RATIO

Evaluation of chemical weathering of rocks on the isotope data

S58

Malov, A.I. (IEhPS UrO RAN, Arkhangel'sk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Otsenka khimicheskogo vyvetrivaniya gornyx porod po izotopnym dannym

p. 236-238

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of

their study, chronology of geological processes. Conference materials
V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ISOTOPE DATING; URANIUM 234; URANIUM 238; ISOTOPE RATIO; WEATHERING; ROCKS; GROUND WATER; AQUIFERS; DISSOLUTION

Dating of magmatic formations of the mountain Dagestan

S58

Magomedov, Sh.A.; Rasulov, G.S.; Magomedov, A.Sh.; Chupalaev, Ch.M. (Inst. Problem Geotermii DNTs RAN, Makhachkala (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Datirovanie magmaticheskikh obrazovanij gornogo Dagestana

p. 238-241

(RU)

1 fig., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

CAUCASUS; DIORITES; DIABASES; PETROGENESIS; MAGMATISM; ISOTOPE DATING

Correct calculation of age and its errors using coordinates of the point on the chart with concordia

S58

Mel'nikov, N.N. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Korrektnoe vychislenie vozrasta i ego pogreshnostej po koordinatam tochki na grafike s konkordiej

p. 241-243

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM 235; URANIUM 238; LEAD 207; LEAD 206; COMPUTER CALCULATIONS; ERRORS

On interpretation of the $^{39}\text{Ar}/^{40}\text{Ar}$ method data

S58

Morozova, I.M. (IGGD RAN, Sankt-Peterburg (RU)); Levskij, L.K. (TsII VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

K interpretatsii dannykh metoda $^{39}\text{Ar}/^{40}\text{Ar}$

p. 244-246

(RU)

12 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ARGON 39; ARGON 40; NEUTRON ACTIVATION ANALYSIS; REVIEWS;
GEOTHERMAL HEATING; MINERALS; ISOTOPE DATING

Features and new possibilities of modern multi-collector devices

S58

Murav'ev, M.V. (ZAO MS-Analitika, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Osobennosti i novye vozmozhnosti sovremennykh mul'tikollektornykh priborov

p. 246-247

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

REVIEWS; ISOTOPE DATING; ICP MASS SPECTROSCOPY; SENSITIVITY; ZIRCON;
USES; ION PROBES

Protolith of precipitations of Hedozersk-Bolshezersk greenstone belt of the Karelian province the Baltic Shield: U-Pb isotope dating of terrigenous zircons and Sm-Nd isotopic study of precipitations

S58

Nazarova, D.P. (GEOKhI RAN, Moscow (RU); MGU, Moscow (RU)); Anosova, M.O.; Bibikova, E.V.; Kostitsyn, Yu.A. (GEOKhI RAN, Moscow (RU)); Slabunov, A.I. (GI Karel'skogo NTs, Petrozavodsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Protolit osadkov Khedozersko-Bol'shezerskogo zelenokamennogo poyasa Karel'skoj provintsii Baltijskogo shchita: U-Pb izotopnoe datirovanie terrigennykh tsirkonov i Sm-Nd izotopnoe issledovanie osadkov

p. 247-249

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; COMPARATIVE EVALUATIONS; GEOLOGIC STRUCTURES

Isotope-geochronological characteristics of ore deposition and magmatism processes in deposits of gold-sulfide disseminated ores in carbon-terrigenous strata of the south of Western Siberia and Eastern Kazakhstan

S58

Naumov, E.A.; Kovalev, K.R.; Kalinin, Yu.A.; Borisenko, A.S. (Inst. Geologii i Mineralogii SO RAN, Novosibirsk (RU)), e-mail: naumov@igm.nsc.ru; Seltmann, R. (Muzej Estestvennoj Istorii, London (GB))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopno-geokhologicheskaya kharakteristika protsessov rudootlozheniya i magmatizma na

mestorozhdeniyakh zoloto-sul'fidnykh vkraplennykh rud v uglerodisto-terrigenykh tolshchakh yuga Zapadnoj Sibiri i Vostochnogo Kazakhstana
p. 250-252

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; KAZAKHSTAN; ISOTOPE DATING; HYDROTHERMAL ALTERATION; ARGON 39; ARGON 40; MAGMATISM; GEOLOGIC DEPOSITS; ZIRCON; MINERALIZATION

Sources of substance, age and genetic linkage of carbonatites and dyke K-ultrabasites of Chetlassky complex (Middle Timan): the new Rb-Sr and Sm-Nd data

S58

Nedosekova, I.L.; Ronkin, Yu.L.; Lepikhina, O.P.; Soloshenko, N.G. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Istochniki veshchestva, vozrast i geneticheskaya svyaz' karbonatitov i dajkovykh K-ul'trabazitov Chetlasskogo kompleksa (S. Timan): novye Rb-Sr i Sm-Nd dannye

p. 253-255

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of

their study, chronology of geological processes. Conference materials
V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
URALS; ISOTOPE DATING; NEODYMIUM 143; NEODYMIUM 144; STRONTIUM 86; STRONTIUM 87; ISOTOPE RATIO; APATITES; CARBONATE MINERALS

Formation of an optical pattern of cathodoluminescence monocrystalline grains S58

Novikov, I.A. (RGGRU im. S. Ordzhonikidze, Moscow (RU)); Griboedova, I.G. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Formirovanie opticheskogo patterna katodolyuminestsentsii monokristallicheskikh zeren
p. 255-257

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; MONOCRYSTALS; ZIRCON; ONTOGENESIS; LUMINESCENCE; OPTICAL MODELS; USES

Sedimentary and volcanogenic-sedimentary series of Late Neoproterozoic rift structures of south-western periphery of the Siberian craton: data on composition, age, conditions of formation, and peculiarities of metallogeny S58

Nozhkin, A.D.; Dmitrieva, N.V. (IGM SO RAN, Novosibirsk (RU)); Bayanova, T.B. (GI KNTs RAN, Apatity (RU)); Berezhnaya, N.G.; Larionov, A.N. (VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Osadochnye i vulkanogenno-osadochnye serii pozdnego neoproterozoya riftogennykh struktur yugo-zapadnoj okrainy Sibirskogo kratona: dannye o sostave, vozraste, usloviyakh obrazovaniya i osobennostyakh metallogenii

p. 257-259

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; RIFT ZONES; MAGMATISM; ISOTOPE DATING; VOLCANISM;
MINERALIZATION; GEOLOGIC AGES; CORRELATIONS

Determination of U-Pb and Pb-Pb age of sedimentary and metasomatic carbonate rocks of Precambrian

S58

Ovchinnikova, G.V.; Gorokhov, I.M.; Kuznetsov, A.B. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Opreделение U-Pb i Pb-Pb vozrasta osadochnykh i metasomaticheskikh karbonatnykh porod dokembriya

p. 260-262

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM 238; LEAD 206; LEAD 204; LEAD 207; CARBONATE
MINERALS; GEOLOGIC AGES; SIBERIA; ISOTOPE RATIO

U-Pb systematics of the Riphean magnesites of Satka Formation, Southern Urals S58

*Ovchinnikova, G.V.; Kuznetsov, A.B.; Gorokhov, I.M.; Kaurova, O.K.; Gorokhovskij, B.M. (Inst.
Geologii i Geokhronologii Dokembriya RAN, Sankt-Peterburg (RU)); Krupenin, M.T. (Inst.
Geologii i Geokhimii UrO RAN, Ekaterinburg (RU))*

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb sistematika rifejskikh magnezitov satkinskoj svity, Yuzhnyj Ural

p. 262-265

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; CALCITE; MAGNESIUM CARBONATES; ISOTOPE DATING; URANIUM
ISOTOPES; LEAD ISOTOPES; ISOTOPE RATIO; GEOLOGIC AGES

The problem of estimating the age of crystallization of zircons from enderbite-granulite association of Northern Baikal

S58

Orlova, A.V. (MGU, Moscow (RU); GIN RAN, Moscow (RU)); Anosova, M.O. (GEOKhI RAN, Moscow (RU)); Fedotova, A.A. (GIN RAN, Moscow (RU); GEOKhI RAN, Moscow (RU)); Kostitsyn, Yu.A. (MGU, Moscow (RU); GEOKhI RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Problema otsenki vozrasta kristallizatsii tsirkonov ehnderbit-granulitovoj assotsiatsii Severnogo Pribajkal'ya

p. 265-268

(RU)

4 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; LAKE BAIKAL; ZIRCON; CRYSTALLIZATION; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; GNEISSES; MICROSTRUCTURE

Spatiotemporal regularities of Kamchatka Median ridge volcanic activity in the Holocene

S58

Pevzner, M.M. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Prostranstvenno-vremennye zakonomernosti vulkanicheskoy aktivnosti Sredinnogo khrebtta Kamchatki v golotsene

p. 268-270

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

KAMCHATKA; VOLCANISM; VOLCANOES; ISOTOPE DATING; ERUPTION;
CORRELATIONS; SPACE DEPENDENCE; TIME DEPENDENCE

Chemostratigraphy and the problem of the age of koterskaya and uakitskaya series, Late Precambrian (?) of interior regions of the Baikal mountain area S58

Pokrovskij, B.G.; Buyakajte, M.I. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Khemostratigrafiya i problema vozrasta koterskoj i uakitskoj serij, pozdnij dokembrij (?) vnutrennikh rajonov Bajkal'skoj gornoj oblasti

p. 270-273

(RU)

7 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; LAKE BAIKAL; STRONTIUM 86; STRONTIUM 87; ISOTOPE RATIO; ISOTOPE DATING; GEOLOGIC STRATA; GEOLOGIC AGES

Time difference of formation of various OCVB segments (according to the Ar-Ar and SHRIMP U-Pb isotope dating): the result of movement of lithospheric plates S58

Polin, V.F.; Sakhno, V.G. (DVGI DVO RAN, Vladivostok (RU)); Tikhomirov, P.L. (MGU im. M.V. Lomonosova, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Raznovremennost' formirovaniya razlichnykh segmentov OChVP (po dannym Ar-Ar i SHRIMP U-Pb izotopnogo datirovaniya): rezul'tat dvizheniya litosfernykh plit

p. 273-276

(RU)

7 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

VOLCANIC REGIONS; VOLCANOES; SIBERIA; ISOTOPE DATING; ARGON ISOTOPES; URANIUM ISOTOPES; LEAD ISOTOPES; LITHOTYPES; VOLCANISM; ACCURACY

Two stages of mineralization on the gold-polymetallic deposit Berezitovoe of western part of the Selenga-Stanovoy super terrane: results of Ar/Ar geochronological studies S58

Ponomarchuk, An.V.; Travin, A.V.; Ponomarchuk, V.A. (Inst. Geologii i Mineralogii SO RAN, Novosibirsk (RU)), e-mail: antponomar@gmail.com; Sorokin, A.A. (Inst. Geologii i

Prirodopol'zovaniya DVO RAN, Blagoveshchensk (RU), e-mail: sorokin@ascnet.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Dva ehtapa rudoobrazovaniya na zoloto-polimetallicheskom mestorozhdenii Berezitovoe zapadnoj chasti Selengino-stanovogo superterrejna: rezul'taty Ar/Ar geokhronologicheskikh issledovaniy

p. 276-278

(RU)

11 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

GEOLOGIC DEPOSITS; POLYMETALLIC ORES; ARGON ISOTOPES; ISOTOPE DATING; SIBERIA; GOLD ORES; GEOLOGIC AGES; MINERALIZATION

The use of isotope geochronology for solving geoarchaeological problems (for example, Russian Far East)

S58

Popov, V.K.; Budnitskij, S.Yu. (DVGI DVO RAN, Vladivostok (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Ispol'zovanie metodov izotopnoj geokhronologii dlya resheniya geoarkheologicheskikh zadach (na primere Dal'nego Vostoka Rossii)

p. 278-281

(RU)

6 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

POTASSIUM ISOTOPES; ARGON ISOTOPES; ISOTOPE DATING; TEKTITES;
VOLCANIC ROCKS; USES; KAMCHATKA; GEOLOGIC AGES

U-Pb dating of granites and metasomatites of Berezovsky gold ore deposit (Middle Urals)

S58

Pribavkin, S.V.; Fershtater, G.B. (IGG UrO RAN, Ekaterinburg (RU)); Montero, P.; Bea, F. (Dept. Mineralogii i Petrologii, Univ. Goroda Granada, Granada (ES))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb datirovanie granitov i metasomatitov Berezovskogo zolotorudnogo mestorozhdeniya (Srednij Ural)

p. 281-284

(RU)

10 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

**¹⁹⁰Pt-¹⁸⁶Os and ¹⁸⁷Re-¹⁸⁷Os isotopic systems in geochemistry
and cosmochemistry**

S58

Pukhtel', I.S. (Univ. of Maryland, College Park (US))

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

¹⁹⁰Pt-¹⁸⁶Os i ¹⁸⁷Re-¹⁸⁷Os izotopnye sistemy v geokhimii i kosmokhimii

p. 284-286

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);
Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po
Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,
Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.
Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU);
Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond
Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of
their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy
konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

PLATINUM 190; OSMIUM 186; RHENIUM 187; OSMIUM 187; ISOTOPE DATING;
MINERALIZATION; PETROGENESIS; ISOTOPE RATIO; GEOCHEMISTRY;
COSMOCHEMISTRY

**On the problem of the age of pseudo leucite tylaits of the Urals Platinum Belt: K-
Ar, Rb-Sr, Sm-Nd and U-Pb SHRIMP-II isotopic constraints**

S58

Pushkarev, E.V.; Ronkin, Yu.L.; Lepikhina, O.P. (IGG UrO RAN, Ekaterinburg (RU))

**V Russian Conference on isotope geochronology Geochronometric isotopic systems,
methods of their study, chronology of geological processes**

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye
sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

K probleme vozrasta psevdolejtsitovykh tylaitov Platinonosnogo poyasa Urala: K-Ar, Rb-Sr,
Sm-Nd i U-Pb SHRIMP-II izotopnye ogranicheniya

p. 287-289

(RU)

14 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; ISOTOPE DATING; POTASSIUM ISOTOPES; ARGON ISOTOPES; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON

Basis for interpretation of the results obtained by the methods for multistage age spectra: the role of L.L. Shanin in their development

S58

Pushkarev, Yu.D. (IGGD RAN, Sankt-Peterburg (RU)), e-mail: ydcanon@rambler.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Osnovy interpretatsii rezul'tatov, poluchaemykh metodami stupenchatykh vozrastnykh spektrov: rol' L.L. Shanina v ikh razrabotke

p. 289-292

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Probleмам Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ARGON 39; ARGON 40; RELIABILITY; ACCURACY;
RADIONUCLIDE MIGRATION; HEATING; USES

Relict minerals of the mantle protoliths in the igneous rocks on the results of Re-Os and U-Pb isotope dating of native platinoids and zircons

S58

Pushkarev, Yu.D.; Kostoyanov, A.I. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Reliktovye mineraly mantijnykh protolitov v magmaticheskikh porodakh po rezul'tatam izotopnogo datirovaniya samorodnykh platinoidov i tsirkonov Re-Os i U-Pb metodami

p. 292-294

(RU)

1 ref., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; IGNEOUS ROCKS; RHENIUM ISOTOPES; OSMIUM ISOTOPES; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING; RUSSIAN FEDERATION; MAGMATISM

Thermochronology of paleomagnetism

S58

Pushkarev, Yu.D. (IGGD RAN, Sankt-Peterburg (RU)), e-mail: ydcanon@rambler.ru;

Starchenko, S.V. (IZMIRAN, Troitsk, Moskovskaya Obl. (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Termokhronologiya paleomagnetizma

p. 295

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

PALEOMAGNETISM; ISOTOPE DATING; EVOLUTION; AMPHIBOLITES; CURIE POINT; MAGNETIZATION; GEOLOGIC AGES; MAGNETITE

Argon isotope fractionation in the bulk-foamed Late Cenozoic low-K andesibasalts and modern high-K trachytes

S58

Rasskazov, S.V.; Chuvashova, I.S. (IZK SO RAN, Irkutsk (RU); IGU, Irkutsk (RU)); Brandt, S.S. (IZK SO RAN, Irkutsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Fraktsionirovanie izotopov argona v ob'emno-vspenennykh pozdnokajnozoijskikh nizkokalievnykh andezibazal'takh i sovremennykh vysokokalievnykh trahitakh

p. 296-298

(RU)

6 refs., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials
V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ARGON 39; ARGON 40; VOLCANIC REGIONS; ISOTOPE DATING; ISOTOPE RATIO; LAVA; VOLCANISM

Systematics of Sayany and Khangai young basalts using nonequilibrium series ^{238}U : identification of control of mantle melting by accumulation and melting of glaciers

S58

Rasskazov, S.V.; Chuvashova, I.S. (IZK SO RAN, Irkutsk (RU); IGU, Irkutsk (RU)); Chebykin, E.P. (IZK SO RAN, Irkutsk (RU); LIN SO RAN, Irkutsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Sistematika molodykh bazal'tov Sayan i Khangaya po neravnovesnoj serii ^{238}U : vyyavlenie kontrolya plavljeniya mantii nakopleniem i staivaniem lednikov

p. 299-301

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URANIUM 238; BASALT; GLACIERS; SIBERIA; MOUNTAINS; EARTH MANTLE; THORIUM 230; ISOTOPE DATING

The scheme of magmatism in Chatkal-Qurama active outskirts

S58

Rafikov, Ya.M. (IGiG im. Kh.M. Abdullaeva, Tashkent (UZ))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Skhema magmatizma Chatkalo-Kuraminskoj aktivnoj okrainy

p. 302-304

(RU)

1 ref., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

MAGMATISM; BASALT; TUFF; ANDESITES; PLUTONIC ROCKS; ISOTOPE DATING; GEOLOGIC AGES

Geochronology of metamorphic processes (Sharyzhalgai promontory of Siberian craton)

S58

Rizvanova, N.G.; Bogomolov, E.S.; Sergeeva, N.A.; Guseva, V.F.; Vasil'eva, I.M.; Levskij, L.K. (IGGD RAN, Sankt-Peterburg (RU)); Levitskij, V.I. (IGGD RAN, Sankt-Peterburg (RU)); Inst. Geokhimii SO RAN, Irkutsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhronologiya metamorficheskikh protsessov (Sharyzhalgajskij vystup Sibirskogo kratona)

p. 304-306

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; METAMORPHISM; MINERALS

Rb-Sr and Sm-Nd isotope systematics of apatite-phlogopite clinopyroxenites of dunite core of the Konder array (Aldan Shield)

S58

Ronkin, Yu.L.; Efimov, A.A.; Lepikhina, G.A.; Lepikhina, O.P.; Soloshenko, N.G. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Rb-Sr i Sm-Nd izotopnaya sistematika apatit-flogopitovykh klinopiroksenitov dunitovogo yadra Konderskogo massiva (Aldanskij shchit)

p. 306-309

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; SAMARIUM ISOTOPES;
NEODYMIUM ISOTOPES; APATITES; ISOTOPE RATIO

Sm-Nd systematics and fluid regime of the formation of rodingites of Alpine-type hyperbasites of the Karabashsky massif, Southern Urals

S58

Ronkin, Yu.L.; Murzin, V.V.; Lepikhina, O.P. (IGG UrO RAN, Ekaterinburg (RU)); Varlamov, D.A. (IEhM RAN, Chernogolovka (RU)); Shanina, S.N. (IG Komi NTs UrO RAN, Syktyvkar (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Sm-Nd sistematika i flyuidnyj rezhim obrazovaniya rodingitov al'pinotipnykh giperbazitov Karabashskogo massiva, Yuzhnyj Ural

p. 309-311

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; ISOTOPE DATING;
MINERALIZATION; GEOTHERMAL FLUIDS; MINERALS

Geochemical and Sm-Nd isotope systematics of bottom sediments of the White Sea

S58

Ronkin, Yu.L.; Maslov, A.V.; Lepikhina, O.P. (IGG UrO RAN, Ekaterinburg (RU)); Shevchenko, V.P.; Novigatskij, A.N.; Filippov, A.S. (IO, Moscow (RU)); Shevchenko, N.V. (MGU, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems,

methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhimicheskaya i Sm-Nd izotopnaya sistematika donnykh osadkov Belogo morya

p. 312-314

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SEA BED; SEDIMENTS; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; ISOTOPE DATING; RIVERS; PLUTONIC ROCKS

On the problem of dating of typical cut of the Southern Urals Riphean by isotope geology

S58

Ronkin, Yu.L.; Maslov, A.V. (IGG UrO RAN, Ekaterinburg (RU)); Sindern, S. (Univ. Aakhen, Aakhen (DE))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

K probleme datirovaniya tipovogo razreza rifeya Yuzhnogo Urala metodami izotopnoj geologii

p. 314-317

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po

Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU);

Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of

their study, chronology of geological processes. Conference materials
V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
URALS; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON; ACCURACY; VOLCANISM; STRATIGRAPHY

Isotopes of lead and Pb-Pb model age galenites of Tamunerskoe gold mining deposit: the first TL_N MC ICP-MS data

S58

Ronkin, Yu.L.; Streletskaya, M.V.; Moloshag, V.P.; Nokhrina, D.A.; Lepikhina, O.P.; Votyakov, S.L. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopy svintsa i Pb-Pb model'nyj vozrast galenitov Tamun'erskogo zolotorudnogo mestorozhdeniya: pervye TL_N MC ICP-MS dannye

p. 317-319

(RU)

6 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URALS; GOLD ORES; LEAD 204; LEAD 206; LEAD 207; DIAGRAMS; ISOTOPE RATIO

Sm-Nd data on isotopy of the Late Archaean komatiite-tholeiitic associations

Lgov-Rakitnyanskij Greenstone Belt of KMA

S58

Ryborak, M.V.; Al'bekov, A.Yu. (VGU, Voronezh (RU)); Savatenkov, V.M. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Dannye Sm-Nd izotopii pozdnearkhejskoj komatiit-toleitovoj assotsiatsii L'govsko-Rakitnyanskogo zelenokamennogo poyasa KMA

p. 320-322

(RU)

2 refs., 1 fig., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; NEODYMIUM 143; NEODYMIUM 144; SAMARIUM 147; ISOTOPE RATIO; MAGMATISM; BASALT

Chronology and genesis of the Patom crater (Eastern Siberia)

S58

Savichev, A.A. (Natsional'nyj Mineral'no-Syr'evoj Univ. Gornyj, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Khronologiya i genezis Patomskogo kratera (Vostochnaya Sibir')

p. 322-325

(RU)

9 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ISOTOPE DATING; CRATERS; VOLCANISM; PETROGENESIS; ORIGIN; ZIRCON; CALCITE

U-Pb geochronology of igneous rocks - review of methods and approaches

S58

Sal'nikova, E.B.; Kotov, A.B.; Yakovleva, S.Z.; Anisimova, I.V.; Fedoseenko, A.M.; Plotkina, Yu.V. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb geokhronologiya magmaticheskikh porod - obzor metodov i podkhodov

p. 325-326

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-1111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

REVIEWS; MAGMA; ISOTOPE DATING; ICP MASS SPECTROSCOPY; ION MICROPROBE ANALYSIS; URANIUM ISOTOPES; LEAD ISOTOPES; ACCURACY

U-Pb, Sm-Nd and Rb-Sr isotopic studies of intraplate basites: problems of dating and their solutions

S58

Samsonov, A.V.; Larionova, Yu.O. (IGEM RAN, Moscow (RU)); Sal'nikova, E.B. (IGGD RAN, Sankt-Peterburg (RU)); Stepanova, A.V. (IG KarNTs RAN, Petrozavodsk (RU)); Larionov, A.N. (VSEGEI, Sankt-Peterburg (RU)); Ipat'eva, I.S. (GIN RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb, Sm-Nd i Rb-Sr izotopnye issledovaniya vnutriplitnykh bazitov: problemy datirovaniya i puti ikh resheniya

p. 326-329

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; SAMARIUM ISOTOPES; NEODYMIUM ISOTOPES; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; MAGMA; BADDELEYITE; ZIRCON

Isotope geochronology of ultrabasite-basite ore-magmatic systems of Uzbekistan

S58

Sajdiganiev, S.S.; Akhundzhanov, R.; Zenkova, S.O.; Karimova, F.B. (IGiG ANRUz, Tashkent (UZ))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopnaya geokhronologiya ul'trabazit-bazitovykh rudno-magmaticeskikh sistem Uzbekistana

p. 329-331

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

UZBEKISTAN; ORES; MAGMA; GABBROS; STRONTIUM 86; STRONTIUM 87; ISOTOPE RATIO

The origin of helium isotopes in minerals and problems of dating of U-Th-He method

S58

Sevost'yanov, A.Yu.; Skiba, V.I.; Kamenskij, I.L.; Vetrin, V.R. (GI KNTs RAN, Apatity (RU)); Tolstikhin, I.N. (GI KNTs RAN, Apatity (RU)); IKI RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Proiskhozhdenie izotopov geliya v mineralakh i problemy datirovaniya U-Th-He metodom p. 332-334

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URANIUM ISOTOPES; THORIUM ISOTOPES; ISOTOPE DATING; HELIUM 3; HELIUM 4; ISOTOPE RATIO; ILMENITE; TEMPERATURE RANGE 1000-4000 K

Regularities of geochemistry of eclogite zircons as a basis when allocating of high-pressure metamorphism stages (for example, eclogites of Belomorian Mobile Belt)

S58

Skublov, S.G.; Berezin, A.V.; Mel'nik, A.E. (IGGD RAN, Sankt-Peterburg (RU)); Berezhnaya, N.G. (VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Zakonomernosti geokhimii ehklogitovykh tsirkonov kak osnova pri vydelenii ehtapov vysokobaricheskogo metamorfizma (na primere ehklogitov Belomorskogo podvizhnogo poyasa) p. 334-336

(RU)

3 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU);

Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst.

Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

METAMORPHISM; ZIRCON; URANIUM ISOTOPES; LEAD ISOTOPES; ISOTOPE DATING; RARE EARTHS; ORIGIN

Neoproterozoic Onega granulite complex of Karelian Craton: compositional features and new data of zircon isotope dating

S58

Slabunov, A.I.; Korol', N.E.; Sibelev, O.S.; Volodichev, O.I. (IG KarNTs RANb, Petrozavodsk (RU)); Berezhnaya, N.G. (TsII VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems,

methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Neoarkhejskij onezhskij granulitovyj kompleks Karel'skogo kratona: osobennosti sostava i novye dannye izotopnogo datirovaniya tsirkonov

p. 336-338

(RU)

4 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; ISOTOPE DATING; GRANULITES; METAMORPHISM; GEOLOGIC AGES; URANIUM ISOTOPES; THORIUM ISOTOPES; LEAD 207; LEAD 206

Sources of zircons in Paleozoic clastic sediments of Oldoyskij terrane of Central Asian fold belt: results of geochronological (U-Pb, LA-ICP-MS) researches **S58**

Smirnova, Yu.N.; Sorokin, A.A. (IGiP DVO RAN, Blagoveshchensk (RU)); Kotov, A.B.; Kovach, V.P.; Sal'nikova, E.B. (IGGD RAN, Sankt-Peterburg (RU)); Popeko, L.I. (ITiG DVO RAN, Khabarovsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Istochniki tsirkonov v paleozojskikh terrigennykh otlozheniyakh Ol'dojskogo terrejna

Tsentral'no-Aziatskogo skladchatogo poyasa: rezul'taty geokhronologicheskikh (U-Pb, LA-ICP-MS) issledovanij

p. 339-341

(RU)

8 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya,

Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; URANIUM ISOTOPES; LEAD ISOTOPES; ICP MASS SPECTROSCOPY; DETRITUS; SANDSTONES

Breeds of Vendian and Lower Paleozoic on the Greater Caucasus: data on zirconology

S58

Somin, M.L.; Kamzolkin, V.A. (IFZ RAN, Moscow (RU)); Natapov, L.M.; Belousova, E.A. (Gemoc Center, Univ. Makvori, Sidnej (AU)); Potapenko, Yu.Ya. (Karachaevsk-Cherkesskij Gosudarstvennyj Univ., Karachaevsk (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Porody venda i nizhnego paleozoya na Bol'shom Kavkaze: dannye tsirkonologii

p. 341-344

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

Late Mesozoic adakite volcanism of Uganskij field (south-eastern framing of the North-Asian craton): $^{40}\text{Ar}/^{39}\text{Ar}$ geochronological and geochemical data
S58

Sorokin, A.A.; Sorokin, A.P. (IGiP DVO RAN, Blagoveshchensk (RU)); Ponomarchuk, V.A.; Travin, A.V. (IGM SO RAN, Novosibirsk (RU)); Larin, A.M. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Pozdne mezozojskij adakitovij vulkanizm Uganskogo polya (yugo-vostochnoe obramlenie Severo-Aziatskogo kratona): $^{40}\text{Ar}/^{39}\text{Ar}$ geokhronologicheskie i geokhimiicheskie dannye p. 344-346

(RU)

9 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdokumentstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdokumentstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ISOTOPE DATING; ARGON 40; ARGON 39; VOLCANISM; ISOTOPE RATIO;
ANDESITES; MAGMATISM; RHYOLITES

Technique of interpreting the results of geochronological studies of detrital zircons
S58

Tolmacheva, E.V.; Velikoslavinskij, S.D.; Kovach, V.P.; Kotov, A.B.; Krylov, D.P.; Sal'nikova, E.B. (IGGD RAN, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Metodika interpretatsii rezul'tatov geokhronologicheskikh issledovanij detritovykh tsirkonov
p. 347-349
(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ZIRCON; DETRITUS; ISOTOPE DATING; USES; EXPERIMENT PLANNING; SHALES; GNEISSES; METAMORPHISM; PETROGENESIS

Thermochronology (U-Pb, Ar-Ar) of granitoid batholiths and the estimated duration of orogenic events

S58

Travin, A.V.; Polyanskij, O.P.; Yudin, D.S. (IGM SO RAN, Novosibirsk (RU)), e-mail: travin@igm.nsc.ru (and others)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Termokhronologiya granitoidnykh batolitov (U-Pb, Ar-Ar) i otsenka dlitel'nosti orogenicheskikh sobytij

p. 350-352

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye

sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

GRANITES; ISOTOPE DATING; ARGON 39; ARGON 40; URANIUM ISOTOPES; LEAD ISOTOPES; ZIRCON; MONAZITES; BIOTITE; MUSCOVITE; MINERALIZATION

Archean igneous and metamorphic events in the crust formation of the southwest of the Siberian craton

S58

Turkina, O.M.; Urmantseva, L.N. (IGM SO RAN, Novosibirsk (RU)); Kapitonov, I.N.; Berezhnaya, N.G. (TsII VSEGEI, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Arkhejskie magmaticheskie i metamorficheskie sobytiya v formirovanii kory yugo-zapada Sibirskogo kratona

p. 353-355

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; REVIEWS; ISOTOPE DATING; URANIUM ISOTOPES; LEAD ISOTOPES; LUTETIUM ISOTOPES; HAFNIUM ISOTOPES; ZIRCON; MAGMATISM; METAMORPHISM; GRANULITES

Isotopically geochronometric systems in the granitoids of Sobsky array (Polar Urals)

S58

Udoratina, O.V.; Andreichev, V.L. (IG KNTs UrO RAN, Syktyvkar (RU)), e-mail: udoratina@geo.komisc.ru, andreichev@geo.komisc.ru; Kuznetsov, N.B. (GIN RAN, Moscow (RU)), e-mail: kouznikbor@mail.ru; Posokhov, V.F. (GIN SO RAN, Ulan-Udeh (RU)), e-mail: vitaf1@yandex.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopno-geokhrometricheskie sistemy v granitoidakh Sobskogo massiva (Polyarnyj Ural) p. 356-358

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; ISOTOPE DATING; GRANITES; DIORITES; GNEISSES; MINERALIZATION; STRONTIUM 86; STRONTIUM 87; SAMARIUM 147; NEODYMIUM 144; EARTH MANTLE

Isotope-geochemical features of platinum intrusions of Monchegorsk ore area (Kola Peninsula, Russia)

S58

Chashchin, V.V.; Bayanova, T.B.; Serov, P.A. (GI KNTs RAN, Apatity (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopno-geokhicheskie osobennosti platinonosnykh intruzij Monchegorskogo rudnogo rajona (Kol'skij poluostrov, Rossiya)

p. 358-361

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ARCTIC REGIONS; ISOTOPE DATING; RIFT ZONES; PERIDOTITES; CHONDRITES; RARE EARTHS; GEOLOGIC DEPOSITS

Isotopic composition of natural uranium

S58

Chernyshev, I.V.; Baranova, A.N.; Golubev, V.N.; Chugaev, A.V. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Izotopnyj sostav prirodnoho urana

p. 361-363

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

Age and sources of magmatism and gold ore mineralization of Darasunsky ore field, Eastern Transbaikalia (Russia): data Rb-Sr, K-Ar and Pb-Pb (MC-ICP-MS) methods

S58

Chernyshev, I.V.; Chugaev, A.V.; Prokof'ev, V.Yu.; Gol'tsman, Yu.V.; Lebedev, V.A.; Larionova, Yu.O.; Bairova, Eh.D.; Eremina, A.V. (IGEM RAN, Moscow (RU)), e-mail: chug@igem.ru; Zorina, L.D. (IGKh SO RAN, Irkutsk (RU)), e-mail: irazor@rambler.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vozrast i istochniki magmatizma i zolotorudnoj mineralizatsii Darasunskogo rudnogo polya, Vostochnoe Zabajkal'e (Rossiya): dannye Rb-Sr, K-Ar i Pb-Pb (MC-ICP-MS) metodov

p. 364-366

(RU)

7 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralologii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; MINERALIZATION; MAGMATISM; GOLD ORES; RUBIDIUM ISOTOPES; STRONTIUM ISOTOPES; POTASSIUM ISOTOPES; ARGON ISOTOPES; LEAD ISOTOPES; ICP MASS SPECTROSCOPY; ISOTOPE DATING

Contrast Pb isotopic composition of gold ore mineralization at the border of the Baikal-Patom and Baikal-Muya fold belts of Transbaikalia (Russia)

S58

Chugaev, A.V.; Chernyshev, I.V.; Ikonnikova, T.A.; Kramchaninov, A.Yu. (IGEM RAN, Moscow (RU)), e-mail: chug@igem.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Kontrastnyj izotopnyj sostav Pb zolotorudnoj mineralizatsii na granitse Bajkalo-Patomskogo i Bajkalo-Mujskogo skladchatykh poyasov Zabajkal'ya (Rossiya)

p. 366-368

(RU)

3 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; ISOTOPE RATIO; LEAD 207; LEAD 204; LEAD 208; LEAD 206; URANIUM 238; THORIUM 232; MINERALIZATION; PLUTONIC ROCKS

Heterogeneity of sources Pb of deposits of the Klichka-Darasunsky and Shakhtama ore-formation zones of Eastern Transbaikalia (Russia)

S58

Chugaev, A.V.; Chernyshev, I.V.; Kiseleva, G.D.; Kovalenker, V.A.; Prokof'ev, V.Yu. (IGEM RAN, Moscow (RU)), e-mail: chug@igem.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossjskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Geterogenost' istochnikov Pb mestorozhdenij Klichkinsko-Darasunskoj i Shakhtaminskoj rudno-formatsionnykh zon Vostochnogo Zabajkal'ya (Rossiya)

p. 369-371

(RU)

6 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhvedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhvedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond

Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

SIBERIA; MINERALIZATION; GEOLOGIC DEPOSITS; LEAD ISOTOPES; ISOTOPE DATING; GALENA; ICP MASS SPECTROSCOPY; PETROGENESIS; ISOTOPE RATIO; MAGMATISM

U-Pb dating of zircons from Medvedevsky Array: age frontiers of mid-Riphean mineralized (Ti-Fe-V) intrusions of the Southern Urals

S58

Shagalov, E.S.; Kholodnov, V.V. (IGG UrO RAN, Ekaterinburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

U-Pb datirovanie tsirkonov Medvedevskogo massiva: vozrastnye rubezhi srednerifejskikh rudonosnykh (Ti-Fe-V) intruzij Yuzhnogo Urala

p. 371-374

(RU)

7 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovaniy, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

URALS; GRANITES; ISOTOPE DATING; DIAGRAMS; URANIUM 235; LEAD 207; ZIRCON

Geochronometric isotopic systems with radiogenic ${}^4\text{He}$ of native metals: new, ${}^{190}\text{Pt}$ - ${}^4\text{He}$ method of isotopic geochronology

S58

Shukolyukov, Yu.A. (Inst. Geologii i Geokhologii Dokembriya RAN, Sankt-Peterburg (RU); Kafedra Geologii Mestorozhdenij Poleznykh Iskopaemykh, Geologicheskij Fakul'tet SPb GU, Sankt-Peterburg (RU)); Yakubovich, O.V. (Inst. Geologii i Geokhologii Dokembriya RAN, Sankt-Peterburg (RU); Kafedra Geokhimii, Geologicheskij Fakul'tet SPb GU, Sankt-Peterburg (RU)); Mochalov, A.G.; Kotov, A.B.; Sal'nikova, E.B.; Yakovleva, S.Z. (Inst. Geologii i Geokhologii Dokembriya RAN, Sankt-Peterburg (RU)); Korneev, S.I. (Kafedra Geologii Mestorozhdenij Poleznykh Iskopaemykh, Geologicheskij Fakul'tet SPb GU, Sankt-Peterburg (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geokhrometricheskie izotopnye sistemy s radiogennym ${}^4\text{He}$ v samorodnykh metallakh: novyj, ${}^{190}\text{Pt}$ - ${}^4\text{He}$ metod izotopnoj geokhologii

p. 374-377

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdovedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdovedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhologii Geokhrometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

PLATINUM 190; HELIUM 4; ISOTOPE DATING; GABBROS; SAND; POLYMETALLIC ORES; ANDESITES; BASALT; MINERALS; MINERAL RESOURCES

The mechanism of argon diffusion in a biotite under high temperatures and pressures

S58

Yudin, D.S.; Pokhilenko, L.N.; Alifirova, T.A.; Travin, A.V.; Zhimulev, E.I.; Korzhova, S.A. (Sobolev Inst. of Geology and Mineralogy SB RAS, Novosibirsk (RU)), e-mail: dsyudin@gmail.com

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov
Mekhanizm diffuzii argona v biotite v usloviyakh vysokikh temperatur i davlenij
p. 377-380

(RU)

1 fig., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

ARGON 39; ARGON 40; BIOTITE; MUSCOVITE; ISOTOPE DATING; DIFFUSION;
MINERALS; TEMPERATURE DEPENDENCE; PRESSURE DEPENDENCE

Influence of granulite-facies metamorphism on strontium isotopic characteristics in plagioclase

S58

Yurkova, R.M.; Voronin, B.I. (Inst. Problem Nefti i Gaza RAN, Moscow (RU)), e-mail: bivrrnyrzb@mtu-net.ru

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Vliyanie metamorfizma granulitovoj fatsii na izotopnye kharakteristiki strontsiya v plagioklazakh

p. 380-382

(RU)

5 refs., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials
V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii
ISBN 1-11111-111-1
Moscow (RU)
IGEM RAN
2012
391 p.
ANORTHOSITES; METAMORPHISM; STRONTIUM 86; STRONTIUM 87; DIOPSIDE; MAGMA; ISOTOPE RATIO; LAMELLAE

Geological, geochronological and isotopic geochemical parameters of the evolution of the South Khangai hot spot of mantle

S58

Yarmolyuk, V.V.; Kudryashova, E.A.; Lebedev, V.A.; Kozlovskij, A.M. (IGEM RAN, Moscow (RU))

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes

Moscow (RU)

4-6 Jun 2012

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov

Geologicheskie, geokhronologicheskie i izotopno-geokhimicheskie parametry ehvolyutsii Yuzhno-Khangajskoj goryachej tochki mantii

p. 383-385

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Otdelenie Nauk o Zemle RAN, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geokhimii, Moscow (RU); Mezhdedomstvennyj Sovet po Rudoobrazovaniyu, Moscow (RU); Nauchnyj Sovet RAN po Problemam Geologii Dokembriya, Moscow (RU); Mezhdedomstvennyj Stratigraficheskij Komitet, Sankt-Peterburg (RU); Inst. Geologii Rudnykh Mestorozhdenij, Petrografii, Mineralogii i Geokhimii RAN, Moscow (RU); Inst. Geologii i Geokhronologii Dokembriya RAN, Moscow (RU); Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU)

V Russian Conference on isotope geochronology Geochronometric isotopic systems, methods of their study, chronology of geological processes. Conference materials

V Rossijskaya konferentsiya po izotopnoj geokhronologii Geokhronometricheskie izotopnye sistemy, metody ikh izucheniya, khronologiya geologicheskikh protsessov. Materialy konferentsii

konferentsii

ISBN 1-11111-111-1

Moscow (RU)

IGEM RAN

2012

391 p.

VOLCANIC REGIONS; ISOTOPE DATING; VOLCANISM; POTASSIUM ISOTOPES; ARGON ISOTOPES; GEOLOGIC AGES; EARTH MANTLE; MAGMATISM

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2.

Problems of fundamental science. Strategic information technologies

S36;S43

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya Sessiya NIYaU MIFI-2013

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

(RU)

LEADING ABSTRACT; MEETINGS; NANOSTRUCTURES; MATERIALS; ELECTRICAL PROPERTIES; CONTROL EQUIPMENT; SPACE; BEAMS

In the second volume of the collection there are annotations of the reports of the annual Scientific session of NRNU MEPHI-2013. The reports cover a wide range of issues concerning the present problems of theoretical physics and mathematics, solid state and nanosystems physics, beam physics, nuclear and particle physics, astrophysics and cosmophysics, strategic information technologies and their application in nuclear engineering, science and education, as well as achievements in laser physics, in research of coherent phenomena in superconductors and nanostructures

Во втором томе сборника приведены аннотации докладов, представленных на ежегодную Научную сессию НИЯУ МИФИ 2013 года. Доклады охватывают широкий круг вопросов, связанных с современными проблемами теоретической физики и математики, физики твердого тела и наносистем, физики пучков, физики ядра и частиц, астрофизики и космофизики, стратегических информационных технологий и их применения в атомной энергетике, науке и образовании, а также отражают достижения в лазерной физике, в исследовании когерентных явлений в сверхпроводниках и наноструктурах

On resonance light reflection from islands of nanoparticle monolayer

S77

Grigor'eva, I.G.; Strikhanov, M.N.; Tishchenko, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O rezonansnom otrazhenii sveta ot ostrovkov monosloya nanochastits

p. 52

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
NANOSTRUCTURES; PARTICLE SIZE; THIN FILMS; REFLECTION; RESONANCE
SCATTERING; MATHEMATICAL MODELS

Analysis of peculiarities of ZnO microfilms luminescence

S71

Tarasov, A.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Ryzhkov, M.V.; Rumyantsev, S.I.; Markushev, V.M.; Briskina, Ch.M. (Inst. Radiotekhniki i Ehlektroniki im. V.A. Kotel'nikova RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Analiz osobennostej lyuminestsentsii mikroplenok ZnO

p. 52

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ZINC OXIDES; THIN FILMS; LUMINESCENCE; EXCITONS; CRYSTAL DEFECTS;
MATHEMATICAL MODELS; EXCITATION

Numerical simulation of organic solar cell with space heterojunction and plasmonic nanoparticles

S77

Ikhsanov, R.N. (FGUP NII Priborov, Lytkarino, Moskovskaya Obl. (RU)); Protsenko, I.E.; Uskov, A.V. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Tameev, A.R.; Vannikov, A.V. (Inst. Fizicheskij Khimii i Ehlektrokhimii im. A.N. Frumkina RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Chislennoe modelirovanie organicheskikh solnechnykh ehlementov s ob'emnym

geteroperekhodom i plazmonnymi nanochastitsami

p. 53

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ORGANIC SOLAR CELLS; PLASMONS; HETEROJUNCTIONS; COMPUTERIZED SIMULATION; NANOSTRUCTURES; THIN FILMS; ELECTRIC CONDUCTIVITY; PHOTOEMISSION; EFFICIENCY

Study of fullerene C₂_0 chains kinetic stability

S37;S77

Podlivaev, A.I.; Katin, K.P.; Zar Ni Aung (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie kineticheskoy ustojchivosti tsepohek iz fullerenov C₂_0

p. 53

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

FULLERENES; CHEMICAL BONDS; DECOMPOSITION; CHEMICAL REACTION KINETICS; COMPUTERIZED SIMULATION

Quantum register on the base of diamond waveguide with NV-centres

S77

Tsukanov, A.V.; Kateev, I.Yu.; Orlikovskij, A.A. (Fiziko-Tekhnologicheskij Inst. RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Kvantovyy registr na osnove almaznogo volnovoda s NV-tsentrami

p. 54

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

DIAMONDS; NANOSTRUCTURES; QUBITS; RESONATORS; WAVEGUIDES;
COMPUTERIZED SIMULATION

Coherent effects in polarization terahertz electron bunch radiation in channel S71

Ponomarenko, A.A.; Ryazanov, M.I.; Sergeeva, D.Yu.; Strikhanov, M.N.; Tishchenko, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehffekty kogerentnosti v polarizatsionnom teragertsevom izluchenii sgustka ehlektronov v kanale

p. 54

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

WAVEGUIDES; ELECTRON BEAMS; ELECTROMAGNETIC RADIATION; THZ RANGE

Transient phenomena in resonant tunneling diode with account of electron-electron interaction

S71

Elesin, V.F.; Sukochev, A.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Kateev, I.Yu. (Fiziko-Tekhnologicheskij Inst. RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Perekhodnye protsessy v rezonansno-tunnel'nom diode s uchetom mezhelektronnogo vzaimodejstviya

p. 55

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TUNNEL DIODES; ELECTRON-ELECTRON INTERACTIONS; SCHROEDINGER EQUATION

Quantum networks with laser control

S71

Danilov, A.P.; Chekmachev, V.G.; Tsukanov, A.V. (Fiziko-Tekhnologicheskij Inst. RAN, Moscow (RU); Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.), Dolgoprudnyj, Moskovskaya Obl. (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Kvantovye seti s lazernym upravleniem

p. 55

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

QUBITS; RESONATORS; LASERS; RESONANCE; SCHROEDINGER EQUATION; COMPUTERIZED SIMULATION

Nonstationary Aharonov-Bohm effect and its relation with EPR paradox

S71

Volchkov, N.A.; Zherikhina, L.N.; Karuzskij, A.L.; Perestoronin, A.V.; Tskhovrebov, A.M. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Nestatsionarnyj ehffekt Aaronova-Boma i ego svyaz' s EhPR paradoksom

p. 56

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

AHARONOV-BOHM EFFECT; MAGNETIC FIELDS; INTERFERENCE; ELECTRON SOURCES; DISTANCE; ELECTRONIC EQUIPMENT; TIME DEPENDENCE

Coagulation process of gold nanoclusters in thin film of amorphous SiO₂

S77

Alymov, M.I.; Gnezdovets, A.G. (Inst. Metallurgii i Materialovedeniya im. A.A. Bajkova RAN, Moscow (RU)); Timofeev, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Protsess koagulyatsii nanoklasterov zolota v tonkoj plenke amorfnoho SiO₂

p. 56

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; SOLID CLUSTERS; GOLD; SILICON OXIDES; AMORPHOUS STATE; THIN FILMS; TRANSMISSION ELECTRON MICROSCOPY; PROMPT ELECTRONS; GRAIN BOUNDARIES

Resonant stimulation of gamma radiation of electrons channeled in monocrystal
S71

Kalashnikov, N.P.; Ol'chak, A.S.; Khangulyan, E.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Rezonansnoe stimulirovanie gamma-izlucheniya kanalirovannykh v monokristalle ehlektronov
p. 57

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON CHANNELING; MONOCRYSTALS; GAMMA RADIATION; RESONANCE; LASER RADIATION; STIMULATION

Speed study of the switching processes in single and double quantum well resonant tunneling structures on the base of InAlAs-InGaAs-InP
S36

Savinov, S.A.; Klimenko, O.A.; Murzin, V.N. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)) (and others)

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovaniya bystrodejstviya protsessov pereklyucheniya v odnoyamnykh i dvukhyamnykh rezonansno-tunnel'nykh strukturakh na osnove InAlAs-InGaAs-InP

p. 57

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SWITCHING DIODES; TUNNEL DIODES; INDIUM ARSENIDES; ALUMINIUM ARSENIDES; GALLIUM ARSENIDES; INDIUM PHOSPHIDES; EPITAXY; VELOCITY; NANOSTRUCTURES; THZ RANGE; RESONANCE

Investigation of current harmonics of forced oscillations on resonant-tunneling diode

S71

Bezotosnyj, I.Yu.; Elant'ev, I.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie garmonik toka vyzhdennykh kolebanij na rezonansno-tunnel'nom diode

p. 58

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TUNNEL DIODES; RESONANCE; ELECTRIC CURRENTS; HARMONICS; ELECTRIC CONDUCTIVITY; ELECTRIC POTENTIAL

Experimental dependences of resonant-tunneling diode parameters on spacer layers dimension

S71

Bezotosnyj, I.Yu.; Glotova, K.; Zhizhin, K.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehksperimental'nye zavisimosti parametrov rezonansno-tunnel'nogo dioda ot razmera spejsernykh sloev

p. 58

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TUNNEL DIODES; RESONANCE; ELECTRIC CONDUCTIVITY; TEMPERATURE RANGE 0065-0273 K; TEMPERATURE RANGE 0013-0065 K; TEMPERATURE DEPENDENCE; MICROSTRUCTURE

Comparative parameters of weak magnetic field sensors

S71

Ichkitidze, L.P. (Natsional'nyj Issledovatel'skij Univ. MIEhT, Zelenograd (RU)); Gavryushina, M.L. (OAO Bazovye Tekhnologii, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sravnitel'nye parametry datchikov slabykh magnitnykh polej

p. 59

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MAGNETIC FIELDS; SENSORS; MAGNETIC PROPERTIES; SUPERCONDUCTING FILMS; NANOSTRUCTURES; COMPARATIVE EVALUATIONS

Simulation of high-energy nitrogen-containing compounds

S37

Degtyarenko, N.N.; Maslov, M.M.; Katin, K.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie vysokoenergeticheskikh azotosoderzhashchikh soedinenij

p. 59

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ORGANIC NITROGEN COMPOUNDS; MOLECULAR STRUCTURE; ISOMERIZATION; ACTIVATION ENERGY; DECOMPOSITION; SIMULATION

Superconducting film magnetic field concentrator with nanosized branches **S75**

Ichkitidze, L.P. (Natsional'nyj Issledovatel'skij Univ. MIEhT, Zelenograd (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sverkhprovodyashchij plenochnyj kontsentrator magnitnogo polya s nanorazmernymi vetvyami
p. 60

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SUPERCONDUCTORS; MAGNETIC FIELDS; THIN FILMS; ELECTRICAL EQUIPMENT; NANOSTRUCTURES; MAGNETORESISTANCE; COMPARATIVE EVALUATIONS

Simulation of HEMT-transistors

S71

Degtyarenko, N.N.; Moiseev, D.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie HEMT-tranzistorov

p. 60

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TRANSISTORS; SIMULATION; CARRIER MOBILITY; ELECTRIC CONDUCTIVITY; ELECTRIC POTENTIAL; MICROSTRUCTURE

Pinning force calculation in Ginzburg-Landau model

S71

Elesin, V.F.; Grishakov, K.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet sily pinninga v modeli Ginzburga-Landau

p. 61

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MAGNETIC FLUX; GINZBURG-LANDAU THEORY; CRYSTAL DEFECTS; MATHEMATICAL MODELS; COMPARATIVE EVALUATIONS

Singlet approximation of surface physics in liquids

S75

Agrafonov, Yu.V.; Zelentsov, N.A.; Petrushin, V.S.; Petrushin, I.S. (Irkutskij Gosudarstvennyj

Univ., Irkutsk (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Singletnye priblizheniya fiziki poverkhnostnykh yavlenij v zhidkostyakh

p. 64

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

BOUNDARY LAYERS; THIN FILMS; APPROXIMATIONS; DISTRIBUTION; SURFACE PROPERTIES; LIQUIDS

Magnetic excitations and phase diagram of $\text{EuCu}_2(\text{Si}_x\text{Ge}_{1-x})_2$

S36

Alekseev, P.A. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Nemkovskij, K.S. (Juelich Centre for Neutron Science, Forschungszentrum, Juelich (DE)); Min'ou, Zh.-M. (LLB, CEA/Saclay, Gif sur Yvette (FR)); Gribanov, A.V. (Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)); Yaroslavtsev, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Lazukov, V.N. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)); Klement'ev, E.S. (Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU); Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Magnitnye vozбуzhdeniya i fazovaya diagrama $\text{EuCu}_2(\text{Si}_x\text{Ge}_{1-x})_2$

p. 64

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EUROPIUM ALLOYS; COPPER ALLOYS; GERMANIUM ALLOYS; SILICON ALLOYS;
VALENCE; EXCITON MODEL; PHASE DIAGRAMS; MAGNETIC SUSCEPTIBILITY

Investigation of superconducting Ba_{1-x}K_xAs₂Fe₂ monocrystal - the advanced material for superconducting wires

S36

Andreev, D.S. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Vlasenko, V.A.; El'tsev, Yu.F.; Pudalov, V.M. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Pervakov, K.S. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU)); Khlybov, E.P. (Inst. Fiziki Vysokikh Davlenij im. L.F. Vereshagina RAN, Otdel Nizkikh Temperatur, Troitsk (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie sverkhprovodyashchego monokristalla Ba_{1-x}K_xAs₂Fe₂ - perspektivnogo materiala dlya sverkhprovodyashchikh provodov

p. 65

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

BARIUM ALLOYS; POTASSIUM ALLOYS; ARSENIC ALLOYS; IRON ALLOYS;
MONOCRYSTALS; SUPERCONDUCTIVITY; SUPERCONDUCTING WIRES; MAGNETIC
PROPERTIES; ANISOTROPY

Thermoelectric coefficient in the Eu_{1-x}Ca_xB₆ system

S36

Bajbakov, R.F. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)); Glushkov, V.V.; Demishev, S.V. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarsvennyj Univ.), Dolgoprudnyj, Moskovskaya Obl. (RU)); Dukhnenko, A.V.; Filipov, V.B. (Inst. Problem Materialovedeniya im. I.N. Frantsevicha NANU, Kiev (UA)); Sluchanko, N.E. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Koeffitsient termoechds v sisteme Eu_{1-x}Ca_xB₆

p. 65

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MONOCRYSTALS; EUROPIUM BORIDES; CALCIUM BORIDES; SOLID SOLUTIONS; ELECTROMOTIVE FORCE; TEMPERATURE RANGE 0065-0273 K; TEMPERATURE RANGE 0013-0065 K; TEMPERATURE RANGE 0000-0013 K; CONCENTRATION RATIO

Investigation of reversible shape memory effect in composite TiNiCu alloy band produced by melt fast quenching

S36

Borodako, K.A.; Shejfer, D.V.; Ezhov, D.K.; Shelyakov, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Sitnikov, N.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); GNTs FGUP Tsentra Keldysha, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie obratimogo ehffekta pamyati formy v kompozitnoj lente iz splava TiNiCu, poluchennoj metodom bystroj zakalki iz rasplava

p. 66

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TITANIUM ALLOYS; COPPER ALLOYS; NICKEL ALLOYS; COMPOSITE MATERIALS; FOILS; SHAPE MEMORY EFFECT; QUENCHING; MICROSTRUCTURE; AMORPHOUS STATE; CRYSTAL STRUCTURE

Superconducting critical parameters of FeSe-base wires

S36

Vlasenko, V.A.; El'tsev, Yu.F.; Gavrilkin, S.Yu.; Pudalov, V.M. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Pervakov, K.S. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Rossijskij Khimiko-Tekhnologicheskij Univ. im. D.I. Mendeleeva, Moscow (RU)); Berbentsev, V.D. (Inst. Fiziki Vysokikh Davlenij im. L.F. Vereshchagina RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sverkhprovodyashchie kriticheskie parametry provodov na osnove FeSe

p. 67

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SUPERCONDUCTING WIRES; IRON SELENIDES; CHEMICAL PREPARATION; EXTRUSION; POLYCRYSTALS; CRITICAL CURRENT; MAGNETIC PROPERTIES; PHASE DIAGRAMS; HEAT TREATMENTS; ELECTRIC CONDUCTIVITY

Investigation of the structure of $R_2Fe_{1-x}Mn_x$ ($R = Ce, Lu$) intermetallic compounds**S36**

Zaluzhnyj, I.A.; Yaroslavtsev, A.A.; Grishina, O.V.; Menushenkov, A.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Chernikov, R.V. (HASYLAB, DESY, Hamburg (DE)); Kuchin, A.G. (Inst. Fiziki Metallov UrO RAN, Ekaterinburg (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie kristallicheskoj struktury intermetallidov $R_2Fe_{1-x}Mn_x$ ($R = Ce, Lu$)

p. 67

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

INTERMETALLIC COMPOUNDS; CERIUM ALLOYS; LUTETIUM ALLOYS; IRON ALLOYS; MANGANESE ALLOYS; CRYSTAL STRUCTURE; MAGNETIC PROPERTIES; PHASE DIAGRAMS; X-RAY DIFFRACTION; VALENCE; INTERATOMIC DISTANCES

Measuring method of internal stresses in nanofilm structures during their forming

S77

Egorov, G.P.; Volkov, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metod izmereniya vnutrennikh napryazhenij v nanoplenochnykh strukturakh vo vremya ikh formirovaniya

p. 68

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; THIN FILMS; STRESSES; SUBSTRATES; TITANIUM; COPPER; ALUMINIUM; MEASURING METHODS; MATERIALS WORKING

Metals thermophysical properties change at local electroneutrality disturbance

S71

Kalashnikov, N.P.; Mazur, E.A.; Ol'chak, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izmenenie teplofizicheskikh svoystv metallov pri lokal'nom narushenii ehlektronejtral'nosti

p. 68

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy

fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

THERMODYNAMIC PROPERTIES; METALS; ELECTRONIC STRUCTURE; COULOMB FIELD; CHARGE DENSITY; MATHEMATICAL MODELS

Resonant stimulation of gamma radiation of electrons channeled in monocrystal
S71

Kalashnikov, N.P.; Ol'chak, A.S.; Khangulyan, E.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Rezonansnoe stimulirovanie gamma-izlucheniya kanalirovannykh v monokristalle ehlektronov
p. 69

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON CHANNELING; MONOCRYSTALS; GAMMA RADIATION; RESONANCE; LASER RADIATION; STIMULATION

Precise distribution function of ex-condensate particles of noninteracting Bose-
gas

S71

Kartsev, P.F.; Kuznetsov, I.O. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Utochnennaya funktsiya raspredeleniya vnekondensatnykh chastits nevzaimodejstvuyushchego Boze-gaza

p. 69

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

BOSE-EINSTEIN GAS; BOSE-EINSTEIN CONDENSATION; DISTRIBUTION; CRITICAL TEMPERATURE; INTERACTIONS; MONTE CARLO METHOD; ALGORITHMS

Magnetization reversal rate and magnetic anisotropy energy of nanoparticle within Josephson contact

S77

Kartsev, P.F.; Molchanova, A.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Skorost' peremagnichivaniya i ehnergiya magnitnoj anizotropii nanochastitsy vnutri dzhozefsonovskogo kontakta

p. 70

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MAGNETIZATION; ANISOTROPY; MAGNETIC PROPERTIES; PARTICLES; NANOSTRUCTURES; JOSEPHSON JUNCTIONS

Structure change of complex oxide Ln₂O₃-MeO₂ (Ln = Dy, Gd; Me = Hf, Zr) nanopowders

S77

Kashurnikova, O.V.; Menushenkov, A.P.; Popov, V.V.; Petrunin, V.F.; Yaroslavtsev, A.A.

(Natsional'nyj Issledovatel'skij Yadernyj Univ MIFI, Moscow (RU)); Zubavichus, Ya.V.;

Veligzhanin, A.A. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU));

Chernikov, R.V. (HASYLAB, DESY, Hamburg (DE))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izmeneniya struktury nanoporoshkov slozhnykh oksidov Ln₂O₃-MeO₂ (Ln = Dy, Gd; Me = Hf, Zr)

p. 70

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

DYSPROSIUM OXIDES; GADOLINIUM OXIDES; HAFNIUM OXIDES; ZIRCONIUM OXIDES; POWDERS; NANOSTRUCTURES; PARTICLE SIZE; CRYSTAL STRUCTURE; CRYSTAL-PHASE TRANSFORMATIONS; X-RAY DIFFRACTION

Change of critical parameters of Bi2223 HTSC bands under electron irradiation S36

Kolokol'tsev, V.N.; Mikhajlov, B.P.; Borovitskaya, I.V. (Inst. Metallurgii i Materialovedeniya im. A.A. Bajkova RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izmenenie kriticheskikh parametrov VTCP lent Bi2223 pod dejstviem ehlektronnogo oblucheniya

p. 71

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; TRANSITION TEMPERATURE; ELECTRON BEAMS; PHYSICAL RADIATION EFFECTS; RADIATION DOSES; ELECTRIC CONDUCTIVITY; JOSEPHSON JUNCTIONS

Investigation of local heating and magnetic field diffusion in massive superconducting rings at pulsed magnetization

S75

Korotkov, V.S.; Kartamyshev, A.A.; Krasnoperov, E.P. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie lokal'nogo nagreva i diffizii magnitnogo polya v massivnykh sverkhprovodyashchikh kol'tsakh pri impul'snom namagnichivanii

p. 71

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; RINGS; PULSES; MAGNETIZATION; MAGNETIC FIELDS; HEATING; DIFFUSION

Complex analysis of local crystal structure in the Dy₂O₃:HfO₂ system

S36

Leshchev, D.S.; Yaroslavtsev, A.A.; Menushenkov, A.P.; Popov, V.V.; Petrunin, V.F.; Korovin, S.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Bednarcik, J.; Chernikov, R.V. (HASYLAB, DESY, Hamburg (DE)); Zubavichus, Ya.V. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Kompleksnyj analiz lokal'noj kristallicheskoj struktury v sisteme Dy₂O₃:HfO₂

p. 72

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

DYSPROSIUM OXIDES; HAFNIUM OXIDES; CRYSTAL STRUCTURE; ANNEALING; X-RAY DIFFRACTION; CRYSTALLIZATION

Dynamics of HTSC magnetization reversal in the presence of ferromagnetic defect clusters

S75

Maksimova, A.N.; Kashurnikov, V.A.; Rudnev, I.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Dinamika protsessov peremagnichivaniya VTSP v prisutstvii klasterov ferromagnitnykh defektov

p. 73

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; MAGNETIZATION; SOLID CLUSTERS; CRYSTAL DEFECTS; IMPURITIES; FERROMAGNETIC MATERIALS; MAGNETIC FIELDS; MAGNETIC PROPERTIES

Influence of mechanical stresses on critical current of HTSC bands of the second generation

S75

Mareeva, A.I.; Mineev, N.A.; Svistunova, O.I.; Osipov, M.A.; Pokrovskij, S.V.; Rudnev, I.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vliyanie mekhanicheskikh napryazhenij na kriticheskiy tok VTSP lent vtorogo pokoleniya

p. 73

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; CRITICAL CURRENT; STRESSES; DEFORMATION; CRACKS

Charge ordering of electron multiferroic LuFe₂O₄

S36

Maslov, D.A.; Kudasov, Yu.B. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Zaryadovoe uporyadochenie ehlektronnogo mul'tiferroika LuFe₂O₄

p. 74

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LUTETIUM OXIDES; IRON OXIDES; FERROELECTRIC MATERIALS; VALENCE; MATHEMATICAL MODELS; ORDER-DISORDER TRANSFORMATIONS; DIPOLE MOMENTS; TEMPERATURE DEPENDENCE; ELECTRIC CHARGES

Investigation of reversible resistive switching effect in Pt/HfAl_xO_y/TiN structures by the method of high-energy X-ray photoelectron spectroscopy

S36

Matveev, Yu.A.; Zenkevich, A.V.; Lebedinskij, Yu.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Chuprik, A.A.; Markeev, A.V. (Moskovskij Fiziko-Tekhnicheskij Inst., Dolgoprudnyj (RU)); Tiss, S.; Drubech, V. (HASYLAB, DESY, Hamburg (DE))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie ehffekta obratimogo rezistivnogo pereklyucheniya v strukturakh

Pt/HfAl_xO_y/TiN metodom VEHREFHS

p. 74

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PLATINUM; HAFNIUM OXIDES; ALUMINIUM OXIDES; TITANIUM NITRIDES; NANOSTRUCTURES; THIN FILMS; X-RAY PHOTOELECTRON SPECTROSCOPY; ELECTRIC CONDUCTIVITY

Investigation of current-carrying properties of HTSC bands of the second generation at mechanical deformations

S36

Mineev, N.A.; Mareeva, A.I.; Svistunova, O.I.; Pokrovskij, S.V.; Rudnev, I.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie tokonesushchikh svojstv VTSP lent vtorogo pokoleniya pri mekhanicheskikh deformatsiyakh

p. 75

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; SUPERCONDUCTING COILS; BENDING; ELONGATION; ELECTRICAL PROPERTIES

Cr/BaTiO₃/Pt ferroelectric tunnel junctions: correlation between electronic structure and tunnel electric resistance

S36

Minnekaev, M.N.; Zenkevich, A.V.; Lebedinskij, Yu.Yu.; Matveev, Yu.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Bulakh, K.V.; Chuprik, A.A.; Baturin, A.S. (Moskovskij Fiziko-Tekhnicheskij Inst., Dolgoprudnyj (RU)); Tiss, S.; Drubeh, V. (HASYLAB, DESY, Hamburg (DE))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Segnetoehlektricheskie tunnel'nye perekhody Cr/BaTiO₃/Pt: korrelyatsiya mezhdu ehlektronnoj strukturoj i tunnel'nym ehlektrosoprotivleniem

p. 75

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CHROMIUM; BARIUM COMPOUNDS; TITANATES; PLATINUM; EPITAXY; TUNNEL EFFECT; FERROELECTRIC MATERIALS; POLARIZATION

Structure and superconducting properties of bands containing textured and roll-compacted intermediate layer of HTSC compounds**S36**

Mikhajlov, B.P.; Mikhajlova, A.B.; Kadyrbaev, A.R.; Shamraj, V.F. (Inst. Metallurgii i Materialovedeniya im. A.A. Bajkova RAN, Moscow (RU)); Rudnev, I.A.; Mineev, N.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Alibekov, S.Ya.; Khapov, P.V. (Povolzhskij Gosudarstvennyj Tekhnologicheskij Univ., Joshkar-Ola (RU)); Kryukova, A.I. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. im. N.Eh. Bauman, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Struktura i sverkhprovodyashchie svojstva lent, sodержashchikh teksturirovannye i uplotnennye prokatkoj proslojki VTSP soedinenij

p. 76

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COMPACTING; ROLLING; HIGH-TC SUPERCONDUCTORS; MICROSTRUCTURE;
CRITICAL CURRENT; MAGNETIC FIELDS

Visualization of current paths in planar micro- and nanosystems

S77

Osipov, M.A.; Pokrovskij, S.V.; Podlivaev, A.I.; Rudnev, I.A.; Menushenkov, A.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vizualizatsiya tokovykh putej v planarnykh mikro- i nanosistemakh

p. 77

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; ATOMIC FORCE MICROSCOPY; MAGNETIC FIELDS;
SURFACES; CURRENT DENSITY; DISTRIBUTION

Structural and optical properties of SiC layer on sapphire formed by the method of pulsed laser deposition

S36

Pavlova, E.P.; Kargin, N.I.; Gusev, A.S.; Ryndya, S.M.; Aver'yanov, D.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Strukturnye i opticheskie svoystva sloev SiC na sapphire, sformirovannykh metodom impul'snogo lazernogo osazhdeniya

p. 77

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
THIN FILMS; SILICON CARBIDES; SAPPHIRE; SUBSTRATES; DEPOSITION; PULSE TECHNIQUES; LASER RADIATION; CRYSTAL STRUCTURE; OPTICAL PROPERTIES

Magnetic properties of ideal conductor: facts and hypotheses

S75

Palchaev, D.K.; Murlieva, Zh.Kh. (Dagestanskij Gosudarstvennyj Univ., Makhachkala (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Magnitnye svoystva ideal'nogo provodnika: fakty i gipotezy

p. 78

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SUPERCONDUCTORS; SUPERCONDUCTIVITY; MAGNETIC FIELDS; THERMAL EXPANSION; DIAMAGNETISM; MAGNETOSTRICTION; MAGNETIC PROPERTIES

About hydrogen influence on resistive switching effect in Ag-WO_x-W structure

S36

Romanov, R.I.; Varlamov, G.V.; Zuev, V.V.; Fominskij, V.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O vliyanii vodoroda na ehffekt rezistivnykh pereklyuchenij v strukture Ag-WO_x-W

p. 78

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SILVER; TUNGSTEN OXIDES; TUNGSTEN; THIN FILMS; ELECTRIC CONDUCTIVITY; AIR; HYDROGEN; SURFACES; CHEMICAL REACTIONS; MATHEMATICAL MODELS

On current dependence of magnetic flux creep activation energy of HTSC films **S36**

Sannikov, I.I.; Ivanov, A.A.; Kuznetsov, A.V.; Churkin, O.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O tokovoj zavisimosti ehnergii aktivatsii kripa magnitnogo potoka VTSP plenok

p. 79

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; EPITAXY; THIN FILMS; NEODYMIUM OXIDES; CERIUM OXIDES; COPPER OXIDES; YTTRIUM OXIDES; BARIUM OXIDES; MAGNETIC PROPERTIES; RELAXATION; CREEP; ACTIVATION ENERGY; TEMPERATURE DEPENDENCE; ELECTRIC CURRENTS

Experimental study of laser shock action on Bi-2223 superconductor **S36**

Svistunova, O.I.; Rudnev, I.A.; Ivanov, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehksperimental'noe issledovanie lazernogo udarno-volnovogo vozdejstviya na sverkhprovodnik

Bi-2223

p. 80

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; SHOCK WAVES; SUPERCONDUCTIVITY; CRYSTAL STRUCTURE; DISLOCATION PINNING; CRITICAL CURRENT; LASER RADIATION

Electronic energy structure of Ti-Ni and TiNi-Cu alloys

S36

Sen'kovskij, B.V.; Usachev, D.Yu.; Chikina, A.G.; Adamchuk, V.K. (Sankt-Peterburgskij Gosudarstvennyj Univ., Sankt-Peterburg (RU)); Shelyakov, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehlektronnaya ehnergeticheskaya struktura splavov Ti-Ni i TiNi-Cu

p. 80

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TITANIUM ALLOYS; NICKEL ALLOYS; COPPER ADDITIONS; ELECTRONIC STRUCTURE; CHEMICAL BONDS

Carrier dynamics and stimulated radiation transitions of terahertz range between Landau levels in cascade structures from GaAs/AlGaAs quantum wells in tilted magnetic field

S71

Telenkov, M.P. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU)); Mityagin, Yu.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Kartsev, P.F. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Dinamika nositelej i vynuzhdennye izluchatel'nye perekhody teragertsovogo diapazona mezhd urovnyami Landau v kaskadnykh strukturakh iz kvantonykh yam GaAs/AlGaAs v naklonnom magnitnom pole

p. 81

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

QUANTUM WELLS; GALLIUM ARSENIDES; ALUMINIUM ARSENIDES; MAGNETIC FIELDS; THZ RANGE; TUNNEL EFFECT; ENERGY LEVELS

Numerical simulation of two-level system radiation near metal nanoparticle with regard to electron tunneling from the system in the particle

S77

Fedorovich, S.V.; Protsenko, I.E. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); OOO Plazmonika, Skolkovo (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Chislennoe modelirovanie izlucheniya dvykhurovnevoj sistemy vblizi metallicheskoj nanochastitsy s uchedom tunnelirovaniya ehlektrona iz sistemy v chastitsu

p. 81

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; SILVER; GOLD; PARTICLE SIZE; TUNNEL EFFECT;
SIMULATION; DISTANCE; EXCITED STATES; RESONANCE; DE-EXCITATION

Anomalous behaviour of cerium compressibility in pressure range below 2 GPa S36

Shestakov, E.E.; Borisenok, V.A. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU)); Simakov, V.G.; Bragunets, V.A.; Podurets, A.M.; Zhernokletov, M.V. (Inst. Fiziki Vzryva RFYaTs-VNIIEhF, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Anomal'noe povedenie szhimaemosti tseriya v oblasti davlenij nizhe 2 GPa

p. 82

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CERIUM; COMPRESSIBILITY; PRESSURE RANGE MEGA PA 100-1000; SHOCK
WAVES; X-RAY DIFFRACTION

Resonant inelastic X-ray scattering of cobalt rare earth phosphides RCo_2P_2 S36

Yaroslavtsev, A.A.; Menushenkov, A.P.; Zaluzhnyj, I.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Chernikov, R.V.; Kalibe, V. (HASYLAB, DESY, Hamburg (DE)); Shatruck, M. (Univ. Shtata Florida, Tallakhassi (US))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Rezonansnoe neuprugoe rentgenovskoe rasseyanie redkozemel'nykh fosfidov kobal'ta

RCo_2P_2

p. 83

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
RARE EARTH COMPOUNDS; COBALT COMPOUNDS; PHOSPHIDES; INELASTIC SCATTERING; X RADIATION; RESONANCE; VALENCE; MAGNETIC PROPERTIES

Contactless determination of HTSC critical parameters

S36

*Yashkin, D.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU));
Krasnoperov, E.P. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))*

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Beskontaktnoe opredelenie kriticheskikh parametrov VTSP

p. 83

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HIGH-TC SUPERCONDUCTORS; CRITICAL CURRENT; CRITICAL TEMPERATURE; TEMPERATURE DEPENDENCE; MAGNETIC MOMENTS; MAGNETIC PROPERTIES; ELECTRIC FIELDS

GAMMA-400 project for studying dark matter, astrophysical gamma-sources, diffuse radiation and cosmic rays

S79

Gal'per, A.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); FGBUN Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Arkhangel'skaya, I.V.; Arkhangel'skij, A.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)) (and others)

GAMMA-400 Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Proekt GAMMA-400 dlya issledovaniya temnoj materii, astrofizicheskikh gamma-istochnikov, diffuznogo izlucheniya i kosmicheskikh luchej

p. 86-87

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TELESCOPES; GAMMA RADIATION; COSMIC RADIATION; GEV RANGE 10-100;
COSMIC GAMMA SOURCES

Technique of high-energy gamma-radiation separation against the charged particles background in cosmic gamma-ray telescope GAMMA-400

S79

Gal'per, A.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Kaplin, V.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Mereminskij, I.A.; Runtso, M.F.; Khejmits, M.D.; Sharapov, M.P.; Yurkin, Yu.T. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

GAMMA-400 Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metodika vydeleniya vysokoehnergeticheskogo gamma-izlucheniya na fone zaryazhennykh chastits v kosmicheskom gamma-teleskope GAMMA-400

p. 88

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC RADIATION; GAMMA RADIATION; TELESCOPES; CHARGED PARTICLES;
ACCURACY; TEV RANGE

Determination of GAMMA-400 telescope energy resolution

S79

Gal'per, A.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Arkhangel'skaya, I.V.; Arkhangel'skij, A.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)) (and others)

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Operdelenie ehnergeticheskogo razresheniya teleslopa GAMMA-400

p. 88

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TELESCOPES; COSMIC RADIATION; GAMMA RADIATION; ENERGY RESOLUTION;
TEV RANGE; MONTE CARLO METHOD

**Elimination technique of calorimeter counterflow particles influence on
#gamma#-quanta registration efficiency in gamma-ray telescope GAMMA-400
S73**

Arkhangel'skij, A.I.; Arkhangel'skaya, I.V.; Gal'per, A.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)) (and others)

GAMMA-400 Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metody ustraneniya vliyaniya chastits obratnogo toka ot kalorimetra na ehffektivnost' registratsii #gamma#-kvantov v gamma-teleskope GAMMA-400

p. 89

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TELESCOPE COUNTERS; GAMMA RADIATION; COSMIC RADIATION; TEV RANGE;
SHOWER COUNTERS; CHARGED PARTICLES; COSMIC RAY DETECTION;
EFFICIENCY; MATHEMATICAL MODELS

**Calculational simulation of gamma-ray telescope GAMMA-400 neutron detector
S73**

*Tant Zin; Kadilin, V.V.; Dedenko, G.L.; Mereminskij, I.A.; Yurkin, Yu.T. (Natsional'nyj
Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))*

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschetnoe modelirovanie nejtronnogo detektora gamma-teleskopa GAMMA-400

p. 89

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC RADIATION; GAMMA RADIATION; NEUTRON DETECTORS;

COMPUTERIZED SIMULATION; TELESCOPES

**Simulation of protons and electrons registration by gamma-ray telescope
GAMMA-400**

S79

*Kirin, D.Yu.; Arkhangel'skaya, I.V.; Arkhangel'skij, A.I.; Khejmitz, M.D. (Natsional'nyj
Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))*

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie registratsii protonov i ehlektronov gamma-teleskopom GAMMA-400

p. 90

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMMA RADIATION; TELESCOPES; SIMULATION; COSMIC ELECTRONS; COSMIC PROTONS; DETECTION; MATHEMATICAL MODELS; SHOWER COUNTERS

Application of silicon photomultipliers in large-sized plastic scintillation detectors

S46

Kaplin, V.A.; Buzhan, P.Zh.; Popova, E.V.; Runtso, M.F.; Fedotov, S.N.; Sharapov, M.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Primenenie kremnievykh fotomnozhitelej v plastmassovykh stsintillyatsionnykh detektorakh bol'shogo razmera

p. 90

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PLASTIC SCINTILLATION DETECTORS; PHOTOMULTIPLIERS; SILICON; STRONTIUM 90; DETECTION; EFFICIENCY; DIMENSIONS

High-resolution electromagnetic calorimeter for GAMMA-400 project

S79

Bityukov, S.I.; Levin, A.N.; Ryabov, A.P. (FGBU GNTs Inst. Fiziki Vysokikh Ehnergij, Protvino (RU)) (and others)

GAMMA-400 Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehlektromagnitnyj kalorimetr vysokogo razresheniya dlya proekta GAMMA-400

p. 91

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
SHOWER COUNTERS; MEV RANGE; GEV RANGE; TEV RANGE 01-10; GAMMA RADIATION; TELESCOPES; ENERGY RESOLUTION

Registration of gamma-lines by xenon detector

S46

Dmitrenko, V.V.; Vlasik, K.F.; Grachev, V.M.; Dukhvalov, A.G.; Novikov, A.S.; Ulin, S.E.; Uteshev, Z.M.; Chernysheva, I.V.; Shustov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Registratsiya gamma-linij ksenonovym detektorom

p. 91

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMMA SPECTROMETERS; ENERGY RESOLUTION; KEV RANGE 100-1000; MEV RANGE 01-10; GAS SCINTILLATION DETECTORS; XENON

Possibility of neutron registration by gamma-detector

S46

Dukhvalov, A.G.; Vlasik, K.F.; Grachev, V.M.; Dmitrenko, V.V.; Novikov, A.S.; Ulin, S.E.; Uteshev, Z.M.; Chernysheva, I.V.; Shustov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vozmozhnost' registratsii nejtronov ksenonovym gamma-detektorom

p. 92

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMMA SPECTROMETERS; GAS SCINTILLATION DETECTORS; NEUTRONS; XENON 131; GAMMA SPECTRA

Methods of fast variations separation in high-energy charged particles fluxes in near-Earth space

S73

Aleksandrin, S.Yu.; Koldashov, S.V.; Solodskikh, P.I.; Ulitin, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metody vydeleniya bystrykh variatsij v potokakh vysokoehnergetichnykh zaryazhennykh chastits v okolozemnom kosmicheskom prostranstve

p. 92

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC ELECTRONS; COSMIC PROTONS; MEV RANGE; VARIATIONS; COSMIC RAY FLUX

Distant laboratory work Xenon gamma-spectrometer physical characteristics study

S96

Khaliullin, M.Kh.; Vlasik, K.F.; Voevodina, E.V.; Grachev, V.M.; Dimtrenko, V.V.; Novikov,

A.S.; Ulin, S.E.; Uteshev, Z.M.; Chernysheva, I.V.; Shustov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Dstantsionnaya laboratornaya rabota Izuchenie fizicheskikh kharakteristik ksenonovogo gamma-spektrometra

p. 93

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMMA SPECTROMETERS; XENON; GAS SCINTILLATION DETECTORS; COMPUTER CODES; EDUCATION; EDUCATIONAL FACILITIES

Assessment of charged particles registration efficiency by scintillation detectors for Signal experiment

S46

Voevodina, E.V.; Novikov, A.S.; Ulin, S.E.; Khaliullin, M.Kh.; Shustov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Otsenka ehffektivnosti registratsii zaryazhennykh chastits stsintillyatsionnymi detektorami dlya ehksperimenta Signal

p. 93

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

Reconstruction of gamma-spectra obtaining by the use of xenon detectors

S73

Shustov, A.E.; Vlasik, K.F.; Grachev, V.M.; Dmitrenko, V.V.; Voevodina, E.V.; Novikov, A.S.; Ulin, S.E.; Uteshev, Z.M.; Khaliullin, M.Kh.; Chernysheva, I.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vosstanovlenie gamma-spektrov, poluchaemykh s pomoshch'yu ksenonovykh detektorov

p. 94

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMMA SPECTRA; GAS SCINTILLATION DETECTORS; XENON; KEV RANGE; COMPUTER CODES; GAMMA SOURCES

Technique of digital processing of electrical signals from xenon gamma-detector

S46

Novikov, A.S.; Vlasik, K.F.; Grachev, V.M.; Dmitrenko, V.V.; Konnova, M.O.; Ulin, S.E.; Uteshev, Z.M.; Chernysheva, I.V.; Shustov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metodika tsifrovoj obrabotki ehlektricheskikh signalov s ksenonovogo gamma-detektora

p. 94

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAS SCINTILLATION DETECTORS; XENON; ENERGY RESOLUTION; MECHANICAL VIBRATIONS; SOUND WAVES; DATA PROCESSING; ENERGY SPECTRA

Calibration of MDT and RPC chambers of ATLAS unit for improving the technique of particle velocity measurement

S46

Kamenshchikov, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Kalibrovka MDT i RPC kamer ustanovki ATLAS dlya uluchsheniya metodiki izmereniya skorosti chastits

p. 95

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ATLAS SUPERCONDUCTING LINAC; MUONS; EQUIPMENT; CALIBRATION; TIME MEASUREMENT

Measurement of factors of charged particles nuclear modification in p-Pb interactions at energy $\sqrt{s_{NN}} = 5.02$ TeV in ATLAS experiment at LHC

S72

Shul'ga, E.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izmerenie faktorov yadernoj modifikatsii zaryazhennykh chastits v p-Pb vzaimodejstviyakh pri ehnergii $\sqrt{s_{NN}} = 5,02$ TehV v ehksperimente ATLAS na LHC

p. 95

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
CERN LHC; CHARGED PARTICLES; TEV RANGE 01-10; PROTON-NUCLEON INTERACTIONS; ATLAS SUPERCONDUCTING LINAC

Study of muon flux variations during thunderstorms in 2008-20012

S79

Mikhajlenko, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izuchenie variatsij potoka myuonov vo vremya groz 2008-2012 godov

p. 96

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MUONS; COSMIC RADIATION; EARTH ATMOSPHERE; ELECTRIC DISCHARGES; VARIATIONS; ANISOTROPY; COUNTING RATES; DISTRIBUTION; TURBULENCE

Study of $Z_{\nu\nu\gamma}$ events production in proton-proton interactions at energy $\sqrt{s} = 7$ TeV on ATLAS detector on LHC

S72

Krasnopevtsev, D.V.; Soldatov, E.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izuchenie rozhdeniya sobytij $Z_{\nu\nu\gamma}$ v proton-protonnykh vzaimodejstviyakh pri ehnergii $\sqrt{s} = 7$ TehV na detektore ATLAS na BAK

p. 96

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CERN LHC; ATLAS SUPERCONDUCTING LINAC; PROTON-PROTON INTERACTIONS; STANDARD MODEL; BOSONS; PARTICLE DECAY; TEV RANGE; SIMULATION; ERRORS

Search of long-lived multicharged heavy particles in ATLAS experiment on CERN LHC

S72

Smirnov, Yu.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Poisk dolgozhivushchikh mnogozyazhennykh tyazhelykh chastits v ehksperimente ATLAS na BAK TsERN

p. 97

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ATLAS SUPERCONDUCTING LINAC; CERN LHC; CHARGED PARTICLES; PROTON-PROTON INTERACTIONS; PARTICLE IDENTIFICATION; SENSITIVITY; GEV RANGE 100-1000; PARTICLE PRODUCTION

Investigation of the results of Higgs boson search within the frame of the model of the 4th generation quarks and leptons

S72

Khlopov, M.Yu.; Shibaev, R.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie rezul'tatov poiska bozonov Khiggsa v ramkakh modeli 4-go pokoleniya kvarkov i leptonov

p. 97

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

STANDARD MODEL; HIGGS BOSONS; QUARKS; LEPTONS; MATHEMATICAL MODELS

Results of EXO-200 experiment

S73

Belov, V.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); FGBU GNTs RF Inst. Teoreticheskoy i Ehksperimental'noj Fiziki, Moscow (RU))

EXO Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Rezul'taty ehksperimenta EXO-200

p. 98

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

XENON 136; DOUBLE BETA DECAY; TIME PROJECTION CHAMBERS; ENERGY RESOLUTION; NEUTRINOS; MASS

Investigation of mechanisms of stopped π^\pm -mesons absorption reactions with light nuclei

S73

Gurov, Yu.B.; Korotkova, L.Yu.; Lapushkin, S.V.; Chernyshev, B.A.; Shchurenkova, T.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie mekhanizmov reaktsij pogloshcheniya ostanovivshikhsya π^\pm -mezonov legkimi yadrami

p. 98

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MESONS; ABSORPTION; ENERGY SPECTRA; BERYLLIUM 9 TARGET; BORON 10 TARGET; BORON 11 TARGET; CARBON 14 TARGET; CARBON 12 TARGET; CHARGED PARTICLES; LAMPF II SYNCHROTRON; ATOMIC CLUSTERS

Yields of tritons and ^3He nuclei in absorption reactions of stopped pions

S73

Pritula, R.V.; Gurov, Yu.V.; Korotkova, L.Yu.; Chernyshev, B.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vykhody tritonov i yader ^3He v reaktsii pogloshcheniya ostanovivshikhsya pionov

p. 99

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TRITONS; LENINGRAD SYNCHROCYCLOTRON; TARGETS; ENERGY SPECTRA;
NUCLEAR REACTION YIELD

Irradiation of nuclear emulsion by 14 MeV energy neutrons

S73

Artemenkov, D.A.; Zarubin, P.I. (Ob''edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Obluchenie yadernoj ehmul'sii nejtronami s ehnergiej 14 MehV

p. 99

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NUCLEAR EMULSIONS; NEUTRONS; MEV RANGE 10-100; CARBON 12; EXCITED STATES

Implantation of ${}^8\text{He}$ nuclei into nuclear emulsion

S73

Zarubin, P.I.; Artemenkov, D.A. (Ob''edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Implantatsiya yader ${}^8\text{He}$ v yadernuyu ehmul'siyu

p. 100

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NUCLEAR EMULSIONS; HELIUM 8; MEV RANGE 10-100; ALPHA SPECTROSCOPY

Correlation femtoscopy of kaons

S72

Nigmatkulov, G.A.; Ponosov, A.K. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Korrelyatsionnaya femtoskopiya kaonov

p. 100

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

KAONS; ACCELERATORS; PULSES; PIONS; COMPARATIVE EVALUATIONS

Registration of high-energy electrons by electromagnetic spectrometer on the base of oriented transparent crystal

S46

Baskov, V.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Registratsiya ehlektronov vysokoj ehnergii ehlektromagnitnym spektrometrom na osnove orientirovannogo prozrachnogo kristalla

p. 101

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRONS; TEV RANGE; CRYSTALS; GADOLINIUM OXIDES; GALLIUM OXIDES;
LEAD TUNGSTATES; SPECTROMETERS; OPACITY

Correlation femtoscopy of ϕ -mesons in SELEX experiment

S72

Nigmatkulov, G.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

SELEX Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Korrelyatsionnaya femtoskopiya ϕ -mezonov v ehksperimente SELEX

p. 101

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PHI MESONS; GEV RANGE 100-1000; HYPERON BEAMS; COMPARATIVE
EVALUATIONS

Simulation of two vector $\phi(1020)$ mesons system formation

S72

Nigmatkulov, G.A.; Ponosov, A.K. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie obrazovaniya sistemy dvukh vektornykh mezonov $\phi(1020)$

p. 102

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PHI-1020 MESONS; QUANTUM CHROMODYNAMICS; TENSORS; CORRELATIONS;
SIMULATION; PARTICLE PRODUCTION

Investigation of effective masses spectra of Ξ - π system in SELEX experiment

S72

Roldugin, D.V.; Rigin, A.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

SELEX Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie spektrov ehffektivnykh mass sistemy Ξ - π s ehksperimente SELEX

p. 102

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EFFECTIVE MASS; SPECTRA; STRANGENESS; XI BARYONS; PIONS; GEV RANGE
100-1000

Correlations of kaons with small relative pulse in SELEX experiment

S72

Sinev, G.V.; Nigmatkulov, G.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

SELEX Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Korrelyatsii kaonov s malym otnositel'nym impul'som v ehksperimente SELEX

p. 103

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

KAONS; PULSES; GEV RANGE 100-1000; CARBON; COPPER; NUCLEI;
CORRELATIONS; COMPARATIVE EVALUATIONS; INTERACTIONS

Positrons and electrons of galactic cosmic rays according to the data of PAMELA experiment in 2006-2012

S73

Mikhajlov, V.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

PAMELA Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Pozitrony i ehlektrony galakticheskikh kosmicheskikh luchej po dannym ehksperimenta

PAMELA v 2006-2012 gg

p. 103-104

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC POSITRONS; COSMIC ELECTRONS; COSMIC RAY FLUX; MEV RANGE 10-100; GEV RANGE 100-1000; MATHEMATICAL MODELS; SPACE VEHICLES

Solar proton activity according to the data of PAMELA and ARINA experiments

S73

Bazilevskaya, G.A. (FGBUN Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU));

Koldashov, S.V.; Majorov, A.G.; Mikhajlov, V.V.; Bzheumikhova, M.A.; Sharonova, N.D.

(Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

PAMELA Collaboration

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Solnechnaya protonnaya aktivnost' po dannym ehksperimentov PAMELA i ARINA

p. 105

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR ACTIVITY; CHARGED PARTICLES; MEV RANGE 100-1000; SOLAR PROTONS; HELIUM IONS; COSMIC RAY FLUX; SPECTROMETERS; COMPARATIVE EVALUATIONS

Spectrometric characteristics of multilayer scintillation spectrometer for cosmophysical investigations

S46

Aleksandrin, S.Yu.; Batishchev, A.G.; Koldashov, S.V.; Lapushkin, S.V.; Loginov, V.A.; Rodin, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Spektrometricheskie kharakteristiki mnogoslojnogo stsintillyatsionnogo spektrometra dlya kosmofizicheskikh issledovaniy

p. 105

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC RAY SPECTROMETERS; SCINTILLATIONS; PROTONS; HELIUM IONS; MEV RANGE 10-100; COMPUTERIZED SIMULATION; SPACE VEHICLES

Measurement of charged particle fluxes and spatial distribution in Earth

radiation belt according to data of the PAMELA experiment

S73

Malakhov, V.V.; Mikhajlov, V.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izmerenie potokov i prostranstvennogo raspredeleniya zaryazhennykh chastits v oblasti radiatsionnogo poyasa Zemli po dannym ehksperimenta PAMELA

p. 106

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CHARGED PARTICLES; RADIATION BELTS; EARTH MAGNETOSPHERE; CHARGED PARTICLE DETECTION; MEV RANGE 100-1000; GEV RANGE 100-1000; SPATIAL DISTRIBUTION; COSMIC RAY FLUX; SPACE VEHICLES

Solar modulation of cosmic rays at the beginning of 24-th cycle of solar activity according to the data of the PAMELA and ARINA experiments

S73

Bzheumikhova, M.A.; Koldashov, S.V.; Losev, D.S.; Majorov, A.G.; Mikhajlov, V.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Solnechnaya modulyatsiya kosmicheskikh luchej v nachale 24-go tsikla solnechnoj aktivnosti po dannym ehksperimentov PAMELA i ARINA

p. 106

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SPACE VEHICLES; COSMIC RAY FLUX; MEV RANGE 10-100; GEV RANGE 100-1000;
PROTON SPECTRA; ENERGY SPECTRA; CORRELATIONS

Separation of electronic and nuclear components using calorimeter in wide aperture in the PAMELA experiment

S46

Borisov, S.V.; Voronov, S.A.; Karelin, A.V.; Malakhov, V.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Razdelenie ehlektronnoj i yadernoj komponent s pomoshch'yu kalorimetra v shirokoj aperture v ehksperimente PAMELA

p. 107

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CHARGED PARTICLES; COSMIC RAY FLUX; MAGNETIC SPECTROMETERS; SPACE VEHICLES; CALORIMETERS; SPECTRA UNFOLDING; APERTURES

Measurement of deuteron spectra in Earth radiation belt and under radiation belt in the PAMELA experiment

S73

Voronov, S.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU));

Danil'chenko, I.A.; Koldobskij, S.A. (Inst. Yadernykh Issledovanij RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izmerenie spektra dejtronov v radiatsionnom poyase Zemli i pod radiatsionnym poyasom v ehksperimente PAMELA

p. 107

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
RADIATION BELTS; MAGNETIC SPECTROMETERS; SPACE VEHICLES; DEUTERONS;
PARTICLE IDENTIFICATION; CHARGED PARTICLES; DEUTERON SPECTRA

Techniques of positrons and electrons separation according to Bremsstrahlung in the PAMELA experiment

S72

Leonov, Yu.V.; Mikhajlov, V.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metodika vydeleniya pozitronov i ehlektronov po tormoznomu izlucheniyu v ehksperimente PAMELA

p. 108

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

POSITRONS; ELECTRONS; BREMSSTRAHLUNG; MAGNETIC SPECTROMETERS;
POSITRON DETECTION; ELECTRON DETECTION; GAMMA RADIATION

Online system of radiation environment analysis in high-latitude areas of near-Earth space according to the data of Earth satellite with circular polar orbit

S54

Barinova, V.O.; Dolenko, S.A.; Murav'eva, E.A.; Myagkova, I.N.; Ryazantseva, M.O.; Shirokij, V.R.; Shugaj, Yu.S. (Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU); Nauchno-Issledovatel'skij Inst. Yadernoj Fiziki im. D.V. Skobel'tsyna, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sistema operativnogo analiza radiatsionnykh uslovij v vysokoshirotnykh oblastiakh okolozemnogo kosmicheskogo prostranstva po dannym ISZ s krugovoj polyarnoj orbitoj
p. 108

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

RADIATION MONITORING; EARTH MAGNETOSPHERE; GOES SATELLITES

Dynamics of high-energy electron and proton fluxes in Earth magnetosphere according to the sputnik experiments

S73

Aleksandrin, S.Yu.; Bakaldin, A.V.; Batishchev, A.G.; Bzheumikhova, M.A.; Gal'per, A.M.; Zharaspaev, T.R.; Koldashov, S.V.; Solodskikh, P.I.; Sharonova, N.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Dinamika potokov vysokoehnergetichnykh ehlektronov i protonov v magnitosfere Zemli po dannym sputnikovykh ehksperimentov

p. 109

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EARTH MAGNETOSPHERE; ELECTRONS; PROTONS; MEV RANGE 10-100; COSMIC RAY FLUX; SPACE VEHICLES; VARIATIONS

Assessment of capability for using nuclear-physical method of space monitoring

for radioactive discharges to atmosphere

S54

Aleksandrin, S.Yu.; Koldashov, S.V.; Leonov, A.A.; Tarasova, O.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Otsenka vozmozhnosti ispol'zovaniya yaderno-fizicheskogo metoda kosmicheskogo monitoringa dlya registratsii radioaktivnykh vybrosov v atmosferu

p. 109

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

RADIATION MONITORING; CONTAMINATION; REMOTE SENSING; EARTH ATMOSPHERE; SPACE VEHICLES; GAMMA DETECTION; ACTIVITY LEVELS; RADIATION ACCIDENTS

On the reason of cosmic rays proton spectra variability in the energy range

#approx#20-500 GeV

S79

Loznikov, V.M.; Erokhin, N.S.; Mikhajlovskaya, L.A. (Federal'noe Gosudarstvennoe Byudzhethoe Uchrezhdenie Nauki Inst. Kosmicheskikh Issledovanij Rossijskoj Akademii Nauk (IKI RAN), Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O prichine peremennosti spektra protonov kosmicheskikh luchej v diapazone ehnergij #approx# 20-500 GeV

p. 110

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC RAY FLUX; PROTON SPECTRA; GEV RANGE; SOLAR WIND; MAGNETIC FIELDS

Study of outbursts on the hidden side of the sun and associated with them effects when observing from Earth

S79

Vybornov, V.I.; Livshits, M.A. (Inst. Zemnogo Magnetizma, Ionosfery i Rasprostraneniya Radiovoln im. N.V. Pushkova RAN, Troitsk (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Izuchenie vspyshek, proizoshedshikh na obratnoj storone Solntsa, i ehffektov, svyazannykh s nimi pri nablyudenii s zemnogo naravleniya

p. 110

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR FLARES; X RADIATION; KEV RANGE 10-100; SPACE VEHICLES; COMPUTER CODES

Generation of π -mesons during the flare on January 20, 2005 and possibility of accelerated protons spectra parameters determination

S72

Arkhangel'skaya, I.V.; Arkhangel'skij, A.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Troitskaya, E.V. (Moskovskij Gosudarstvennyj Univ. im M.V. Lomonosova, Nauchno-Issledovatel'skij Inst. Yadernoj Fiziki im. D.V. Skobel'tsyna, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Generatsiya π -mezonov vo vspyshe 20 yanvarya 2005 goda i vozmozhnost' opredeleniya parametrov spektra uskorenykh protonov

p. 111

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)
Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
SOLAR FLARES; PIONS; PARTICLE PRODUCTION; GAMMA SPECTRA; PROTONS; APPROXIMATIONS; MEV RANGE 10-100

Numerical solution of galactic cosmic rays transfer equation: energy spectra of particles in heliosphere

S79

Losev, D.S.; Majorov, A.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Chislennoe reshenie uravneniya perenosa galakticheskikh kosmicheskikh luchej: ehnergeticheskie spektry chastits v geliosfere

p. 111

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC RADIATION; HELIOSPHERE; ENERGY SPECTRA; MAGNETIC FIELDS; COSMIC PROTONS; COSMIC ELECTRONS; COSMIC POSITRONS; ANTIPROTONS; NUMERICAL SOLUTION; DIFFUSION; CONVECTION; COMPARATIVE EVALUATIONS

Search of Forbush decreases in data of Neutron unit

S79

Shchegolev, O.B.; Gromushkin, D.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Sten'kin, Yu.V. (Inst. Yadernykh Issledovanij RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Poisk for bush-ponizhenij v dannykh ustanovki Nejtron

p. 112

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

FORBUSH DECREASE; COSMIC RADIATION; GLASS SCINTILLATORS;
CORRELATIONS; COSMIC RAY DETECTION

Investigation of possibility of cosmic rays unidentified sources shift

S79

Belotskij, K.M.; Kirillov, A.A.; Shalamova, V.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vozmozhnosti smeshcheniya neidentifitsirovannykh istochnikov kosmicheskogo izlucheniya

p. 112

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC GAMMA SOURCES; GALACTIC EVOLUTION; COMPARATIVE
EVALUATIONS

Integral criteria for hardness of gamma-ray bursts spectra

S73

Voevodina, E.V.; Arkhangel'skaya, I.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI,

Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Integral'nye kriterii dlya zhestkosti spektrov gamma-vspleskov

p. 113

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC GAMMA BURSTS; GAMMA SPECTRA; MATHEMATICAL MODELS; MEV RANGE

Peculiarities of spectra of new subclass long gamma-ray bursts

S79

Arkhangel'skaya, I.V.; Zenin, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Osobennosti spektrov dlinnykh gamma-vspleskov novogo podklassa

p. 113

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC GAMMA BURSTS; MEV RANGE 100-1000; ENERGY SPECTRA; COMPUTER CODES; DATA PROCESSING

Determination of trapped radiation boundary according to the data of

KORONAS-FOTON satellite

S73

Barinova, V.O.; Kalegaev, V.V. (NII Yadernoj Fiziki im. D.V. Skobel'tsyna MGU, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Opređenje granitsy zakhvachennoj radiatsii po dannym sputnika KORONAS-FOTON

p. 115

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC RADIATION; COSMIC ELECTRONS; MEV RANGE; RADIATION BELTS;
EARTH MAGNETOSPHERE

Extreme fluxes in solar proton events: methodical and physical constraints

S73

Miroshnichenko, L.I. (Inst. Zemnogo Magnetizma, Ionosfery i Rasprostraneniya Radiovoln im. N.V. Pushkova RAN, Troitsk (RU)); NII Yadernoj Fiziki im. D.V. Skobel'tsyna MGU, Moscow (RU)); Nymmik, R.A. (NII Yadernoj Fiziki im. D.V. Skobel'tsyna MGU, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehkstremal'nye potoki v solnechnykh protonnykh sobytiyakh: metodicheskie i fizicheskie ogranicheniya

p. 115

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

Accumulation of magnetic energy in corona and its dissipation at flare

S79

Podgornyj, A.I. (FGUBN Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Podgornyj, I.M. (Inst. Astronomii RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Nakoplenie magnitnoj ehnergii v korone i ee dissipatsiya pri vspyshe

p. 116

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR CORONA; ACTIVITY LEVELS; SOLAR FLARES; MAGNETIC FIELDS;
HELIOSPHERE; ELECTRIC CURRENTS; ENERGY LOSSES; NUMERICAL SOLUTION

Dynamics of solar-active regions in preflare state and during flares

S79

Podgornyj, I.M. (Inst. Astronomii RAN, Moscow (RU)); Podgornyj, A.I. (FGUBN Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Dinamika aktivnykh oblastej Solntsa v predvspyshechnom sostoyanii i vo vremya vspyshek

p. 116

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR FLARES; MAGNETIC FLUX; STELLAR MAGNETOSPHERES; MAGNETIC FIELDS; LAPLACE EQUATION

Information acquisition and preliminary processing system for RSD device

S46

Glyanenko, A.S.; Loginov, V.A.; Tyshkevich, V.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sistema sbora i predvaritel'noj obrabotki informatsii dlya pribora RSD

p. 117

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR RADIATION; X RADIATION; SI SEMICONDUCTOR DETECTORS; SPACE VEHICLES; DATA ACQUISITION SYSTEMS; DATA PROCESSING; MICROPROCESSORS; ALGORITHMS

Device of new generation for solar X radiation spectrometry

S46

Kochemasov, A.V.; Kotov, Yu.D.; Lupar', E.Eh.; Tumanov, A.V.; Zakharov, M.S.; Glyanenko, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Pribor novogo pokoleniya dlya spektrometrii solnechnogo rentgenovskogo izlucheniya

p. 117

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR RADIATION; SOFT X RADIATION; X-RAY SPECTROMETERS; SI SEMICONDUCTOR DETECTORS; KEV RANGE; SPACE VEHICLES; ENERGY RESOLUTION

Determination of active region contribution to Solar luminosity in hard ultraviolet according to FOKA device data

S79

Bidajsheeva, K.Eh.; Umnova, O.N.; Oreshnikov, E.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Opređenje vkladu aktivnoj oblasti v svetimost' Solntsa v zhestkom ul'trafiolete po dannym pribora FOKA

p. 118

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOFT X RADIATION; EXTREME ULTRAVIOLET RADIATION; SOLAR ACTIVITY; RADIOMETERS; LUMINOSITY; ACTIVITY LEVELS

Ion acceleration in eruptive magnetic flux rope and gamma-ray burst from flare on June 14, 2000

S79

Kichigin, G.N. (Inst. Solnechno-Zemnoj Fiziki SO RAN, Irkutsk (RU)); Miroshnichenko, L.I. (Inst. Zemnogo Magnetizma, Ionosfery i Rasprostraneniya Radiovoln im. N.V. Pushkova RAN, Troitsk (RU)); NII Yadernoj Fiziki im. D.V. Skobel'tsyna MGU, Moscow (RU)); Sidorov, V.I. (Inst. Solnechno-Zemnoj Fiziki SO RAN, Irkutsk (RU); Irkutskij Gosudarstvennyj Univ., Irkutsk (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Uskorenie ionov v ehruptivnom magnitnom zhgute i gamma-vsplesk ot vspyshki 14 iyulya 2000

g

p. 118

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MAGNETIC FLUX; SOLAR FLARES; GAMMA RADIATION; SOLAR CORONA; MAGNETIC FIELDS

Numerical simulation of cosmic solar gamma spectrometer GRIS response

S79

Trofimov, Yu.A.; Kotov, Yu.D.; Yurov, V.N.; Lupar', E.Eh. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Chislennoe modelirovanie otklika kosmicheskogo solnechnogo gamma-spektrometra GRIS

p. 120

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMMA SPECTROMETERS; X RADIATION; GAMMA RADIATION; SOLAR FLARES; KEV RANGE; MEV RANGE; SPACE VEHICLES; SOLAR NEUTRONS; COMPUTERIZED SIMULATION

Polarization of hard X radiation of flares in the peak and bases of magnetic loop

S79

Charikov, Yu.E. (Fiziko-Tekhnicheskij Inst. im. A.I. Ioffe RAN, Sankt-Peterburg (RU));

Mel'nikov, V.F. (Glavnaya (Pulkovskaya) Astronomicheskaya Observatoriya RAN, Sankt-

Peterburg (RU)); Kudryavtsev, I.V. (Fiziko-Tekhnicheskij Inst. im. A.I. Ioffe RAN, Sankt-Peterburg (RU)); Glavnaya (Pulkovskaya) Astronomicheskaya Observatoriya RAN, Sankt-Peterburg (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Polyarizatsiya zhestkogo rengenovskogo izlucheniya solnechnykh vspyshek v vershine i osnovaniyakh magnitnoj petli

p. 120

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SOLAR FLARES; HARD X RADIATION; POLARIZATION; FOKKER-PLANCK EQUATION; COMPUTERIZED SIMULATION; MAGNETIC FIELDS; SOLAR ELECTRONS

Intrinsic energy operator of massive neutrino in external magnetic field

S72

Dobrynina, A.A.; Mikheev, N.V. (Yaroslavskij Gosudarstvennyj Univ. im. P.G. Demidova, Yaroslavl' (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sobstvenno-ehnergeticheskij operator massivnogo nejtrino vo vneshnem magnitnom pole

p. 121

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

Simulation of spatial distribution of hard X radiation brightness along flare loops

S79

Mel'nikov, V.F. (Glavnaya (Pulkovskaya) Astronomicheskaya Observatoriya RAN, Sankt-Peterburg (RU)); Kudryavtsev, I.V. (Fiziko-Tekhnicheskij Inst. im. A.I. Ioffe RAN, Sankt-Peterburg (RU)); Glavnaya (Pulkovskaya) Astronomicheskaya Observatoriya RAN, Sankt-Peterburg (RU)); Charikov, Yu.E. (Fiziko-Tekhnicheskij Inst. im. A.I. Ioffe RAN, Sankt-Peterburg (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie prostranstvennogo raspredeleniya yarkosti zhestkogo rentgenovskogo izlucheniya vdol' vspyshechnykh petel'

p. 121

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HARD X RADIATION; SPATIAL DISTRIBUTION; SOLAR FLARES; SOLAR CORONA; FOKKER-PLANCK EQUATION; MAGNETIC FIELDS; PROMPT ELECTRONS; COSMIC X-RAY SOURCES

Spatially resolved observations of the process of type II radio flashes formation in Solar corona

S79

Zimovets, I.V.; Sharykin, I.N.; Struminskij, A.B. (FGUBN Inst. Kosmicheskikh Issledovanij RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Prostranstvenno-razreshennye nablyudeniya protsessa formirovaniya radiovspleska tipa II v korone Solntsa

p. 122

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)
Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
SOLAR RADIO BURSTS; SOLAR CORONA; SOLAR FLARES; SHOCK WAVES

Computerized simulation of the system of cosmic gamma-detector magnetic shielding

S46

Tumanov, A.V.; Kochemasov, A.V.; Lupar', E.Eh.; Kotov, Yu.D.; Stepin, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Komp'yuternoe modelirovanie sistemy magnitnoj zashchity kosmicheskogo gamma-detektora
p. 122

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COMPUTERIZED SIMULATION; MAGNETIC SHIELDING; RADIATION DETECTORS;
GAMMA RADIATION; MAGNETS; COSMIC ELECTRONS; ENERGY SPECTRA

Nearly stars as the sources of gamma-ray bursts

S79

Luchkov, B.I.; Markin, P.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Blizkie zvezdy kak istochniki gamma-vspleskov

p. 123

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

COSMIC GAMMA BURSTS; SPACE VEHICLES; COORDINATES

Physical restrictions on possibility of unique description of observable Universe historic and future evolution

S79

Veselovskij, I.S. (Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Nauchno-Issledovatel'skij Inst. Yadernoj Fiziki im. D.V. Skobel'tsyna, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Fizicheskie ogranicheniya na vozmozhnost' odnoznachnogo opisaniya proshloj i budushchej ehvolyutsii nablyudaemoj chasti Vselennoj

p. 123

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

UNIVERSE; EVOLUTION; LIMITING VALUES

Calculation and adjustment of linear electron accelerator sections on energy 50 MeV

S43

Zavadtsev, A.A.; Zavadtsev, D.A. (OOO Nano Invest, Moscow (RU)); Savin, E.A.; Sobenin, N.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet i nastrojka seksij linejnogo uskoritelya ehlektronov na ehnergiyu 50 MehV

p. 126

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LINEAR ACCELERATORS; ELECTRON BEAMS; STANDING WAVES; MEV RANGE 10-100; SIMULATION; ELECTRIC FIELDS; TUNING

Russian electron-beam technologies in 2013

S43

Pavlov, Yu.S. (Inst. Fizicheskoy Khimii i Ehlektrokhimii im. A.N. Frumkina RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Rossijskie ehlektronno-luchevye tekhnologii v 2013 g

p. 126

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATORS; RUSSIAN FEDERATION; SERVICE LIFE; COST; MEV RANGE 01-10; PAYBACK PERIOD

Experimental study of accelerative plasma diode with electrostatic and magnetic confinement of charged particles

S46

Shikanov, A.E.; Tsybin, A.S.; Vovchenko, E.D.; Kozlovskij, K.I.; Khasaya, D.R. (Natsional'nyj

Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehksperimental'noe issledovanie uskoritel'nogo plazmennogo dioda s ehlektrostaticheskim i magnitnym uderzhaniem zaryazhennykh chastits

p. 127

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

THERMIONIC DIODES; LIGHT IONS; KEV RANGE 100-1000; ELECTRIC CURRENTS; PULSE GENERATORS; MAGNETIC CONFINEMENT; ACCELERATION; ELECTRIC POTENTIAL

Suppression and extraction of high-order waves from 800 MHz superconducting resonator for LHC updating

S43

Bolgov, R.O.; Sobenin, N.P.; Shashkov, Ya.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Zobov, M. (Natsional'naya Lab. Fraskati, Rim (IT))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Podavlenie i vyvod voln vysshikh tipov iz 800 MGts sverkhprovodyashchego rezonatora dlya modernizatsii LHC

p. 127

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

Ion-electron assembly with electric field

S71

Chikhachev, A.S. (GNTs FGUP Vserossijskij Ehlektrotekhnicheskij Inst., Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ionno-ehlektronnyj ansambl' s ehlektricheskim polem

p. 128

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ION BEAMS; ELECTRONS; ELECTRON BEAMS; SELF-CONSISTENT FIELD; ELECTRIC FIELDS; KINETIC EQUATIONS

Mechanism of particle emission at after-emission and self-maintained emission excitation

S71

Tatarinova, N.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Mekhanizm ehmittirovaniya chastits pri vzbuzhdenii posleehmissii i samopoddrezhivayushchejsya ehmissii

p. 128

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EMISSION; PARTICLES; ULTRAVIOLET RADIATION; PRESSURE RANGE;
TEMPERATURE DEPENDENCE; HYSTERESIS; KINETICS

Physicotechnical bases of radiation technology of carbonates decomposition

S38

Petrenko, V.V.; Alekseev, P.A. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Fiziko-tehnicheskie osnovy radiatsionnoj tekhnologii razlozheniya karbonatov

p. 129

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CARBONATES; DECOMPOSITION; ELECTRON BEAMS; POWER RANGE 100-1000 KW;
CHEMICAL REACTION YIELD; COMPARATIVE EVALUATIONS; RADIATION
EFFECTS

Electrodynamics in linear electron accelerators

S43

Dvornikov, V.A.; Kuz'min, I.A.; Proskin, S.S.; Shchedrin, I.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehlektrodinamika v linejnykh uskoritelyakh ehlektronov

p. 129

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LINEAR ACCELERATORS; ELECTRODYNAMICS; MATHEMATICAL MODELS;
ACCELERATION

Simulation of experiments with electron beam in the scanning system of sterilization installation with local biosafety

S60

Alekseev, M.A.; Bystrov, P.A.; Rozanov, N.E. (Moskovskij Radiotekhnicheskij Inst. RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie ehksperimentov s ehlektronnym puchkom v sisteme razvertki sterilizatsionnoj ustanovki s mestnoj biozashchitoj

p. 130

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON BEAMS; COMPUTERIZED SIMULATION; STERILIZATION; COMPUTER CODES; ENERGY SPECTRA; COMPARATIVE EVALUATIONS

Accelerators. Useful models. Express-priority

S43

Petrov, I.I. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Uskoriteli. Poleznye modeli. Ehkspress-prioritet

p. 130

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of

fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
ACCELERATORS; PATENTS; LEGAL ASPECTS

Multipactor discharge in high-frequency electron gun PITZ

S43

Gusarova, M.A.; Petrushina, I.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Isaev, I.V. (Deutsches Elektronen-Synchrotron DESY, Zeuthen (DE))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Mul'tipaktornyj razryad v vysokochastotnoj ehlektronnoj pushke PITZ

p. 131

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON GUNS; ELECTRIC DISCHARGES; SIMULATION; COMPUTER CODES; ACCURACY; ELECTRON EMISSION; TRAJECTORIES

Three-dimensional calculations of electromagnetic fields in accelerating structure of electron accelerator

S43

Andreev, N.V.; Belugin, V.M.; Rozanov, N.E. (Moskovskij Radiotekhnicheskij Inst. RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Trekhmernye raschety ehlektromagnitnykh polej v uskoryayushchej strukture ehlektronnogo uskoritelya

p. 131

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATORS; ELECTRON BEAMS; ELECTROMAGNETIC FIELDS; THREE-DIMENSIONAL CALCULATIONS; STANDING WAVES; BEAM DYNAMICS

Development of three-dimensional model of objects electron-beam irradiation in sterilization installation with local biosafety

S43

Bystrov, P.A.; Rozanov, N.E. (Moskovskij Radiotekhnicheskij Inst. RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Razrabotka trekhmernoj modeli oblucheniya ob'ektov ehlektronnym puchkom v sterilizatsionnoj ustanovke s mestnoj biozashchitoj

p. 132

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

STERILIZATION; ELECTRON BEAMS; ACCELERATORS; STANDING WAVES; COMPUTERIZED SIMULATION; THREE-DIMENSIONAL CALCULATIONS

Electron spectra reconstruction on the base of depth dose distributions processing

S62

Zhurov, Yu.V. (Rossijskij Onkologicheskij Tsentr im. N.N. Blokhina RAMN, Moscow (RU)); Kudinov, V.V.; Smirnov, V.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vosstanovlenie spektra ehlektronov na osnovanii obrabotki glubinykh doznykh raspredelenij
p. 132

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

DEPTH DOSE DISTRIBUTIONS; ELECTRON SPECTRA; ELECTRON BEAMS;
PHANTOMS; DATA PROCESSING

Beam injection system of heavy ions extracted from laser plasma

S46

Turchin, V.I.; Plotnikov, S.V. (Inst. Teoreticheskoy i Ehksperimental'noj Fiziki, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sistema inzhektсии puchka tyazhelykh ionov, izvlekaemykh iz lazernoj plazmy
p. 133

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HEAVY IONS; ION BEAMS; LASER-PRODUCED PLASMA; BEAM EXTRACTION;
BEAM PROFILES; ION BEAM INJECTION; EQUIPMENT

Synthesis problem solution for cell of forming line of directed Bremsstrahlung flux

S46

Baev, V.K.; Nesterovich, A.V.; Svirin, V.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI,

Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Reshenie zadachi sinteza dlya yachejki linii formirovaniya napravlennogo potoka tormoznogo izlucheniya

p. 133

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

BREMSSTRAHLUNG; ELECTRON BEAMS; BEAM SHAPING; BEAM EMITTANCE

Computational procedure of forming line of directed Bremsstrahlung flux

S73

Baev, V.K.; Nesterovich, A.V.; Svirin, V.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metodika rascheta linii formirovaniya napravlennogo potoka tormoznogo izlucheniya

p. 134

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

BREMSSTRAHLUNG; BEAM SHAPING; COMPUTERIZED SIMULATION; ELECTRON BEAMS; BEAM EMITTANCE

Electrodynamic simulation of energy input of chopped microwave pulse into

accelerating section

S43

Klachkov, A.P.; Ponomarenko, A.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehlektrodinamicheskoe modelirovanie vvoda ehnergii ukorochennogo SVCh-impul'sa v uskoryayushchuyu sektsyu

p. 134

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SIMULATION; ELECTRODYNAMICS; ACCELERATORS; EQUIPMENT;
ELECTROMAGNETIC PULSES

Simulation of self-consisted dynamics of electron beam in THz-range generator

S71

Bondarenko, T.V.; Tatsyuk, O.A.; Polozov, S.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie samosoglasovannoj dinamiki ehlektronnogo puchka v generatore TGts diapazona p. 135

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

Investigation of powerful laser radiation interaction with copper photocathode
S71

Bondarenko, T.V.; Polozov, S.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vzaimodejstviya moshchnogo lazernogo izlucheniya s mednym fotokatodom

p. 135

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LASER RADIATION; ELECTRON BEAMS; PULSES; BEAM LUMINOSITY; ELECTRON EMISSION; COPPER; PHOTOCATHODES

Matrix method of calculation of the structure with hybrid high-frequency
quadrupole focusing

S43

Plastun, A.S.; Polozov, S.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Matrichnyj metod rascheta struktury s gibridnoj vysokochastotnoj kvadrupol'noj fokusirovkoj

p. 136

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATORS; ELECTRON BEAMS; BEAM FOCUSING MAGNETS;
QUADRUPOLES; MATRICES

Calculation of particle beam dose rate in linear electron accelerator on energy up to 12 MeV

S71

Proskin, S.S.; Shchedrin, I.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Mishin, A.V. (Radmedex LLC, North Andover (US))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet moshchnosti dozy puchka chastits v linejnom uskoritele ehlektronov na ehnergiyu do 12 MeV

p. 136

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATORS; ELECTRON BEAMS; MEV RANGE 10-100; OPTIMIZATION;
EQUIPMENT; EFFICIENCY; CALCULATION METHODS

Adjustable coaxial input of large mean power without moving member

S46

Bolgov, R.O. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Nassiri, A. (Natsional'naya Lab. Argon, Chicago (US))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Reguliruemyj koaksial'nyj vvod bol'shoj srednej moshchnosti bez podvizhnoj chasti

p. 137

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy

fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

X-RAY SOURCES; POWER INPUT; ELECTRIC CURRENTS; MAGNETIC FIELDS;
EQUIPMENT

Comparative analysis of kick in superconducting resonator with coaxial power input

S71

Bolgov, R.O. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sravnitel'nyj analiz rascheta kika v sverkhprovodyashchem rezonatore s koaksial'nym vvodom moshchnosti

p. 137

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SUPERCONDUCTING CAVITY RESONATORS; POWER INPUT; MATHEMATICAL MODELS; COMPARATIVE EVALUATIONS; BEAM EMITTANCE; ELECTRIC FIELDS; STANDING WAVES

Multipactor discharge in power input device of e-LINAC

S43

Gusarova, M.A.; Petrushina, I.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Mul'tipaktornyj razryad v ustrojstve vvoda moshchnosti e-LINAC

p. 138

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LINEAR ACCELERATORS; ELECTRIC DISCHARGES; POWER INPUT;

COMPUTERIZED SIMULATION; ELECTRON BEAMS; ELECTRIC FIELDS

Measuring system of polarization and suppression of higher-type waves for 9-cellular elliptical resonator

S71

Tikhonov, D.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU));

Zvyagintsev, V.L. (Kanadskaya Natsional'naya Lab. Yadernoj Fiziki TRIUMF, Vancouver (CA))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sistema izmereniya polarizatsii i podavleniya VVT dlya 9-yachechnogo ehllipticheskogo rezonatora

p. 138

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATORS; ELECTRON BEAMS; CONTROL SYSTEMS; POLARIZATION; RESONATORS; EQUIPMENT; ABSORPTION; ABSORBENTS

Superconducting resonator for niobium samples testing

S46

Tikhonov, D.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU));

Zvyagintsev, V.L. (Kanadskaya Natsional'naya Lab. Yadernoj Fiziki TRIUMF, Vancouver (CA))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sverkhprovodyashchij rezonator dlya testirovaniya obraztsov niobiya

p. 139

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NIOBIUM; SUPERCONDUCTING CAVITY RESONATORS; ELECTRICAL PROPERTIES; MAGNETIC FIELDS; SUPERCONDUCTIVITY; GHZ RANGE 01-100; TESTING

Investigation of electrodynamic characteristics of accelerating structure on the base of CN-resonator

S43

Kalashnikova, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie ehlektrodinamicheskikh kharakteristik uskoryayushchej struktury na osnove CN-rezonatora

p. 139

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LINEAR ACCELERATORS; MHZ RANGE 100-1000; RESONATORS; EQUIPMENT; ELECTRODYNAMICS; ELECTRIC FIELDS

Equivalent computation scheme of electrodynamic characteristics of standing wave E₁₁ deflecting structure

S71

Binyukov, P.V.; Smirnov, A.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehkivalentnaya skhema rascheta ehlektrodinamicheskikh kharakteristik otklonyayushchej sistemy na stoyachej volne E_1_1

p. 140

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

WAVEGUIDES; STANDING WAVES; ELECTRODYNAMICS; ELECTROMAGNETIC RADIATION; EQUIPMENT; ELECTRON BEAMS

Electrons dynamics in standing wave HF-deflector

S71

Binyukov, P.V.; Savin, E.A.; Smirnov, A.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Dinamika ehlektronov v VCh-deflektore na stoyachej volne

p. 140

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON BEAMS; STANDING WAVES; BEAM BUNCHING; COMPUTERIZED SIMULATION; TRAJECTORIES; BEAM EMITTANCE

Computation of higher type waves in time domain of HF-deflector

S71

Binyukov, P.V.; Savin, E.A.; Smirnov, A.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet voln vysshikh tipov vo vremennoj oblasti VCh-deflektora

p. 141

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON BEAMS; BEAM BUNCHING; ELECTROMAGNETIC FIELDS; ELECTRIC POTENTIAL; COMPARATIVE EVALUATIONS; COMPUTER CALCULATIONS

Comparative analysis of computer codes for electron dynamics calculation by the example of bunching section of 50 MeV electron linear accelerator

S71

Savin, E.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sravnitel'nyj analiz programm rascheta dinamiki ehlektronov na primere gruppiruyushchej sektsii linejnogo uskoritelya ehlektronov na 50 MeV

p. 141

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATORS; ELECTRON BEAMS; MEV RANGE 10-100; BEAM DYNAMICS; COMPUTER CODES; COMPARATIVE EVALUATIONS

Coaxial-to-stripline phase-shifter

S43

Zavadtsev, A.A. (*OOO Nano Invest, Moscow (RU)*); Savin, E.A. (*Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)*)

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Koaksial'no-poloskovyj fazovrashchatel'

p. 142

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LINEAR ACCELERATORS; ELECTRON BEAMS; MEV RANGE 10-100; KLYSTRONS; PHASE SHIFT; EQUIPMENT

Investigation of travelling wave HF-deflector power input effect on its electrodynamic characteristics

S43

Adon'ev, O.A.; Binyukov, P.V.; Smirnov, A.Yu. (*Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)*)

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vliyaniya vvoda moshchnosti BCh-deflektora na begushchej volne na ego ehlektrodynamiccheskie kharakteristiki

p. 142

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

WAVEGUIDES; TRAVELLING WAVES; ELECTRODYNAMICS; MICROWAVE EQUIPMENT; ELECTRON BEAMS

Calculation of pulsed thermal conditions in round apertured waveguides

S43

Kutsaev, S.V. (Natsional'naya Lab. Argon, Chikago (US)); Savin, E.A.; Bazyl', D.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet impul'snogo teplovogo rezhima v kruglykh diafragmirovannykh volnovodakh

p. 143

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

WAVEGUIDES; MICROWAVE EQUIPMENT; HEATING; POWER INPUT; COMPUTER CODES

Waveguide water load

S43

Zavadtsev, A.A. (OOO Nano Invest, Moscow (RU)); Savin, E.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Volnovodnaya vodyanaya nagruzka

p. 143

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LINEAR ACCELERATORS; MICROWAVE EQUIPMENT; COOLING; WATER;
WAVEGUIDES; COMPUTERIZED SIMULATION; GHZ RANGE 01-100

Applicability of energy compression system with ultrashort pulses for electron linear accelerators feeding

S43

Senyukov, V.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vozmozhnosti primeneniya sistem kompressii ehnergii s ul'trakorotkimi impul'sami dlya pitaniya linejnykh uskoritelej ehlektronov

p. 144

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MICROWAVE RADIATION; PULSES; POWER; PARTICLE BEAMS; MICROWAVE EQUIPMENT; ACCELERATION

Applicability of conical surface targets for neutron generation in linear hydrogen nuclide accelerators

S43

Bogdanovich, B.Yu.; Nesterovich, A.V.; Shikanov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vozmozhnosti ispol'zovaniya mishenej s konicheskoj poverkhnost'yu dlya generatsii nejtronov v linejnykh uskoritelyakh nuklidov vodoroda

p. 144

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HYDROGEN ISOTOPES; TARGETS; NEUTRON GENERATORS; NUCLEAR REACTION YIELD; COMPUTERIZED SIMULATION

On certain method of the Hill equation solution

S43

Vorontsov, V.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ob odnom sposobe resheniya uravneniya Khilla

p. 145

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HILL EQUATION; MATRICES; NUMERICAL SOLUTION; ALGORITHMS; ACCELERATOR FACILITIES

State-of-the-art and prospects of wireless energy transfer

S24

Savvin, V.L.; Kazaryan, G.M.; Mikheev, D.A.; Ivanov, K.V.; Pirogov, Yu.A. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Kafedra Fotoniki i Fiziki Mikrovoln, Moscow (RU)); Konnov, A.V. (FGUP NPP TORIJ, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sovremennoe sostoyanie i perspektivy besprovodnoj peredachi ehnergii

p. 148

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MICROWAVE RADIATION; LASER POWER TRANSMISSION; POWER TRANSMISSION; FORECASTING

Prospects of application of wireless land- and space-based energetics on creating the Unified energy system of Russia

S24

Smakhtin, A.P.; Chuyan, R.K. (Moskovskij Aviatsionnyj Inst. (Natsional'nyj Issledovatel'skij Univ.) MAI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Perspektivy primeneniya sistem besprovodnoj ehnergetiki nazemnogo i kosmicheskogo bazirovaniya pri sozdanii Edinoj ehnergosistemy Rossii

p. 148

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

POWER SYSTEMS; ECONOMICS; ECOLOGY; RUSSIAN FEDERATION; FORECASTING

Specific character of resonance mode energy exchange with electron beam in cyclotron transducer

S43

Mikheev, D.A.; Kazaryan, G.M.; Savvin, V.L.; Ivanov, K.V.; Pirogov, Yu.A. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Kafedra Fotoniki i Fiziki Mikrovoln, Moscow (RU)); Konnov, A.V. (FGUP NPP TORIJ, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Spetsifika ehnergoobmena rezonansnoj mody s ehlektronnym puchkom v tsiklotronnom preobrazovatele

p. 149

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TRANSDUCERS; CYCLOTRONS; RESONANCE; OSCILLATIONS; ELECTRON BEAMS; ENERGY TRANSFER

Combined nuclear energy plant with the system of wireless energy transfer for deep space flight

S21

Grabin, B.V.; Smakhtin, A.P.; Chuyan, R.K. (Moskovskij Aviatsionnyj Inst. (Natsional'nyj Issledovatel'skij Univ.) MAI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Kombinirovannaya yadernaya ehnergosilovaya ustanovka s sistemoj besprovodnoj peredachi ehnergii dlya dal'nikh kosmicheskikh poletov

p. 149

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

REACTORS; SPACE VEHICLES; ENERGY TRANSFER; PROPULSION SYSTEMS; ELECTROMAGNETIC RADIATION; REACTOR SAFETY

High-efficiency thermoelectric current inputs for direct current superconducting power transmission line

S42

Nesterov, S.B.; Roman'ko, V.A.; Kholopkin, A.I. (FGUP NIIVT im. S.A. Vekshinskogo, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vysokoehffektivnye termoelektricheskie tokovye vvody dlya sverkhprovodyashchikh linij peredachi ehlektroehnergii na postoyannom toke

p. 150

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

POWER TRANSMISSION LINES; DIRECT CURRENT; SUPERCONDUCTING CABLES; ELECTRIC CONDUCTIVITY; EFFICIENCY; TEMPERATURE DEPENDENCE; TEMPERATURE DISTRIBUTION

Neutron tubes with ion SHF-source

S43

Didenko, A.N.; Karabchevskaya, O.V.; Prokopenko, A.V.; Rashchikov, V.I.; Shatokhin, V.L.; Shikanov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Nejtronnyye trubki s SVCh-istochnikom ionov

p. 152

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACCELERATION; HYDROGEN ISOTOPES; NEUTRON GENERATORS; ION SOURCES;
ELECTROMAGNETIC FIELDS

On possibility of usage of super fast SHF-heating for tungsten surface modification

S36

Zenin, D.V.; Prokopenko, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O vozmozhnosti ispol'zovaniya sverkhbystrogo SVCh-nagreva dlya modifikatsii poverkhnosti vol'frama

p. 152

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TUNGSTEN; SURFACES; MICROWAVE HEATING; TEMPERATURE DISTRIBUTION;
HEATERS; ELECTRODYNAMICS; MODIFICATIONS

Installation for radioactive salt melt reprocessing

S12

Dmitriev, M.S.; Kolyaskin, A.D.; Krasnokutskij, R.A.; Shatokhin, V.L.; Shmid, V.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Lebedev, V.V. (Goskorporatsiya Rosatom, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ustanovka dlya pererabotki radioaktivnykh plavov solej

p. 153

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
RADIOACTIVE WASTES; LIQUID WASTES; RADIOACTIVE WASTE PROCESSING;
DEHYDRATION; SALTS

Development of laser velocimeter for detailed characteristic of gas jets properties
S43

Aleksandrova, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); The Univ. of Liverpool, Liverpool (GB)); Putignano, M.; Uehlsch, K.P. (The Univ. of Liverpool, Liverpool (GB))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Razrabotka lazernogo izmeritelya skorostej dlya detal'noj kharakteristiki svojstv gazovykh stuj
p. 156

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

JETS; GASES; BEAMS; MEASURING INSTRUMENTS; VELOCITY; LASERS

Investigation of $^{12}\text{C}_2$, $^{12}\text{C}^{13}\text{C}$ and $^{13}\text{C}_2$ molecules fluorescence in gases excited by copper-vapor lasers on 578.2 nm wavelength
S74

Kireev, S.V.; Kondrashov, A.A.; Simanovskij, I.G.; Sobolevskij, I.V.; Suganeev, S.V.; Shnyrev, S.L. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie fluorestsentsii molekul $^{12}\text{C}_2$, $^{12}\text{C}^{13}\text{C}$ i $^{13}\text{C}_2$ v gazakh, vzbuzhdaemoj lazerami na parakh medi na dline volny 578,2 nm

p. 157

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)
Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
FLUORESCENCE; IODINE; IODINE 127; IODINE 129; METAL VAPOR LASERS;
LASERS; LASER BEAM MACHINING; EXCITATION; SPENT FUELS; REPROCESSING;
ABSORPTION SPECTRA; CONTROL

Laser interferometer for studying electron density of micropinch discharge plasma

S70

Dvoeglazov, Ya.M.; Kuznetsov, A.P.; Mikhajlyuk, A.V.; Savelov, A.S.; Sarantsev, S.A.
(Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Lazernyj interferometr dlya issledovaniy ehlektronnoj plotnosti plazmy mikropinchevogo razryada

p. 157

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PINCH EFFECT; PLASMA; ELECTRON DENSITY; MACH-ZEHNDER
INTERFEROMETER; SPATIAL DISTRIBUTION

Effect of gas media temperature and pressure on iodine molecule fluorescence excited by semiconductor laser radiation

S74

Kireev, S.V.; Shnyrev, S.L. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vliyanie temperatury i davleniya gazovoj sredy na fluorestsentsiyu molekul joda, vzbuzhdaemuyu izlucheniem poluprovodnikovogo lazera

p. 158

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SEMICONDUCTOR LASERS; IODINE; MOLECULES; FLUORESCENCE; EXCITATION; TEMPERATURE DEPENDENCE; PRESSURE DEPENDENCE; IODINE 129

Analysis of possible sources of errors during linear dimension measuring in nanometer range

S77

Kuznetsov, A.P.; Gubskij, K.L.; Reshetov, V.N.; Koshkin, D.S.; Leonova, T.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Analiz vozmozhnykh istochnikov oshibok, vznikayushchikh pri izmereniyakh linejnykh razmerov v nanometrovom diapazone

p. 159

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MICROSCOPES; SCANNING ELECTRON MICROSCOPY; ACCURACY; ERRORS; INTERFEROMETERS; NANOSTRUCTURES

Induced radiation on Xe₂Cl* excimer molecule transitions at liquid Xe-Cl₄ and Ar-Xe-CCl₄ gas mixtures pumping

S74

Mis'kevich, A.I.; Go Tszin'bo (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vynuzhdennoe izluchenie na perekhodakh ehksimernoj molekuly Xe₂Cl* pri nakachke zhidkikh Xe-Cl₄ i Ar-Xe-CCl₄ gazovykhg smesej

p. 160

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

XENON; ARGON; CARBON TETRACHLORIDE; ELECTRON BEAM PUMPING; KEV RANGE 100-1000; EXCITATION; ENERGY-LEVEL TRANSITIONS

Technological characteristics of the process of structure forming of multilayer laser c lads

S36

Koreshkov, R.N.; Shtamm, V.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); OOO NTO IREh-Polyus, Fryazino (RU)); Petrovskij, V.N.; Dzhumaev, P.S.; Pol'skij, V.I.; Yakushin, V.L. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Biryukov, V.P. (Inst. Mashinovedeniya im. A.A. Blagonravova RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Tekhnologicheskie osobennosti protsessa formirovaniya struktury mnogoslojnykh lazernykh naplavok

p. 161

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy

fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CLADDING; LASER RADIATION; NICKEL; IRON; POWDERS; SURFACES; ARGON;
MICROHARDNESS

Laser welding of refractories by powerful fiber-optics laser

S36

Uspenskij, S.A.; Razdelkin, R.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); OOO NTO IREh-Polyus, Frayazino (RU)); Petrovskij, V.N.; Dzhumaev, P.S.; Pol'skij, V.I.; Yakushin, V.L. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Lazernaya svarka moshchnym volokonnyim lazerom tugoplavkikh materialov

p. 162

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MOLYBDENUM ALLOYS; TITANIUM ALLOYS; LASER WELDING; LASERS; WELDED JOINTS; METALLOGRAPHY; X-RAY DIFFRACTION

Laser monitor of erosion of tokamak plasma chamber first-wall

S70

Frolov, V.I.; Kuznetsov, A.P.; Begrambekov, L.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Buzhinskij, O.I. (Troitskij Inst. Innovatsionnykh i Termoyadernykh Issledovaniy, Troitsk (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Lazernyj monitor kontrolya ehrozii pervoj stenki plazmennoj kamery tokamakov

p. 163

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CLOSED PLASMA DEVICES; FIRST WALL; EROSION CONTROL; MONITORS;
MICROSCOPES; LASER RADIATION; SURFACES

Investigation of iron oxides nanoparticles and fractals formation on the glass surface at laser dipulse sputtering of thin films

S77

Chin', Kh.N.; Fadaiyan, A.R.; Zazhogin, A.P. (Belorusskij Gosudarstvennyj Univ., Minsk (BY))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie protsessov obrazovaniya nanochastits i fraktalov oksidov zheleza na poverkhnosti stekla pri lazernom napylenii tonkikh plenok sdvoennymi lazernymi impul'sami

p. 164

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; THIN FILMS; FRACTALS; SURFACES; GLASS; EMISSION
SPECTROSCOPY; IRON OXIDES; LASER RADIATION; PULSES

Synthesis of zinc and copper oxides nanoclusters from salts at laser-chemical activation of the processes

S77

Zazhogin, A.N.; Patapovich, M.P.; Chin', Kh.N.; Bulojchik, Zh.I. (Belorusskij Gosudarstvennyj Univ., Minsk (BY))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Sintez nanoklasters oksidov tsinka i medi iz solej pri lazerno-khimicheskom aktivirovani protsessov
p. 165
(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; ZINC OXIDES; COPPER OXIDES; SURFACES; PLASMA; LASER RADIATION; TRACE AMOUNTS; CHEMICAL PREPARATION

Pulsed optical location of inhomogeneities in strongly scattering media

S71

Gorodnichev, E.E.; Ivliev, S.V.; Kuzovlev, A.I.; Rogozkin, D.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Impul'snaya opticheskaya lokatsiya neodnorodnostej v sil'no rasseivayushchikh sredakh

p. 168

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LIGHT SCATTERING; DEFECTS; DIMENSIONS; PULSES; SIGNALS; OPTICAL PROPERTIES; ABSORPTION

Interaction of picosecond laser pulses with dynamic plasma phase plate

S71

Tsygvintsev, I.P.; Korneev, F.A.; Narozhnyj, N.B.; Popruzhenko, S.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Novikov, V.G. (Inst. Prikladnoj Matematiki im. M.V. Keldysha RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vzaimodejstvie pikosekundnykh lazernykh impul'sov s dinamicheskoy plazmennoj fazovoj plastinoj

p. 168

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LASER RADIATION; BEAM-PLASMA SYSTEMS; OPTICAL DISPERSION; FOCUSING

Polarization peculiarities of magneto-optic resonance for open V-configuration of atomic transitions

S74

Zhukov, A.A.; Yakovlev, V.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Polyarizatsionnye osobennosti magnitoopticheskogo rezonansa dlya otkrytoj V-konfiguratsii atomnykh perekhodov

p. 169

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MAGNETIC RESONANCE; LASER RADIATION; SPIN ORIENTATION; CONFIGURATION; RUBIDIUM; ATOMS

Solution of quantum scattering problem without use of partial-wave decompositions at intermediate energies

S71

Kukulin, V.I.; Rubtsova, O.A.; Kel'vich, S.A. (NII Yadernoj Fiziki im. D.V. Skobel'tsyna MGU, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Reshenie kvantovoj zadachi rasseyaniya bez ispol'zovaniya partsial'no-volnovykh razlozhenij pri promezhutochnykh ehnergiyakh

p. 169

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

LIPPMANN-SCHWINGER EQUATION; QUANTUM MECHANICS; GREEN FUNCTION; APPROXIMATIONS; COMPUTER CODES; WAVE FUNCTIONS; SCATTERING; PARTIAL WAVES

Forming of low-energy peculiarity in the above-threshold ionization spectra

S71

Korneev, F.A.; Kel'vich, S.A.; Goreslavskij, S.P.; Metel'skij, I.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Formirovanie nizkoehnergeticheskoy osobennosti v spektre nadporogovoj ionizatsii

p. 170

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

IONIZATION; SPECTRA; LASER RADIATION; PULSES; EV RANGE 01-10; COULOMB FIELD

Half-integer quantization of complete orbital moment of three-electron quantum dot ground state

S77

Kuleshov, V.M.; Mur, V.D.; Narozhnyj, N.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Polutseloe kvantovanie polnogo orbital'nogo momenta osnovnogo sostoyaniya trekheelektronnoj kvantovoj točki

p. 170

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

QUANTUM DOTS; GALLIUM ARSENIDES; MAGNETIC FIELDS; QUANTUM NUMBERS; PAULI PRINCIPLE

Methodical ware and software of GTR investigation in compound nucleus

S73

Abramovich, S.N. (FGUP RFYaTs VNII Ehksperimental'noj Fiziki, Sarov (RU)); Zvenigorodskij, A.G. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metodicheskoe i programmnoe obespechenie issledovaniya GTR v sostavnom yadre

p. 171

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy

fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMOW-TELLER RULES; TIN 116; TIN 118; TIN 120; TIN 117; ELASTIC SCATTERING; INELASTIC SCATTERING; DIFFERENTIAL CROSS SECTIONS; PROTON BEAMS; MEV RANGE 01-10; GIANT RESONANCE; SPECTROSCOPY

Influence of complex configurations on the properties of pigmi resonance in ^{124}Sn - ^{132}Sn

S73

Arsen'ev, N.N.; Severyukhin, A.P.; Voronov, V.V. (Lab. Teoreticheskoy Fiziki im. N.N. Bogolyubova, OIYaI, Dubna (XJ))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vliyanie slozhnykh konfiguratsij na svoystva pigmi rezonansov v ^{124}Sn - ^{132}Sn

p. 171

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TIN ISOTOPES; NUCLEOSYNTHESIS; EXCITATION; RANDOM PHASE APPROXIMATION; RESONANCE; MATHEMATICAL MODELS

Properties of Gamow-Teller states in neutron-excess nuclei near ^{132}Sn

S73

Severyukhin, A.P. (Lab. Teoreticheskoy Fiziki im. N.N. Bogolyubova, OIYaI, Dubna (XJ)); Sagava, Kh. (Univ. Ajzu, Ajzu-Vakamatsu (JP))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Svoystva gamov-tellerovskikh sostoyanij v nejtronno-izbytochnykh yadrakh vblizi ^{132}Sn

p. 172

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

RANDOM PHASE APPROXIMATION; TENSORS; EXCITATION; NUCLEI

Description of nuclei deep hole states attenuation in single-particle optical model S71

Kolomijtsev, G.V.; Urin, M.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Igashov, S.Yu. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); FGUP VNII Avtomatiki im. N.L. Dukhova, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Opisanie zatukhaniya glubokikh dyrochnykh sostoyanij yader v odnochastichnoj opticheskoj modeli

p. 172

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

OPTICAL MODELS; INTERMEDIATE MASS NUCLEI; WAVE FUNCTIONS; ABSORPTION; MATHEMATICAL MODELS; SCHROEDINGER EQUATION

On the properties of isoscalar monopole nuclear excitations in wide energy range S73

Gorelik, M.L.; Urin, M.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O svoystvakh izoskalyarnykh monopol'nykh yadernykh возбуждений в широком диапазоне энергии

p. 173

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NUCLEAR MATTER; NUCLEAR REACTIONS; GIANT RESONANCE; ENERGY RANGE; PARTICLE-HOLE MODEL

Charge-exchange dipole giant resonances and neutron coat in tin isotopes

S73

Igashov, S.Yu. (FGUP VNII Avtomatiki im. N.L. Dukhova, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Urin, M.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Zaryadovo-obmennye dipol'nye gigantskie rezonansy i nejtronnaya shuba v izotopakh olova

p. 173

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TIN ISOTOPES; GIANT RESONANCE; NEUTRONS; STRENGTH FUNCTIONS; INTEGRALS; RANDOM PHASE APPROXIMATION

Description of the simplest photonuclear reactions within the frame of particle-hole dispersion optical model

S73

Tulupov, B.A. (Inst. Yadernykh Issledovanij RAN, Moscow (RU)); Urin, M.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Opisanie prostejshikh fotoyadernykh reaktsij v ramkakh chastichno-dyrochnoj dispersionnoj opticheskoj modeli

p. 174

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PHOTONUCLEAR REACTIONS; GIANT RESONANCE; ISOVECTORS; NUCLEAR QUADRUPOLE RESONANCE; PARTICLE-HOLE MODEL

Elastic proton width of Gamow-Teller resonances in ^{111}Sb nucleus

S73

Safonov, I.V.; Urin, M.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Uprugaya protonnaya shirina gamov-tellerovskikh rezonansov v yadre ^{111}Sb

p. 174

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GAMOW-TELLER RULES; STRENGTH FUNCTIONS; NUCLEAR REACTIONS; RANDOM PHASE APPROXIMATION; MATHEMATICAL MODELS; COMPARATIVE EVALUATIONS

Description of nucleon-nuclear scattering within the frame of particle-hole dispersion optical model

S73

Urin, M.G. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Opisanie nuklon-yadernogo rasseyaniya v ramkakh chastichno-dyrochnoj dispersionnoj opticheskoy modeli

p. 175

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PARTICLE-HOLE MODEL; SCATTERING; GIANT RESONANCE; EXCITATION

On production of rare fermions in e^+e^- annihilation within the frame of the standard model

S72

Lomonosova, T.A.; Berkov, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

O rozhdenii redkikh fermionov v e^+e^- annigilyatsii v ramkakh standartnoj modeli

p. 175

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ANNIHILATION; POSITRONS; ELECTRONS; HEAVY LEPTONS; PAIR PRODUCTION; PARTICLE DECAY; ENERGY SPECTRA

Electron bounded state on coulomb center in electron gas

S74

Ivliev, S.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Svyazannoe sostoyanie ehlektrona na kulonovskom tsentre v ehlektronnom gaze

p. 176

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRON GAS; ELECTRONS; BINDING ENERGY; ELECTRON DENSITY; PARTICLE RADII; POSITRONIUM; HYDROGEN IONS 1 MINUS

Time delays and advances in resonance kinetics

S71

Voskresenskij, D.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU));

Kolomejstev, E.Eh. (Univ. Mateya Bela, Banska Bystritsa (SK))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vremennye zaderzhki i operezheniya v kinetike rezonansov

p. 176

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

QUANTUM MECHANICS; TIME DEPENDENCE; KINETIC EQUATIONS; ELEMENTARY PARTICLES

Ansatz of relaxation time and shearing and volume viscosities of hadronic and quark-gluonic matter

S72

Voskresenskij, D.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Toneev, V.D.; Khvorostukhin, A.S. (Ob''edinennyj Inst. Yadernykh Issledovaniy, Dubna (XJ))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Anzats vremeni relaksatsii i sdvigovaya i ob''emnaya vyazkosti adronnogo i kvark-glyuonnogo veshchestva

p. 177

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MATTER; HADRONS; QUARKS; GLUONS; RELAXATION TIME; VISCOSITY; APPROXIMATIONS; KINETIC EQUATIONS

Screening and hypothetic antiscreeing of the charge in certain semimetals and in quantum electrodynamics

S75

Voskresenskij, D.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ehkranirovka i gipoteticheskaya antiehkranirovka zaryada v nekotorykh polumetallakh i v kvantovoj ehlektrodinamike

p. 177

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

THOMAS-FERMI MODEL; SEMIMETALS; PERMITTIVITY; QUANTUM
ELECTRODYNAMICS; ELECTRIC CHARGES; IMPURITIES

Stable vortex solution in Bose condensate of excitonic polaritons in microcavity
S71

Voronova, I.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Lozovik, Yu.E. (Inst. Spektroskopii RAN, Troitsk (RU); Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.), Dolgoprudnyj (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Ustojchivye vikhrevye resheniya v boze-kondensate ehksitonnykh polyaritonov v mikropolosti
p. 178

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

BOSE-EINSTEIN CONDENSATION; POLARONS; VORTICES; EXCITONS; PHOTONS;
DIMENSIONS

Physical simulation of AlGaIn/GaN HEMT electrical characteristics

S75

Kargin, N.I.; Ivanov, R.I.; Ryzhuk, R.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Zhuravlev, K.S.; Mansurov, V.G. (Inst. Fiziki Poluprovodnikov im. A.V. Rzhanova SO RAN, Novosibirsk (RU))

Scientific session of NRNU MEPhi-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Fizicheskoe modelirovanie ehlektricheskikh kharakteristik AlGaIn/GaN HEMT

p. 180

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhi-2013. Abstracts. In three volumes. Volume 2. Problems of

fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
FIELD EFFECT TRANSISTORS; SIMULATION; T CODES; HETEROJUNCTIONS;
QUANTIZATION; ELECTRICAL PROPERTIES; SCHROEDINGER EQUATION; POISSON
EQUATION; COMPARATIVE EVALUATIONS

In-situ passivation of AlGaIn/GaN SiN heterostructures by the method of ammonia molecular-beam epitaxy

S36

*Andreev, A.A.; Perminov, P.A.; Majboroda, I.O.; Zhanaveskin, M.L. (Natsional'nyj
Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))*

Scientific session of NRNU MEPhI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

In-situ passivatsiya geterostruktur AlGaIn/GaN SiN metodom ammiachnoj molekulyarno-
puchkovoij ehpitaksii

p. 180

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPhI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ALUMINIUM NITRIDES; GALLIUM NITRIDES; SILICON NITRIDES; PASSIVATION;
MOLECULAR BEAM EPITAXY; AMMONIA; COMPARATIVE EVALUATIONS;
EFFICIENCY; CRYSTAL STRUCTURE; ELECTRICAL PROPERTIES

AlN films on Si (111) substates prepared by molecular-beam epitaxy

S36

*Majboroda, I.O.; Sokolov, I.S.; Moskvina, V.V.; Andreev, A.A.; Zhanaveskin, M.L. (Natsional'nyj
Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))*

Scientific session of NRNU MEPhI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Plenki AlN na podlozhkakh Si (111), poluchennye metodom molekulyarno-luchevoj ehpitaksii

p. 181

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SILICON; SUBSTRATES; MOLECULAR BEAM EPITAXY; ALUMINIUM NITRIDES; THIN FILMS; ATOMIC FORCE MICROSCOPY; NITRIDATION

Optimization of heteroepitaxy structure construction of GaN-based transistors

S75

Makarov, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Optimizatsiya konstruksii geteroehpitaksial'noj struktury tranzistorov na osnove GaN

p. 181

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TRANSISTORS; GALLIUM NITRIDES; SUBSTRATES; SIMULATION; OPTIMIZATION

Metrological control of technology of isomorphous

In_{0.5}Ga_{0.47}As/In_{0.5}Al_{0.48}As heterostructures on InP substrates by the method of high-resolution X-ray diffractometry

S36

Vasil'evskij, I.S.; Vinichenko, A.N.; Grekhov, M.M.; Kargin, N.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metrologicheskij kontrol' tekhnologii izomorfnykh geterostruktur

In_{0.5}Ga_{0.47}As/In_{0.5}Al_{0.48}As na podlozhkakh InP metodom vysokorazreshayushchej rentgenovskoj difraktometrii

p. 182

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; INDIUM ARSENIDES; GALLIUM ARSENIDES; ALUMINIUM ARSENIDES; INDIUM PHOSPHIDES; MOLECULAR BEAM EPITAXY; CHEMICAL COMPOSITION; ACCURACY; X-RAY DIFFRACTION

Optimization of the technique of drop epitaxy in the GaAs/AlGaAs system for effective control of obtaining nanostructures assembly parameters

S77

Vasil'evskij, I.S.; Vinichenko, A.N; Eremin, I.S.; Sibirmovskij, Yu.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Optimizatsiya metoda kapel'noj ehpitaksii v sisteme GaAs/AlGaAs dlya ehffektivnogo upravleniya parametrami ansamblya poluchaemykh nanostruktur

p. 182

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; GALLIUM ARSENIDES; ALUMINIUM ARSENIDES; MOLECULAR BEAM EPITAXY; MORPHOLOGY; CONCENTRATION RATIO; SUBSTRATES; TEMPERATURE DEPENDENCE; PRESSURE DEPENDENCE

**Influence of single InAs insertions on electron mobility in quantum wells
In_{0.5}Al_{0.48}As/In_{0.5}Al_{0.47}As/InAs/In_{0.5}Al_{0.47}As/In_{0.5}Al_{0.48}As//InP**

S77

Yuzeeva, N.A.; Galiev, G.B.; Klimov, E.A. (Inst. SVCh Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU)); Kul'bachinskij, V.A.; Oveshnikov, L.N. (Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)); Vasil'evskij, I.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vliyanie odinochnykh vstavok InAs na podvizhnosti ehlektronov v kvantovykh yamakh

In_{0.5}Al_{0.48}As/In_{0.5}Al_{0.47}As/InAs/In_{0.5}Al_{0.47}As/In_{0.5}Al_{0.48}As//InP

p. 183

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

INDIUM ARSENIDES; ALUMINIUM ARSENIDES; GALLIUM ARSENIDES; INDIUM PHOSPHIDES; SUBSTRATES; ELECTRON MOBILITY; CHEMICAL COMPOSITION

Investigation of GaAs substrate crystallographic orientation on nonuniformity and anisotropy of electrophysical properties of PHEMT and MHEMT nanostructures

S36

Korolev, A.M.; Vasil'evskij, I.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Pushkarev, S.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Inst. SVCh Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU)); Galiev, G.B.; Klimov, E.A. (Inst. SVCh Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vliyaniya kristallograficheskoy orientatsii podlozhki GaAs na neodnorodnost' i anizotropiyu ehlektrofizicheskikh svojstv PHEMT i MHEMT nanogeterostruktur

p. 183

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

TRANSISTORS; SUBSTRATES; GALLIUM ARSENIDES; CONCENTRATION RATIO; ANISOTROPY; ORIENTATION; NANOSTRUCTURES

Scattering suppression on ionized impurity in delta-doped PHEMT heterostructures with nano-sized AlAs barrier in spacer

S75

Vasil'evskij, I.S.; Vinichenko, A.N.; Gladkov, V.P.; Kargin, N.I.; Strikhanov, M.N (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Podavlenie rasseyaniya na ionizirovannoj primesi v del'ta-legirovannykh PHEMT geterostrukturakh s nanorazmernym AlAs barierom v spejsere

p. 184

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; ALUMINIUM ARSENIDES; TRANSISTORS; GALLIUM ARSENIDES; INDIUM ARSENIDES; QUANTUM WELLS; WAVE FUNCTIONS; SCATTERING; IMPURITIES

Investigation of metamorphic buffer design effect on nonuniformity and anisotropy of electrophysical properties of MHEMT nanoheterostructures

S77

Lopotov, V.S.; Vasil'evskij, I.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Pushkarev, S.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Inst.

SVCh Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU); Galiev, G.B.; Klimov, E.A. (Inst. SVCh Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vliyaniya dizajna metamorfnoogo bufera na neodnorodnost' i anizotropiyu ehlektrofizicheskikh svoystv MHEMT nanogeterostruktur

p. 184

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; HALL EFFECT; ELECTRICAL PROPERTIES; MOLECULAR BEAM EPITAXY; ANISOTROPY

Influence of composition profile of quantum well on optical and electrophysical properties of P-HEMT heterostructures

S77

Vasil'evskij, I.S.; Vinichenko, A.N.; Grekhov, M.M.; Kargin, N.I.; Lavrukhin, D.V.; Strikhanov, M.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Vliyanie profilya sostava kvantovoj yamy na opticheskie i ehlektrofizicheskie svoystva P-HEMT geterostruktur

p. 185

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

QUANTUM WELLS; HETEROJUNCTIONS; ALUMINIUM ARSENIDES; INDIUM ARSENIDES; GALLIUM ARSENIDES; CHEMICAL COMPOSITION; ELECTRON MOBILITY; OPTICAL PROPERTIES; ELECTRICAL PROPERTIES

Surface morphology of epitaxy layers of InAs on AlAs when growing with local relaxation

S36

Vasil'evskij, I.S.; Vinichenko, A.N.; Grekhov, M.M.; Kargin, N.I.; Strikhanov, M.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Morfologiya poverkhnosti ehpitaksial'nykh sloev InAs na AlAs pri roste s lokal'noj relaksatsiej p. 185

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ALUMINIUM ARSENIDES; GALLIUM ARSENIDES; SEMICONDUCTOR MATERIALS; EPITAXY; DISLOCATIONS; DEFORMATION; ROUGHNESS; RELAXATION

Selective undergate etching of HEMT-heterostructures with n-GaN surface layer

S77

Arutyunyan, S.S.; Slapovskij, D.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Baburov, V.A.; Pavlov, A.Yu. (Inst. Sverkhvysokochastotnoj Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Selektivnoe podzdatvornoe travlenie HEMT-geterostruktur s poverkhnostnym sloem n-GaN p. 186

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

FIELD EFFECT TRANSISTORS; SCHOTTKY EFFECT; ETCHING; THIN FILMS;
GALLIUM NITRIDES

Investigation of uniformity of surface resistance of metal films obtained by thermal evaporation

S36

Vanyukhin, K.D.; Zakharchenko, R.V.; Sejdman, L.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Kontsevoj, Yu.A.; Kurmachev, V.A. (FGUP NPP Pul'sar, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie odnorodnosti poverkhnostnogo soprotivleniya metallicheskih plenok, poluchennykh termicheskim ispareniem

p. 186

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GALLIUM NITRIDES; SCHOTTKY BARRIER DIODES; SEMICONDUCTOR DEVICES;
ELECTRIC CONDUCTIVITY; COMPARATIVE EVALUATIONS; THIN FILMS; METALS;
EVAPORATION; ELECTRON BEAM MELTING; DEPOSITION

Investigation of ITO-based transparent films production techniques and their influence on volt-ampere characteristics of GaN-based semiconductor devices

S36;S46

Vanyukhin, K.D.; Zakharchenko, R.V.; Sejdman, L.A.; Voronova, A.A.; Blinov, P.A.; Evseeva, E.M.; Minnebaev, S.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie metodov polucheniya prozrachnykh plenok na osnove ITO i ikh vliyanie na vol't-ampernye kharakteristiki poluprovodnikovyykh priborov na GaN

p. 187

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ELECTRIC CONDUCTIVITY; GALLIUM NITRIDES; OPACITY; LIGHT EMITTING DIODES; THIN FILMS; COMPARATIVE EVALUATIONS; CRYSTAL GROWTH METHODS; SEMICONDUCTOR MATERIALS

Investigation of correlation between internal mechanical stresses and hydrogen quantitative content in silicon nitride films

S36

Lebedev, S.S.; Simakov, A.S.; Volosov, A.V.; Steblin, S.A.; Evseeva, E.M.; Voronova, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Koval'chuk, A.V. (FGUP GNTs RF Inst. Teoreticheskoy i Eksperimental'noj Fiziki, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vzaimosvyazi mezhdv vnutrennimi mekhanicheskimi napryazheniyami i kolichestvennym soderzhanijem vodoroda v plenkach nitrida kremniya

p. 187

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SILICON NITRIDES; THIN FILMS; STRESSES; HYDROGEN COMPOUNDS; CONCENTRATION RATIO; CORRELATIONS

Selective plasma-chemical etching of HEMT-heterostructures with n-GaAs cap-layer

S36

Arutyunyan, S.S.; Slapovskij, D.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Baburov, V.A.; Pavlov, A.Yu. (Inst. Sverkhvysokochastotnoj Poluprovodnikovoj Ehlektroniki RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Selektivnoe plazmokhimicheskoe travlenie HEMT-geterostruktur s cap-sloem n-GaAs

p. 188

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

FIELD EFFECT TRANSISTORS; SCHOTTKY EFFECT; ETCHING; THIN FILMS;
GALLIUM ARSENIDES; OPTIMIZATION

Investigation of energetic characteristics of HF-discharge plasma ions in modern units RIE (Reactive Ion Etching)

S70

Simakov, A.S.; Lebedev, S.S.; Voloskov, A.V.; Steblin, S.A.; Evseeva, E.M.; Voronova, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie ehnergeticheskikh kharakteristik ionov plazmy VCh-razryada v sovremennykh ustanovkakh RIT (reaktivnogo ionnogo travleniya)

p. 188

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

Investigation of GaAs ICP etching modes for forming through holes

S36

Blinov, P.I.; Volosov, A.V.; Voronova, A.A.; Evseeva, E.M.; Simakov, A.S.; Steblin, S.A.

(Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie vliyaniya rezhimov ICP travleniya GaAs dlya formirovaniya skvoznykh otverstij

p. 190

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya

Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

GALLIUM ARSENIDES; OPENINGS; SUBSTRATES; ETCHING; PLASMA; CHLORINE;
SURFACES; MORPHOLOGY; DIMENSIONS; POWER INPUT

Instability of stationary solution of uniform filtration flow with phase transition

S42

Shargatov, V.A.; Krivosheev, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Neustojchivost' statsionarnogo resheniya odnorodnogo fil'tratsionnogo techeniya s fazovym
perekhodom

p. 192

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya

Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

FILTRATION; FLUID FLOW; PHASE TRANSFORMATIONS; POROSITY; SURFACES;
WAVELENGTHS; MATHEMATICAL SOLUTIONS

Calculation of thermal stress of irradiated polymethylmethacrylate rectangular prism under shock cooling

S36

Ikim, M.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Cheremisov, V.G.; Smolyanskij, A.S. (FGUP Ordena Trudovogo Krasnogo Znameni Nauchno-Issledovatel'skij Fiziko-Khimicheskij Inst. imeni L.Ya. Karpova, Moscow (RU)); Zotov, A.V. (FGBOU Rossijskij Gosudarstvennyj Tekhnologicheskij Univ. - MATI im. K.Eh. Tsiolkovskogo, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet termonapryazhennogo sostoyaniya pryamougol'nykh prizm obluchennogo polimetilmetakrilata v usloviyakh rezkogo okhlazhdeniya

p. 192

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

PMMA; PRISMS; GAMMA RADIATION; RADIATION EFFECTS; COOLING; THERMAL STRESSES; CRACKS

Mechano-activated energetic perchlorate-based composites

S77

Safronov, N.E.; Shevchenko, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Dolgoborodov, A.Yu.; Teselkin, V.A. (IKhF RAN, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Mekhanoaktivirovannye ehnergeticheskie kompozity na osnove perchloratov

p. 193

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

NANOSTRUCTURES; ALUMINIUM; SILICON; PERCHLORATES; ENERGY ABSORPTION; EXPLOSIONS

Nondestructive control of construction materials using acoustic microscope

S36

Bakanova, M.S. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU)); Kostyukov, E.N.; Kolmakov, O.V. (FGUP RFYaTs-VNII Ehksperimental'noj Fiziki, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Nerazrushayushchij kontrol' konstruktsionnykh materialov s pomoshch'yu akusticheskogo mikroskopa

p. 194

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ACOUSTIC MICROSCOPY; SURFACES; STEELS; ALUMINIUM; COMPOSITE MATERIALS; PLASTICS; ELASTICITY; NONDESTRUCTIVE TESTING

Simulation of supercritical fluid: equations of state testing

S97

Anikeev, A.A.; Viktorov, S.B.; Gubin, S.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Modelirovanie zakriticheskogo flyuida: testirovanie uravnenij sostoyaniya

p. 194

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EQUATIONS OF STATE; MONTE CARLO METHOD; HELIUM; HYDROGEN; OXYGEN; NITROGEN; CARBON DIOXIDE; POTENTIALS; CORRECTIONS

Investigation of thermal destruction peculiarities of organic structural materials PS-1 and EhT-1 of protective container

S36

Zablotskaya, N.I. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU)); Morozova, T.A.; Batygeev, A.A. (FGUP RFYaTs - VNIIEhF, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie osobennostej termodestruktsii organicheskikh konstruktsionnykh materialov PS-1 i EhT-1 zashchitnogo kontejnera

p. 195

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

CONTAINERS; POLYMERS; THERMAL GRAVIMETRIC ANALYSIS; THERMAL DEGRADATION; OXIDATION; REACTION KINETICS; HEATING RATE; COMPARATIVE EVALUATIONS

Assessment of Al₂O₃- and ZrO₂-ceramics properties on the base of additive mixing model

S36

Gubin, S.A.; Maklashova, I.V.; Mel'nikova, K.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Otsenka svoystv keramik iz Al₂O₃ i ZrO₂ na osnove modeli additivnogo smesheniya

p. 195

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ALUMINIUM OXIDES; ZIRCONIUM OXIDES; CERAMICS; EQUATIONS OF STATE; CHEMICAL COMPOSITION; PHYSICAL PROPERTIES; MECHANICAL PROPERTIES; FORECASTING

Application of theoretical model ES for calculating shock adiabats of N₂, O₂, CO₂

S71

Bogdanova, Yu.A.; Gubin, S.A.; Viktorov, S.B.; Lyubimov, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Primenenie teoreticheskoy modeli URS dlya rascheta udarnykh adiabat N₂, O₂, CO₂

p. 196

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EQUATIONS OF STATE; NITROGEN; OXYGEN; CARBON DIOXIDE; SHOCK WAVES;
BINARY MIXTURES; MATHEMATICAL MODELS; MONTE CARLO METHOD;
COMPARATIVE EVALUATIONS; TEMPERATURE RANGE; PRESSURE RANGE

Verification of software package LOGOS-Strength application by the example of benchmark problems calculation with account for elastic and elastoplastic deformation

S97

Korsakova, S.I. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU)); Vyatkin, Yu.A.; Poroshin, E.M.; Plakunov, D.A. (FGUP RFYaTs - VNII Ehksperimental'noj Fiziki, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Verifikatsiya paketa prikladnykh programm LOGOS-Prochnost' na primere rascheta testovykh zadach s uchetom uprugogo i uprugoplasticheskogo deformirovaniya

p. 198

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

VERIFICATION; COMPUTER CODES; DEFORMATION; ELASTICITY; MATERIALS

Investigation of cavity development dynamics in solid balls at their quasispherical explosive loading

S36

Bat'kov, Yu.V. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU)); Burtsev, V.V.; Shiberin, I.V. (FGUP RFYaTs - VNIIEhF, Sarov (RU)); Zamotaev, D.N.; Mikhajlov, A.L.; Syrunin, M.A.; Tereshkina, I.A.; Trunin, I.R. (Sarovskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Sarov (RU); FGUP RFYaTs - VNIIEhF, Sarov (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Issledovanie dinamiki razvitiya polosti v sploshnykh sharakh pri ikh kvazisfericheskom vzryvnom nagruzhении

p. 199

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij

Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

METALS; MECHANICAL PROPERTIES; SHOCK WAVES; SPHERES; X-RAY
DIFFRACTION; CAVITIES

Structure of superconducting transition in clusters of metal nanowires obtained by laser ablation in superfluid helium

S75

Karabulin, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Gordon, E.B. (Inst. Problem Khimicheskoy Fiziki RAN, Chernogolovka (RU)); Matyushenko, V.I.; Sizov, V.D. (Filial Inst. Ehnergeticheskikh Problem Khimicheskoy Fiziki RAN, Chernogolovka (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Struktura sverkhprovodyashchego perekhoda v puchkakh metallicheskih nanoprovok, poluchennykh lazernoj ablyatsiej v sverkhtekuchem gelii

p. 200

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

ABLATION; LASER RADIATION; HELIUM; SUPERFLUIDITY; NANOSTRUCTURES;
ELECTRODES; ELECTRICAL PROPERTIES; INDIUM; TIN; LEAD; PHASE
TRANSFORMATIONS; SUPERCONDUCTIVITY

Metrological measuring system nanoscan-3Di on the base of SPM

S46

Kravchuk, K.S.; Gogolinskij, K.V.; Useinov, A.S. (FGBNU TISNUM, Moscow, Troitsk (RU)); Reshetov, V.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Metrologicheskij izmeritel'nyj kompleks Nanoskan-3Di na baze SZM

p. 205

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

MICROSCOPES; INTERFEROMETERS; ERRORS; NANOSTRUCTURES; ACCURACY; DIMENSIONS

Calculation of static and dynamic behaviour of probe for scanning nanohardness tester

S77

Baranova, E.O. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU));

Maslenikov, I.I. (Moskovskij Fiziko-Tekhnicheskij Inst. - Gosudarstvennyh Univ., Dolgoprudnyj (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Raschet staticheskogo i dinamicheskogo povedeniya zonda dlya skaniruyushchego nanotverdomera

p. 205

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

HARDNESS; NANOSTRUCTURES; MICROSCOPY; MICROSCOPES; OPERATION; EQUIPMENT

Physical model of differential inductive sensor of contourgraph and numerical

minimization method of its errors up to 1-10 nm

S46

Loginov, V.B.; Troyan, B.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Elkin, A.G.; Loginov, B.A. (Natsional'nyj Issledovatel'skij Univ. MIEhT, Moscow, Zelenograd (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Fizicheskaya model' differentsial'nogo induktivnogo datchika konturografa i chislennye metody minimizatsii ego pogreshnostej do 1-10 nm

p. 206

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SURFACES; GEOMETRY; MAGNETIC FIELDS; TRANSFER FUNCTIONS; ERRORS; DIMENSIONS

Laser system for secondary cooling of strontium-87 atoms

S74

Fat'yanova, M.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Khabarova, K.Yu.; Slyusarev, S.N.; Pal'chikov, V.G.; Belotelov, G.S.; Kostin, A.N. (FGUP Vserossijskij Nauchno-Issledovatel'skij Inst. Fiziko-Tekhnicheskikh i Radiotekhnicheskikh Izmerenij, Mendeleevo, Moskovskaya Obl. (RU)); Strelkin, S.A. (FGUP Vserossijskij Nauchno-Issledovatel'skij Inst. Fiziko-Tekhnicheskikh i Radiotekhnicheskikh Izmerenij, Mendeleevo, Moskovskaya Obl. (RU)); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Kalachevskij, N.N. (Federal'noe Gosudarstvennoe Uchrezhdenie Nauki Fizicheskij Inst. im. P.N. Lebedeva Rossijskoj Akademii Nauk, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Lazernaya sistema dlya vtorichnogo okhlazhdeniya atomov strontsiya-87

p. 207

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy

fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

STRONTIUM 87; COOLING; SEMICONDUCTOR LASERS; ATOMS; WAVELENGTHS;
ENERGY-LEVEL TRANSITIONS

Alarm events and videosecurity of extended objects (boundaries)

S98

Petrakov, A.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Fedyaev, S.L. (OAO NPK Dedal, Dubna (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Alarmosobytiya i videookharana protyazhennykh ob"ektov (rubezhej)

p. 210

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

SECURITY; ENTRY CONTROL SYSTEMS; NUCLEAR FACILITIES

Application one-shot similarity assessment to the problem of man's sex recognition according to the image

S97

Minin, P.E.; Aristov, M.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Primenenie otsenki one-shot similarity k zadache raspoznavaniya pola cheloveka po izobrazheniyu

p. 219

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of

fundamental science. Strategic information technologies
Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii
ISBN 978-5-7262-1787-1
Moscow (RU)
NIYaU MIFI
2013
364 p.
IDENTIFICATION SYSTEMS; ALGORITHMS; MAN; SEX; IMAGES; PATTERN
RECOGNITION; SECURITY; CLASSIFICATION; MATHEMATICAL MODELS

**Knowledge management in educational institution as a tool of different
competencies synchronization during present-day specialist training**
S96

Kupriyanov, V.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Upravlenie znaniyami v uchebnom zavedenii kak instrument sinkhronizatsii razlichnykh
kompetentsij pri podgotovke sovremennogo spetsialista

p. 281

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya
Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij
Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of
fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy
fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EDUCATION; EDUCATIONAL FACILITIES; EDUCATIONAL TOOLS; TRAINING;
COMPUTER CODES

Information-semantic technology of nuclear knowledge management

S96

*Maksimov, N.V.; Golitsyna, O.L. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow
(RU))*

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Informatsionno-semanticheskie tekhnologii upravleniya yadernymi znaniyami

p. 282

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

KNOWLEDGE MANAGEMENT; INFORMATION SYSTEMS; NUCLEAR INDUSTRY; AUTOMATION

Approaches to information flows simulation at designing integrated information system of national research universities for assessing their thematic closeness

S96

Latysheva, O.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Scientific session of NRNU MEPHI-2013

Moscow (RU)

2013

Nauchnaya sessiya NIYaU MIFI-2013

Podkhody k modelirovaniyu informatsionnykh potokov pri proektirovanii integrirovannoj informatsionnoj sistemy natsional'nykh issledovatel'skikh universitetov dlya otsenki ikh tematicheskoy blizosti

p. 287

(RU)

Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Gosudarstvennaya Korporatsiya po Atomnoj Ehnergii Rosatom, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)

Scientific session of NRNU MEPHI-2013. Abstracts. In three volumes. Volume 2. Problems of fundamental science. Strategic information technologies

Nauchnaya sessiya NIYaU MIFI-2013. Annotatsii dokladov. V 3-kh tomakh. Tom 2. Problemy fundamental'noj nauki. Strategicheskie informatsionnye tekhnologii

ISBN 978-5-7262-1787-1

Moscow (RU)

NIYaU MIFI

2013

364 p.

EDUCATION; EDUCATIONAL FACILITIES; EDUCATIONAL TOOLS; COMPARATIVE EVALUATIONS; STANDARDS; NUCLEAR INDUSTRY

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

S70

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

(RU, EN)

HOT PLASMA; THERMONUCLEAR REACTIONS; ITER TOKAMAK; MAGNETIC CONFINEMENT; INERTIAL CONFINEMENT; PLASMA INSTABILITY; PLASMA SIMULATION; PLASMA DIAGNOSTICS; PLASMA HEATING; MAGNETIC MIRRORS; MAGNETIC FIELD CONFIGURATIONS; ICF DEVICES; LASER IMPLOSIONS; COLD PLASMA; LEADING ABSTRACT; MEETINGS

This book includes the abstracts on plasma physics and controlled fusion presented by scientists from the institutes of the Russian Academy of Sciences, scientific organizations of the Ministry of Education and Science of RF, the State Corporation ROSATOM, the leading universities and institutions of higher education in Russia and the CIS, as well as from the EU and USA research centers and other organizations

В сборник включены тезисы докладов по физике плазмы и управляемому термоядерному синтезу, представленные учеными из институтов Российской академии наук, научных организаций Министерства образования и науки РФ, Государственной корпорации РОСАТОМ, ведущих университетов и высших учебных заведений России, стран СНГ, научных центров стран Европейского Союза, США и других организаций

To the memory of Ehduard Pavlovich Kruglyakov. Open traps: the present and the future

S70

Ivanov, A.A. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail:

A.A.Ivanov@inp.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Pamyati Ehduarda Pavlovicha Kruglyakova. Otkrytye lovushki: nastoyashchee i budushchee

p. 7

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HOT PLASMA; PLASMA DIAGNOSTICS; MAGNETIC MIRROR CONFIGURATIONS;
GOL-3 DEVICE; MAGNETIC CONFINEMENT; HISTORICAL ASPECTS

Physical basis for the project of an open trap as a fusion reactor

S70

Beklemishev, A.D. (Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU); Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: bekl@bk.ru; Burdakov, A.V. (Novosibirskij Gosudarstvennyj Tekhnicheskij Univ., Novosibirsk (RU); Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fizicheskie osnovy proekta termoyadernogo reaktora na osnove otkrytoj lovushki

p. 8

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THERMONUCLEAR REACTORS; MAGNETIC MIRRORS; MAGNETIC MIRROR
CONFIGURATIONS; THERMONUCLEAR FUELS; EFFICIENCY; FEASIBILITY STUDIES

The advance in researches of thermonuclear synthesis in Europe

S70

Ongena, J. (Lab. Fiziki Plazmy, Bryussel' (BE))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Progress v issledovaniyakh termoyadernogo sinteza v Evrope

p. 9

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THERMONUCLEAR REACTIONS; JET TOKAMAK; TORE SUPRA TOKAMAK;
WENDELSTEIN-7 STELLARATOR; FIRST WALL; WALL LOADING; TUNGSTEN;
BERYLLIUM; H-MODE PLASMA CONFINEMENT; L-MODE PLASMA CONFINEMENT;
ICR HEATING; POWER RANGE 01-10 MW; CONFINEMENT TIME

ITER. Russian contribution

S70

Krasil'nikov, A.V. (Chastnoe Uchrezhdenie GK Rosatom Proektnyj Tsentr ITEhR, Moscow (RU)), e-mail: a.krasilnikov@iterrf.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

ITEhR. Vklad Rossii

p. 10

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; MICROWAVE AMPLIFIERS; HIGH-FREQUENCY HEATING;
SUPERCONDUCTING MAGNETS; FIRST WALL; DIVERTORS; PLASMA
DIAGNOSTICS; PLANNING

Problems of development of ITER first wall and divertor

S70

Mazul', I.V. (NIEhFA im. D.V. Efremova, Sankt-Peterburg (RU)), e-mail:

mazuliv@niiefa.spb.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Problemy sozdaniya divertora i pervoj stenki reaktora ITEhR

p. 11

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; FIRST WALL; DIVERTORS; PROCESS DEVELOPMENT UNITS;
BENCH-SCALE EXPERIMENTS

Current generation by helicons and LH waves in modern tokamaks and reactors ITER and DEMO. Scenarios, modeling and antennae

S70

Vdovin, V.L. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: vdov@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Generatsiya toka gelikonami i NG volnami v sovremennykh tokamakakh i reaktorakh ITEhR i DEMO. Stsenarii, modelirovanie i anteny

p. 12

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

ITER TOKAMAK; LOWER HYBRID CURRENT DRIVE; LOWER HYBRID HEATING;
ELECTRIC CURRENTS; HELICON WAVES; PLASMA PRESSURE; BETA RATIO;
ANTENNAS; PLASMA SIMULATION; THREE-DIMENSIONAL CALCULATIONS

Experimental feasibility study of the project of neutron source based on axisymmetric open magnetic trap

S70

Anikeev, A.V.; Bagryanskij, P.A.; Ivanov, A.A. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: p.a.bgryansky@inp.nsk.su (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Rezul'taty ehksperimentov v podderzhku proekta istochnika nejtronov na osnove
osesimmetrichnoj magnitnoj lovushki otkrytogo tipa

p. 13

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NEUTRON SOURCE FACILITIES; OPEN CONFIGURATIONS; MAGNETIC MIRRORS;
PLASMA MACROINSTABILITIES; BENCH-SCALE EXPERIMENTS; FEASIBILITY
STUDIES; HOT PLASMA; PLASMA CONFINEMENT; THERMONUCLEAR REACTIONS

Recent achievements of the lithium program in Russia and abroad

S70

Mirnov, S.V. (GNTs RF TRINITI, Moscow, Administrativnyj Okrug Troitsk (RU)), e-mail: mirnov@triniti.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Poslednie dostizheniya litievoj programmy Rossi i zarubezh'ya

p. 14

(RU)

2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

FIRST WALL; ITER TOKAMAK; LITHIUM; TUNGSTEN; PROTECTIVE COATINGS;
EROSION; DIAGRAMS; REVIEWS

Stellarator researches in the A.M. Prokhorov RAS Institute of general physics S70

Grebenshchikov, S.E. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Stellaratornye issledovaniya v Institute obshchej fiziki im. A.M. Prokhorova RAN

p. 15

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

L-2 STELLARATOR; LHD DEVICE; ECR HEATING; PLASMA DENSITY; LEAK
DETECTORS; PLASMA RADIAL PROFILES; PLASMA INSTABILITY; COMPUTERIZED
SIMULATION; COORDINATED RESEARCH PROGRAMS

Effect of plasma rotation on low-frequency modes in axisymmetric tokamaks S70

Lakhnin, V.P.; Il'gisonis, V.I.; Sorokina, E.A. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail:

lakhin@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie vrashcheniya plazmy na nizkochastotnye mody v osesimmetrichnykh tokamakakh
p. 16

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ROTATING PLASMA; TOKAMAK DEVICES; MAGNETOHYDRODYNAMICS;
ROTATIONAL TRANSFORM; MAGNETIC SURFACES; ION ACOUSTIC WAVES;
OSCILLATION MODES; ALFVEN WAVES; PLASMA SIMULATION; ANALYTICAL
SOLUTION; PLASMA INSTABILITY; REVIEWS

Femtosecond laser center of JIHT RAS

S36;S70

Agranat, M.B.; Ashitkov, S.I.; Ovchinnikov, A.V.; Fortov, V.E. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Femtosekundnyj lazernyj tsentr OIVT RAN

p. 17

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASERS; LASER RADIATION; LASER-RADIATION HEATING; LASER-PRODUCED PLASMA; MATERIALS WORKING; PHASE TRANSFORMATIONS; SURFACE TREATMENTS; TENSILE PROPERTIES; NANOSTRUCTURES; REVIEWS

Light tunneling in gradient nanostructures: paradoxes and prospect

S77

Shvartsburg, A.B. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: alex-s-49@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Tunnelirovanie sveta v gradientnykh nanostrukturakh: paradoksy i perspektivy

p. 18

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NANOSTRUCTURES; TUNNEL EFFECT; VISIBLE RADIATION; DIELECTRIC MATERIALS; THIN FILMS; OPTICAL SYSTEMS; REFRACTIVE INDEX; MAXWELL EQUATIONS; ELECTRODYNAMICS; ANALYTICAL SOLUTION

X-pinch: 30 years of research

S70

Pikuz, S.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: pikuz@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

X-pinch: 30 let issledovanij

p. 19

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PINCH EFFECT; HOT PLASMA; EXPLODING WIRES; MAGNETIC FIELDS; POWER RANGE 100-1000 TW; PLASMA DENSITY; REVIEWS; IMPLOSIONS

Power pulse generators for inertial synthesis in Russia

S70

Grabovskij, E.V. (GNTs RF TRINITI, Troitsk, Moscow (RU)), e-mail: angara@triniti.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Moshchnye impul'snye generatory dlya inertsionnogo sinteza v Rossii

p. 20

(RU)

7 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MARX GENERATORS; ANGARA-5 DEVICE; INERTIAL CONFINEMENT; PULSE RISE TIME; MAGNETIC COMPRESSION; SPARK GAPS; THERMONUCLEAR IGNITION; PLASMA SIMULATION; TWO-DIMENSIONAL CALCULATIONS; THREE-DIMENSIONAL CALCULATIONS; REVIEWS

The UFL-2M facility: first steps on the way to its construction

S70

Bel'kov, S.A.; Garanin, S.G.; Shagalkin, Yu.V. (Rossijskij Federal'nyj Yadernyj Tsentr - VNII Eksperimental'noj Fiziki, Sarov, Nizhegorodskaya Obl. (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ustanovka UFL-2M, pervye shagi po ee sozdaniyu

p. 21

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER FUSION REACTORS; LASER IMPLOSIONS; NEODYMIUM LASERS; DESIGN; SPECIFICATIONS

Plasma modification of polymer materials: from experiments to industrial applications

S36;S70

Titov, V.A.; Gorberg, B.L.; Ivanov, A.A.; Stegnin, V.A. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: titov25@gmail.com; Mamontov, O.V. (OOO Ivtekhnomash, Ivanovo (RU)), e-mail: mail@ivtekhnomash.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Plazmennoe modifitsirovanie polimernykh materialov: ot ehksperimentov k promyshlennoj realizatsii

p. 22

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SURFACE TREATMENTS; POLYMERS; COLD PLASMA; WETTABILITY; ADHESION; TECHNOLOGY UTILIZATION; SPUTTERING; MAGNETRONS; THIN FILMS

Study of characteristics of the turbulence responsible for plasma self-consistency and confinement

S70

Danilov, A.A.; Dnestrovskij, A.Yu.; Razumova, K.A.; Timchenko, N.N.; Shafranov, T.V. (IFT NITs Kurchatovskij Inst., Moscow (RU)), e-mail: razumova@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie kharakteristik turbulentnosti, otvetstvennoj za samoorganizatsiyu i uderzhanie plazmy tokamaka

p. 25

(RU)

4 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

H-MODE PLASMA CONFINEMENT; MAST TOKAMAK; RTP TOKAMAK; HOT PLASMA; PLASMA PRESSURE; MAGNETIC SURFACES; TURBULENCE; TURBULENT FLOW; HEAT FLUX; ELECTRON TEMPERATURE; ECR HEATING; PLASMA RADIAL PROFILES; A CODES; THERMAL BARRIERS

New gyrotrons complex MIG-3 for creating and heating of plasma in stellarator L-2M and results of the first experiments

S70

Kharchev, N.K.; Batanov, G.M.; Borzosekov, V.D. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: khar@fpl.gpi.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Novyj girotronnyj kompleks MIG-3 dlya sozdaniya i nagreva plazmy v stellaratore L-2M i rezul'taty pervykh ehksperimentov

p. 26

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MICROWAVE AMPLIFIERS; L-2 STELLARATOR; PLASMA HEATING; MICROWAVE HEATING; PLASMA PRODUCTION

Extraordinary wave backscattering during the ECR plasma heating in the L-2M stellarator

S70

Batanov, G.M.; Borzosekov, V.D.; Kolik, L.V. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: batanov@fpl.gpi.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Obratnoe rasseyanie neobyknovennoj volny pri EhTsR nagreve plazmy na stellaratore L-2M

p. 27

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

L-2 STELLARATOR; ECR HEATING; BACKSCATTERING; WAVE PROPAGATION; REFLECTION; FOURIER ANALYSIS; SPECTRA; MICROWAVE RADIATION; THEORETICAL DATA

Some principles of plasma disruption in the spherical tokamak GLOBUS-M

Gusev, V.K.; Kurskiev, G.S.; Patrov, M.I.; Petrov, Yu.V.; Sakharov, N.V. (FTI im. A.F. Ioffe, Sankt-Peterburg (RU)), e-mail: michael.patrov@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O prichinakh razvitiya sryva plazmy sfericheskogo tokamaka GLOBUS-M

p. 28

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GLOBUS-M SPHEROMAK; PLASMA DISRUPTION; TEARING INSTABILITY; SAWTOOTH OSCILLATIONS; JOULE HEATING; ELECTRIC DISCHARGES

Studies of divertor plasma in the spherical tokamak GLOBUS-M

S70

Sergeev, V.Yu.; Bykov, A.S.; Skokov, V.G.; Timokhin, V.M. (Sankt-Peterburgskij Gosudarstvennyj Politehnicheskij Univ., Sankt-Peterburg (RU)), e-mail: A.Bykov@spbstu.ru; Khromov, N.A.; Petrov, Yu.V.; Sakharov, N.V. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail: Nikolay.Khromov@mail.ioffe.ru; Kuteev, B.V. (NITs Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie divertornoj plazmy sfericheskogo tokamaka GLOBUS-M

p. 29

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GLOBUS-M SPHEROMAK; HOT PLASMA; DIVERTORS; HEAT FLUX; WALL LOADING; PLASMA DIAGNOSTICS; LANGMUIR PROBE; INFRARED THERMOGRAPHY; TEMPERATURE DISTRIBUTION; SPATIAL DISTRIBUTION; SPATIAL RESOLUTION; EXPERIMENTAL DATA

Study of internal diffusion barriers in the GLOBUS-M tokamak

S70

Kurskiev, G.S.; Gusev, V.K.; Tolstyakov, S.Yu. (FTI im. A.F. Ioffe, Sankt-Peterburg (RU)), e-mail: Gleb.Kurskiev@mail.ioffe.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nablyudenie vnutrennikh diffuzionnykh bar'erov na tokamake GLOBUS-M

p. 30

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GLOBUS-M SPHEROMAK; PLASMA DENSITY; PLASMA FILAMENT; ELECTRON DENSITY; SPATIAL DISTRIBUTION; WORKING FLUIDS; HYDROGEN; DEUTERIUM; MASS NUMBER; ELECTRON TEMPERATURE; JOULE HEATING; SHEAR; ELECTRIC DISCHARGES; EXPERIMENTAL DATA

Experiments with 100 #mu#s electron beams on the GOL-3 device

S70

Postupaev, V.V.; Avrorov, A.P.; Arzhannikov, A.V. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: V.V.Postupaev@inp.nsk.su (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehksperimenty so 100-mks ehlektronnym puchkom na ustanovke GOL-3

p. 31

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GOL-3 DEVICE; ELECTRON BEAM INJECTION; BEAM INJECTION HEATING; POWER RANGE 01-10 MW; ELECTRON BEAMS; KEV RANGE 10-100; AMP BEAM CURRENTS; MAGNETIC CONFINEMENT; ELECTRON TEMPERATURE; ION TEMPERATURE; EXPERIMENTAL DATA

First results on the ECR plasma heating by the GDT

S70

Solomakhin, A.L.; Bagryanskij, P.A.; Kalinin, P.V.; Kovalenko, Yu.V.; Savkin, V.Ya. (IYaF im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: A.L.Solomakhin@inp.nsk.su; Tumm, M.; Yakovlev, D.V. (Novosibirskij Gosuniversitet, Novosibirsk (RU)), e-mail: nsm@nsm.nsu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Pervye rezul'taty po EhTsR nagrevu plazmy na GDL

p. 32

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MAGNETIC MIRRORS; ECR HEATING; MICROWAVE AMPLIFIERS; WAVEGUIDES; ELECTRON TEMPERATURE; MAGNETIC CONFINEMENT; EXPERIMENTAL DATA

The gas dynamic trap as a facility for investigation of plasma-material surface

interaction

S70

Soldatkina, E.I.; Arakcheev, A.S.; Bagryanskij, P.A.; Maksimov, V.V. (Inst. Yadernoj Fiziki SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU)), e-mail: E.I.Soldatkina@inp.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Gazodinamicheskaya lovushka kak stend dlya izucheniya vzaimodejstviya plazmy s poverkhnost'yu

p. 33

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MAGNETIC MIRRORS; WALL EFFECTS; WALL LOADING; HEAT FLUX; DIVERTORS; MOLYBDENUM; ELECTRON TEMPERATURE; ELECTRON DENSITY; POWER RANGE 100-1000 MW; EXPERIMENTAL DATA

Excitation of turbulent fluctuations by the drift wave in plasma flows with inhomogeneous velocity

S70

Khvesyuk, V.I.; Karbushev, D.N. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. im. N.Eh. Baumana, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vozbuzhdenie turbulentnykh fluktuatsij drejfovoj volnoj v potokakh plazmy s neodnorodnoj skorost'yu

p. 34

(RU)

9 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

DRIFT INSTABILITY; PLASMA DRIFT; TURBULENCE; H-MODE PLASMA
CONFINEMENT; PLASMA WAVES; PLASMA; PLASMA DENSITY; VELOCITY; WAVE
PROPAGATION; PLASMA FLUID EQUATIONS; THEORETICAL DATA

On research of low-frequency structural plasma turbulence by means of the Fourier spectra analysis

S70

Skvortsova, N.N.; Malakhov, D.V.; Chernov, N.A. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: nina@fpl.gpi.ru; Gorshenin, A.K. (Inst. Problem Informatiki RAN, Moscow (RU)); Korolev, V.Yu. (Inst. Problem Informatiki RAN, Moscow (RU)); BMK, Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ob issledovanii nizkochastotnoj strukturnoj plazmennoj turbulentnosti na osnove analiza Fur'e-spektrov

p. 35

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob'edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; PLASMA WAVES; HARMONICS; FOURIER ANALYSIS; SPECTRA;
FLUCTUATIONS; STOCHASTIC PROCESSES; TURBULENCE; THEORETICAL DATA

Evaluation of stable spectral characteristics of short-wave and long-wave fluctuations of plasma density in the L-2M stellarator

S70

Malakhov, D.V.; Borzosekov, V.D.; Vasil'kov, D.G. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: malakhov@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Otsenka ustojchivykh spektral'nykh kharakteristik korotkovolnovykh i dlinnovolnovykh fluktuatsij plotnosti plazmy v stellaratore L-2M

p. 36

(RU)

6 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

L-2 STELLARATOR; PLASMA DENSITY; FLUCTUATIONS; FOURIER ANALYSIS; PLASMA DIAGNOSTICS; DATA PROCESSING; ECR HEATING; STABILITY; PROBABILISTIC ESTIMATION

Features of plasma electron temperature measuring in toroidal traps according to X radiation

S70

Vafin, I.Yu.; Meshcheryakov, A.I. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Osobennosti izmereniya ehlektronnoj temperatury plazmy v toroidal'nykh lovushkakh po rentgenovskomu izlucheniyu

p. 37

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9
Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

L-2 STELLARATOR; ELECTRON TEMPERATURE; PLASMA DIAGNOSTICS; SOFT X RADIATION; ECR HEATING; PLASMA SIMULATION; FOILS; TEMPERATURE DISTRIBUTION; DIAGRAMS; THEORETICAL DATA

Impact of durable radiation damage conditions on plasma facing materials in fusion reactor

S70

Gureev, V.M.; Danelyan, L.S.; Kojdan, V.S. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)) (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Materialy, obrashchennye k plazme termoyadernogo reaktora, pri rabote v usloviyakh dlitel'nogo radiatsionnogo vozdejstviya

p. 38

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THERMONUCLEAR REACTOR MATERIALS; TOKAMAK DEVICES; FIRST WALL; DIVERTORS; CARBON; TUNGSTEN; ATOMIC DISPLACEMENTS; INTERSTITIAL HELIUM GENERATION; INTERSTITIAL HYDROGEN GENERATION; DAMAGING NEUTRON FLUENCE; EROSION; CONCENTRATION RATIO; RUTHERFORD BACKSCATTERING SPECTROSCOPY; DEUTERIUM; EXPERIMENTAL DATA

Physics of the plasma stabilization in non-uniform magnetic field and multipurpose test bench with wide range of available magnetic configurations

S70

Tsventukh, M.M. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)); Krashevskaya, G.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fizicheskie protsessy stabilizatsii plazmy v neodnorodnom magnitnom pole i

mnogofunktsional'nyj ehksperimental'nyj stand s shirokoj variatsiej magnitnoj konfiguratsii

p. 39

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MAGNETIC CONFINEMENT; MAGNETIC MIRROR CONFIGURATIONS; MAGNETIC

MIRRORS; PLASMA PRESSURE; INHOMOGENEOUS FIELDS; MAGNETIC FIELDS;

DIAGRAMS; CONVECTIVE INSTABILITIES; EXPERIMENTAL DATA

Influence of the halo effect on CXRS ion temperature measurement of the T-10 plasma

S70

Krupin, V.A.; Barsukov, A.G.; Dnestrovskij, A.Yu.; Klyuchnikov, L.A.; Korobov, K.V.; Nemets, A.R.; Tilinin, G.N. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst. (NITs KI), Moscow (RU)), e-mail: lklyuchnikov@list.ru; Tugarinov, S.N. (Proektnyj Tsentr ITEhR, Moscow (RU)); Naumenko, N.N. (Inst. Fiziki im. B.I. Stepanova NAN Belarusi, Minsk (BY))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie ehffekta galo na CXRS izmereniya ionnoj temperatury plazmy T-10

p. 40

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; ION TEMPERATURE; TEMPERATURE DISTRIBUTION; HOT PLASMA; JOULE HEATING; DEUTERIUM; PLASMA DIAGNOSTICS; SPECTROSCOPY; NEUTRAL ATOM BEAM INJECTION; COMPUTERIZED SIMULATION; MONTE CARLO METHOD; F CODES; THEORETICAL DATA; EXPERIMENTAL DATA; COMPARATIVE EVALUATIONS

Thermoelectric potential of weakly inhomogeneous collisionless cylindrical maxwellian plasma

S70

Rantsev-Kartinov, V.A. (IFT NITs Kurchatovskij Inst., Moscow (RU)), e-mail: rank@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Termoelektricheskiy potentsial slabo neodnorodnoj besstolknovitel'noj tsilindricheskoj
maksvellovskoj plazmy

p. 41

(RU)

1 ref., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA POTENTIAL; INHOMOGENEOUS PLASMA; COLLISIONLESS PLASMA; THERMOELECTRICITY; ANALYTICAL SOLUTION; DIAGRAMS; THEORETICAL DATA; PLASMA HEATING; PLASMA CONFINEMENT

Global geodesic acoustic modes in tokamak plasma with positive shear

S70

Sorokina, E.A.; Il'gisonis, V.I.; Lakhin, V.P. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: sorokina.ekaterina@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Global'nye geodezicheskie akusticheskie mody v plazme tokamaka s polozhitel'nym shirom
p. 42
(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TOKAMAK DEVICES; HOT PLASMA; ION ACOUSTIC WAVES; ELECTROSTATICS;
HARMONICS; OSCILLATION MODES; ANALYTICAL SOLUTION; THEORETICAL
DATA

Magnetized plasma behaviour at the heating power jump. (Experiment and theoretical results)

S70

Danilkin, I.S. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Povedenie zamagnichennoj plazmy pri skachkakh moshchnosti nagreva. (Ehksperiment i teoreticheskie rezul'taty)

p. 43

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; HOT PLASMA; PLASMA DIAGNOSTICS; MAGNETIC FIELDS; ECR HEATING; POWER LOSSES; ELECTRON TEMPERATURE; EXPERIMENTAL DATA; THEORETICAL DATA

Formation of plasma pressure and density profile in tokamak core at turbulence simulation for regimes with different $Q(R)$ profiles and ECR heating

S70

Pastukhov, V.P.; Smirnov, D.V. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: SmirnovD87@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Formirovanie profilej davleniya i plotnosti plazmy v tsentral'noj oblasti tokamaka pri modelirovanii turbulentnosti v rezhimakh s razlichnymi profilyami $Q(R)$ i EhTsR nagrevom

p. 44

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TOKAMAK DEVICES; PLASMA PRESSURE; PLASMA DENSITY; ECR HEATING; SPATIAL DISTRIBUTION; PLASMA SIMULATION; PLASMA FLUID EQUATIONS; MAGNETOHYDRODYNAMICS; TURBULENCE; PLASMA RADIAL PROFILES; MAGNETIC SURFACES; THEORETICAL DATA

Development and experimental investigation of quasistationary ion source STIS-1

S70

Barsukov, A.G.; Krylov, A.I.; Markelov, A.Yu.; Panasenkov, A.A.; Smirnov, V.A.; Tilinin, G.N. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: barsukov@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razrabotka i ehksperimental'noe issledovanie kvazistatsionarnogo ionnogo istochnika STIS-1

p. 45

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ION SOURCES; BEAM INJECTION HEATING; HYDROGEN IONS; ELECTRIC DISCHARGES; ION BEAMS; KEV RANGE 10-100; ELECTRODES; AMP BEAM CURRENTS; COOLING SYSTEMS; PERFORMANCE TESTING; EXPERIMENTAL DATA; BEAM-PLASMA SYSTEMS

Isodynamic axisymmetric equilibrium near magnetic axis

S70

Arsenin, V.V. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: arsenin@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izodinamicheskoe osesimmetrichnoe ravnovesie okolo magnitnoj osi

p. 46

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TOROIDAL CONFIGURATION; MAGNETIC SURFACES; EQUILIBRIUM; GRAD-SHAFRANOV EQUATION; THEORETICAL DATA

Effect of microinstability on longitudinal losses of fast ions in the GDL device

S70

Korobejnikova, O.A. (Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU)), e-mail: olga.korobejnikova@yandex.ru; Murakhtin, S.V. (Inst. Yadernoj Fiziki, Novosibirsk (RU)), e-

mail: S.V.Murakhtin@inp.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie mikroneustojchivosti na prodol'nye poteri bystrykh ionov v ustanovke GDL

p. 47

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MAGNETIC MIRRORS; PLASMA MICROINSTABILITIES; PARTICLE LOSSES; BEAM INJECTION HEATING; DEUTERIUM; PLASMA DIAGNOSTICS; ELECTROSTATIC ANALYZERS; ION DENSITY; EXPERIMENTAL DATA

Measurement of plasma jet parameters at materials irradiation

S70

Voronin, A.V.; Gusev, V.K. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)); Gerasimenko, Ya.A. (Sankt-Peterburgskij Gosudarstvennyj Politehnicheskij Univ., Sankt-Peterburg (RU)); Sud'enkov, Yu.V. (Sankt-Peterburgskij Gosudarstvennyj Univ., Sankt-Peterburg (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmerenie parametrov plazmennoj strui v protsesse oblucheniya materialov

p. 48

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA GUNS; PLASMA JETS; PLASMA ACCELERATION; PLASMA DENSITY; HYDROGEN; EV RANGE 100-1000; THERMONUCLEAR REACTOR MATERIALS; FIRST WALL; ITER TOKAMAK; PLASMA PRESSURE; BENCH-SCALE EXPERIMENTS; MATERIALS TESTING; EXPERIMENTAL DATA

Magnetic activity of plasma during the injection of the long-pulse electron beam
S70

Sudnikov, A.V. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU)), e-mail: A.V.Sudnikov@inp.nsk.su; Burdakov, A.V.; Polosatkin, S.V. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Tekhnicheskij Univ., Novosibirsk (RU)); Gavrilenko, D.E.; Kandaurov, I.V.; Kurkuchekov, V.V.; Postupaev, V.V.; Rovenskikh, A.F.; Trunev, Yu.A. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Magnitnaya aktivnost' plazmy pri inzhektionsii dlinnoimpul'snogo ehlektronnogo puchka

p. 49

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GOL-3 DEVICE; HOT PLASMA; BEAM-PLASMA SYSTEMS; CYCLOTRON INSTABILITY; ELECTRON BEAM INJECTION; TURBULENCE; OSCILLATION MODES; HARMONICS; PLASMA WAVES; MAGNETIC FIELDS; MAGNETOACOUSTIC WAVES; EXPERIMENTAL DATA

Adiabatically reduced MHD equations for cylindrical plasma with anisotropic pressure

S70

Nebogatov, V.A.; Pastukhov, V.P. (NITs Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Adiabatcheski-redutsirovannye MGD uravneniya dlya tsilindricheskoj plazmy s anizotropnym
davleniem

p. 50

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA SIMULATION; MAGNETOHYDRODYNAMICS; PLASMA PRESSURE; FLUTE
INSTABILITY; CONVECTIVE INSTABILITIES; ADIABATIC APPROXIMATION; HEAT
TRANSFER; PLASMA FLUID EQUATIONS; ANALYTICAL SOLUTION; THEORETICAL
DATA

The effect of abnormal radiation of the CXRS transition of $N=8-7$ of C^{+5} carbon ion in plasma of tokamak T-10

S70

*Krupin, V.A.; Dnestrovskij, A.Yu.; Klyuchnikov, L.A.; Korobov, K.V.; Nemets, A.R. (NITs
Kurchatovskij Inst., Moscow (RU)), e-mail: vkrupin@nfi.kiae.ru; Tugarinov, S.N. (Proektnyj
Tsentr ITEhR, Moscow (RU))*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehffekt anomal'nogo izlucheniya CXRS perekhoda $N=8-7$ iona C^{+5} v plazme T-10

p. 51

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; PLASMA DIAGNOSTICS; CARBON IONS; PLASMA IMPURITIES; SPECTROSCOPY; JOULE HEATING; PLASMA DENSITY; CONCENTRATION RATIO; SPATIAL DISTRIBUTION; PLASMA FILAMENT; NEUTRAL ATOM BEAM INJECTION; ENERGY-LEVEL TRANSITIONS; KEV RANGE 10-100; HYDROGEN; EXPERIMENTAL DATA

Simulation of energy balance in upgraded tokamak T-15

S70

Dnestrovskij, Yu.N.; Lysenko, S.E.; Cherkasov, S.V.; Danilov, A.V.; Dnestrovskij, A.Yu.; Sushkov, A.V. (NITs Kurchatovskij Inst., Inst. Fiziki Tokamakov, Moscow (RU)), e-mail: lysenko@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Modelirovanie ehnergeticheskogo balansa v modernizirovannoj ustanovke T-15

p. 52

(RU)

2 refs., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-15 TOKAMAK; BEAM INJECTION HEATING; ECR HEATING; PLASMA RADIAL PROFILES; PLASMA FILAMENT; ELECTRON TEMPERATURE; ION TEMPERATURE; PLASMA DENSITY; BOUNDARY-VALUE PROBLEMS; N CODES; COMPUTERIZED SIMULATION; THEORETICAL DATA

Behavior of electric potential at ohmic and ECR heating in tokamak T-10

S70

Mel'nikov, A.V.; Grashin, S.A.; Dyabilin, K.S. (NITs Kurchatovskij Inst., Inst. Fiziki Tokamakov, Moscow (RU)) (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Povedenie ehlektricheskogo potentsiala pri omicheskom i EhTsR nagreve na tokamake T-10

p. 53

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; ECR HEATING; JOULE HEATING; PLASMA POTENTIAL; ELECTRIC FIELDS; PLASMA DIAGNOSTICS; PLASMA DENSITY; ELECTRON TEMPERATURE; HOT PLASMA; PLASMA RADIAL PROFILES; TURBULENCE; V CODES; COMPUTERIZED SIMULATION; THEORETICAL DATA

The features of the current quench on the tokamak T-10 depending on the q value on the plasma boundary

S70

Pavlov, Yu.D.; Kuleshin, Eh.O.; Mal'tsev, S.G. (NITs Kurchatovskij Inst., Inst. Fiziki Tokamakov, Moscow (RU)), e-mail: pavlov@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Osobennosti sryvov toka v tokamake T-10 v zavisimosti ot velichiny q na granitse plazmy
p. 54

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; PLASMA DISRUPTION; ELECTRIC CURRENTS; MAGNETOHYDRODYNAMICS; EXPERIMENTAL DATA

Pulse plasma gun for magnetic electrostatic trap WB-8

S70

Dejchuli, P.P.; Belov, V.P.; Donin, A.S.; Abdrashitov, A.G.; Stupishin, N.V. (Inst. Yadernoj Fiziki SO RAN, Novosibirsk (RU)), e-mail: pdeichuli@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Impul'snaya plazmennaya pushka dlya magnitno-ehlektrostaticheskoy lovushki WB-8

p. 55

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA GUNS; PLASMA JETS; HYDROGEN; MAGNETIC MIRRORS; PLASMA BEAM INJECTION; EXPERIMENTAL DATA

Powerful neutral beam injector with plasma source based on distributed arc discharge

S70

Dejchuli, P.P.; Belov, V.P.; Ivanov, A.A.; Kolmogorov, V.V.; Mishagin, V.V.; Sorokin, A.V.; Stupishin, N.V. (Inst. Yadernoj Fiziki SO RAN, Novosibirsk (RU)), e-mail: pdeichuli@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Moshchnyj atomarnyj inzhektor s istochnikom plazmy na baze raspredelennogo dugovogo razryada

p. 56

(RU)

1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA HEATING; NEUTRAL ATOM BEAM INJECTION; ELECTRIC DISCHARGES;
HYDROGEN; KEV RANGE 10-100; PERFORMANCE; EXPERIMENTAL DATA; BEAM-
PLASMA SYSTEMS; PLASMA PRODUCTION

Relationship between diamagnetic current value and plasma parameters in multipole magnetic trap

S70

Bishaev, A.M.; Gordeev, I.S.; Kozintseva, M.V.; Kopchenkov, B.P.; Safronov, A.A.; Smirnov, P.G. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. Radiotekhniki, Ehlektroniki i Avtomatiki, Moscow (RU)), e-mail: bishaev@mirea.ru; Gavrikov, M.B.; Savel'ev, V.V. (Inst. Prikladnoj Matematiki im. M.V. Keldysha RAN, Moscow (RU)), e-mail: ssvvvv@rambler.ru; Khramtsov, P.P. (Inst. Teplo- i Massoobmena imeni A.V. Lykova NAN Belarusi, Minsk (BY)), e-mail: iceret@list.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Svyaz' mezhdru velichinoy diamagnitnogo toka i parametrami plazmy v mul'tipol'noj magnitnoj lovushke

p. 57

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob'edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MULTIPOLAR CONFIGURATIONS; PLASMA DIAMAGNETISM; PLASMA PRESSURE;
PLASMA DIAGNOSTICS; ROGOWSKI COIL; ELECTRIC CURRENTS; GRAD-
SHAFRANOV EQUATION; MAGNETIC SURFACES

Investigation of equilibrium states of levitating superconducting coils of multipole magnetic traps

S70

Bishaev, A.M.; Bush, A.A.; Bekhtin, M.A.; Denisyuk, A.I.; Kamentsev, K.E.; Kozintseva, M.V.; Shaposhnikov, M.I. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. Radiotekhniki, Elektroniki i Avtomatiki, Moscow (RU)), e-mail: kozintseva@mirea.ru; Gavrikov, M.B.; Savel'ev, V.V. (Inst. Prikladnoj Matematiki im. M.V. Keldysha RAN, Moscow (RU)), e-mail: ssvvvv@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie ravnovesnykh sostoyanij levitiruyushchikh sverkhprovodyashchikh katushek mul'tipol'nykh magnitnykh lovushek

p. 58

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MULTIPOLAR CONFIGURATIONS; SUPERCONDUCTING COILS; LEVITATION; MAGNETIC FLUX; POTENTIAL ENERGY; ANALYTICAL SOLUTION; THEORETICAL DATA; MAGNETIC FIELDS; MAGNETIC CONFINEMENT

Modernization of the diagnostic bench for the magnetic confinement device Magnetor and evaluation of fast electron parameters in ECR plasma**S70**

Krashevskaya, G.V.; Lepikhov, S.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Tsvetukh, M.M. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modernizatsiya diagnosticheskogo stenda lovushki Magnetor i opredelenie parametrov bystrykh ehlektronov v EhTsR plazme

p. 59

(RU)

3 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

CLOSED CONFIGURATIONS; CLOSED PLASMA DEVICES; ECR HEATING; PLASMA DIAGNOSTICS; PLASMA EATERS; PLASMA PRESSURE; DIAGRAMS; EXPERIMENTAL DATA; BENCH-SCALE EXPERIMENTS

GAM observation in the tokamak TUMAN-3M by means of Doppler reflectometry

S70

Askinazi, L.G.; Vil'dzhyunas, M.I.; Kornev, V.A.; Lebedev, S.V.; Tukachinskij, A.S. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)); Bulanin, V.V.; Petrov, A.V.; Yashin, A.Yu. (Sankt-Peterburgskij Gosudarstvennyj Politeknicheskij Univ., Sankt-Peterburg (RU)), e-mail: A.Yashin@spbstu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nablyudenie GAM na tokamake TUMAN-3M metodom dopplerovskoj reflektometrii

p. 60

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TUMAN DEVICES; PLASMA WAVES; SOUND WAVES; DOPPLER EFFECT; OSCILLATION MODES; ELECTRIC FIELDS; MAGNETIC FIELDS; CROSSED FIELDS; ELECTRON TEMPERATURE; SPECTRAL SHIFT; PLASMA DENSITY; EXPERIMENTAL DATA

Measurement of electron temperature on the 2-d ECR harmonics during

calibration of superheterodyne receiver with respect to nonthermal radiation by ohmic heating

S70

Khol'nov, Yu.V.; Vasil'kov, D.G. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: hol@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmereniya ehlektronnoj temperatury po 2-j garmonike EhTsR pri kalibrovke supergeterodinnogo priemnika po neteplovomu izluchenyu pri omicheskom nagreve

p. 61

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

JOULE HEATING; ELECTRON TEMPERATURE; BREAKDOWN; HETERODYNE RECEIVERS; CALIBRATION; ELECTRON CYCLOTRON-RESONANCE; MAGNETIC FIELDS; EXPERIMENTAL DATA

Effect penetration of ohmic heating current into plasma produced by electron-cyclotron heating

S70

Khol'nov, Yu.V. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: hol@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehffekt proniknoveniya toka omicheskogo nagreva v plazmu, sozdannuyu pri ehlektronno-tsiklotronnom nagreve

p. 62

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ECR HEATING; JOULE HEATING; ELECTRON TEMPERATURE; ELECTRON DENSITY;
MAGNETIC FIELDS; ELECTRIC CURRENTS; ROTATIONAL TRANSFORM;
OSCILLATION MODES; PLASMA DIAGNOSTICS; PLASMA EATERS; EXPERIMENTAL
DATA

Analysis of energy spectra of hydrogen (deuterium) atomic beam generating by tokamak GLOBUS-M injector

S70

Gusev, V.K.; Minaev, V.B.; Miroshnikov, I.V.; Shchegolev, P.B. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail: peter_shchegolev@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Analiz ehnergeticheskogo sostava puchka atomov vodoroda (dejteriya), generiruemogo inzhektorom tokamaka GLOBUS-M

p. 63

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GLOBUS-M SPHEROMAK; PLASMA DIAGNOSTICS; HYDROGEN; DEUTERIUM;
BEAM INJECTION HEATING; NEUTRAL ATOM BEAM INJECTION; ENERGY
SPECTRA; DOPPLER EFFECT; EXPERIMENTAL DATA

Effect of fast particle losses in the spectral line broadening

S70

Dnestrovskij, A.Yu. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: dnestrov0@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehffekt ukhoda bystrykh chastits v ushirenii spektral'noj linii

p. 64

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; ION TEMPERATURE; PLASMA DIAGNOSTICS; LINE BROADENING; PARTICLE LOSSES; DISTRIBUTION FUNCTIONS; GLOW CURVE; MONTE CARLO METHOD; F CODES; CHARGE EXCHANGE; NEUTRAL PARTICLE ANALYZERS

Simulation of plasma diffusion at gas puffing in tokamak T-10

S70

Borisov, M.A.; Vershkov, V.A.; Danilov, A.V.; Dnestrovskij, Yu.N.; Dnestrovskij, A.Yu.; Lysenko, S.E.; Cherkasov, S.V. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: danilov@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie diffuzii plazmy pri periodicheskom gazonapuske na tokamake T-10

p. 65

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; PLASMA DRIFT; DIFFUSION; JOULE HEATING; BEAM INJECTION HEATING; DEUTERIUM; COMPUTERIZED SIMULATION; A CODES; PLASMA DENSITY; ELECTRON TEMPERATURE; MODULATION; PLASMA RADIAL PROFILES; BOUNDARY LAYERS; THEORETICAL DATA

Plasma flow instability in multiple mirror trap

S70

Skovorodin, D.I.; Beklemishev, A.D. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Neustojchivost' potoka plazmy v mnogoprobochnoj lovushke

p. 66

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokih Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GOL-3 DEVICE; PLASMA INSTABILITY; PLASMA WAVES; PARTICLE LOSSES; DISTRIBUTION FUNCTIONS; OSCILLATION MODES; ANALYTICAL SOLUTION; THEORETICAL DATA

Alfven ion-cyclotron instability in mirror trap with flowing weakly collisional plasma

S70

Tsidulko, Yu.A.; Chernoshtanov, I.S. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: cherivn@ngs.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Al'fvenovskaya ionno-tsiklotronnaya neustojchivost' v lovushke s protochnoj slabostolknovitel'noj plazmoj

p. 67

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GOL-3 DEVICE; ALFVEN WAVES; PLASMA WAVES; CYCLOTRON INSTABILITY; PLASMA EXPANSION; PARTICLE LOSSES; WKB APPROXIMATION; ANALYTICAL SOLUTION; THEORETICAL DATA; HOT PLASMA; COLLISIONAL PLASMA

Study of the particle escape from the heating zone in regimes with central ECR heating in the T-10 tokamak

S70

Andreev, V.F.; Gorbunov, E.P.; Kas'yanova, N.V.; Myalton, T.B.; Sergeev, D.S.; Timchenko, N.N.; Chistyakov, V.V. (IFT KTsYaT NITs Kurchatovskij Inst., Moscow (RU)), e-mail: kasianova_n@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie vynosa chastits iz zony nagreva v rezhimakh s tsentral'nym vlozheniem EhTsR moshchnosti na tokamake T-10

p. 68

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; ECR HEATING; PARTICLE LOSSES; PLASMA DENSITY; PINCH EFFECT; EXPERIMENTAL DATA

First results of discharge disruption modelling in the T-10 tokamak

S70

Dremin, M.M.; Kislov, A.Ya.; Notkin, G.E.; Khajrutdinov, R.R. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: dremin@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Pervye rezul'taty modelirovaniya sryvov razryada na tokamake T-10

p. 69

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-10 TOKAMAK; PLASMA DISRUPTION; PLASMA SIMULATION; D CODES; PLASMA FLUID EQUATIONS; MAGNETOHYDRODYNAMICS; ELECTRIC CURRENTS; ELECTRON BEAMS; PLASMA DENSITY; MAGNETIC FLUX; THEORETICAL DATA

Study of plasma ion component in experiments with plasma filament shift in the tokamak GLOBUS-M

S70

Bakharev, N.N.; Gusev, V.K.; Mel'nik, A.D.; Minaev, V.B.; Petrov, Yu.V.; Chernyshev, F.V. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail:

bakharev@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie ionnogo komponenta plazmy v ehksperimentakh so smeshcheniem plazmennogo shnura na tokamake GLOBUS-M

p. 70

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)
Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion
Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9
Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.
GLOBUS-M SPHEROMAK; PLASMA FILAMENT; PLASMA DIAGNOSTICS;
DEUTERIUM; BEAM INJECTION HEATING; HYDROGEN; ION TEMPERATURE;
ENERGY LOSSES; EXPERIMENTAL DATA

Application of SPD XUV photodiodes for plasma diagnostics of the tokamak GLOBUS-M

S70

Berezutskij, A.A.; Gusev, V.K.; Zabrodskij, V.V.; Iblyaminova, A.D.; Kurskiev, G.S.; Patrov, M.I.; Petrov, Yu.V.; Sakharov, N.V.; Tolstyakov, S.Yu. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe, Sankt-Peterburg (RU)), e-mail: a.iblyaminova@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Primenenie kremnievykh fotodiodov SPD XUV diapazona dlya diagnostiki plazmy tokamaka GLOBUS-M

p. 71

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GLOBUS-M SPHEROMAK; PLASMA DIAGNOSTICS; PHOTODIODES; JOULE HEATING; ENERGY LOSSES; SAWTOOTH OSCILLATIONS; PLASMA EATERS; FLOW VISUALIZATION; SPATIAL DISTRIBUTION; PLASMA RADIAL PROFILES; PLASMA DENSITY; EXPERIMENTAL DATA

ECR heating system for the GDL facility

S70

Yakovlev, D.V.; Tumm, M. (Novosibirskij Gosuniversitet, Novosibirsk (RU)), e-mail: nsm@nsm.nsu.ru; Bagryanskij, P.A.; Kalinin, P.V.; Kovalenko, Yu.V.; Kuznetsov, S.A.; Savkin, V.Ya.; Solomakhin, A.L. (IYaF im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: p.a.bagraynsky@inp.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sistema EhTsR nagreva na ustanovke GDL

p. 72

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokih Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MAGNETIC MIRRORS; ECR HEATING; MICROWAVE AMPLIFIERS; ELECTRON TEMPERATURE; ENERGY BALANCE; WAVEGUIDES; CALORIMETERS; OPTIMIZATION; PERFORMANCE; EXPERIMENTAL DATA

Some problems of using the adaptive phase-contrast method with nonlinear filters

S70

Bubis, E.L.; Kozhevator, I.E.; Stepanov, A.N. (Inst. Prikladnoj Fiziki RAN, Nizhnij Novgorod (RU)), e-mail: bel@appl.sci-nnov.ru; Gusev, S.A. (Inst. Fiziki Mikrostruktur RAN, Nizhnij Novgorod (RU)), e-mail: gusev@ipm.sci-nnov.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nekotorye voprosy primeneniya adaptivnogo fazokonstrastnogo metoda s nelinejnymi fil'trami

p. 73

(RU)

10 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokih Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9
Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

PLASMA DIAGNOSTICS; NONLINEAR OPTICS; LASER-PRODUCED PLASMA; FLOW
VISUALIZATION; ELECTRON DENSITY; EXPERIMENTAL DATA

Modelling system of plasma and neutron processes in a subcritical hybrid system with neutron source based on open trap

S70;S21

Yurov, D.V.; Bagryanskij, P.A.; Prikhod'ko, V.V.; Tsidulko, Yu.A. (IYaF im. G.I. Budkera SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU)), e-mail: dm.yurov@gmail.com; Brednikhin, S.A.; Lezhnin, S.I.; Frolov, S.A. (IBRAEh RAN (Novosibirskij Filial), Novosibirsk (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sistema modelirovaniya plazmennyykh i nejtronnykh protsessov v podkritichnoj gibridnoj sisteme s istochnikom nejtronov na osnove otkrytoj lovushki

p. 74

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NEUTRON SOURCE FACILITIES; PLASMA SIMULATION; MAGNETIC MIRROR CONFIGURATIONS; D CODES; N CODES; ENERGY LOSSES; THEORETICAL DATA; PLASMA FLUID EQUATIONS; MAGNETIC CONFINEMENT; PLASMA DENSITY

A compact program for calculation of toroidal field ripple in tokamak. Calculated data for NSTX, T-6, T-11 T-15 and JET

S70

Merezhkin, V.G. (Inst. Fiziki Tokamakov, NITs Kurchatovskij Inst., Moscow (RU)), e-mail: vitm@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Kompaktnaya programma dlya rascheta gofrirovki toroidal'nogo polya v tokamake. Raschetnye dannye dlya NSTX, T-6, T-11, T-15 i JET

p. 75

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

T-15 TOKAMAK; JET TOKAMAK; MAGNETIC FIELD RIPPLES; PARTICLE LOSSES;
TOROIDAL CONFIGURATION; ECR HEATING; ICR HEATING; BESSEL FUNCTIONS;
HOT PLASMA; THEORETICAL DATA; ANALYTICAL SOLUTION

Calculation of power ion and atomic beam profiles in beam tract for the arbitrary geometry of accelerating apertures in ion-optical system

S43;S70

Tkachev, A.A. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: A.A.Tkachev@inp.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Raschet profilej moshchnykh ionnykh i atomarnykh puchkov v puchkovom trakte pri proizvol'noj geometrii uskoryayushchikh apertur v ionno-opticheskoj sisteme

p. 76

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM INJECTION HEATING; NEUTRAL ATOM BEAM INJECTION; BEAM OPTICS;
BEAM PROFILES; ION BEAMS; CURRENT DENSITY; APERTURES; THERMIONIC
EMITTERS; ANALYTICAL SOLUTION; M CODES; THEORETICAL DATA

Application of systems analysis methods of plasma-physical characteristics of neutron source based on spherical tokamak

S70

Golikov, A.A.; Kuteev, B.V.; Ponarin, K.V. (Inst. Fiziki Tokamakov, NITs Kurchatovskij Inst., Moscow (RU)), e-mail: golikov-andrej@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Primenenie metodov sistemnogo analiza plazmofizicheskikh kharakteristik nejtronnogo
istochnika na osnove sfericheskogo tokamaka

p. 77

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NEUTRON SOURCE FACILITIES; GLOBUS-M SPHEROMAK; NSTX DEVICE; SYSTEMS
ANALYSIS; OPTIMIZATION; PLASMA HEATING; ELECTRIC CURRENTS; ELECTRIC
DISCHARGES; MATHEMATICAL MODELS; THEORETICAL DATA; COMPUTERIZED
SIMULATION

Study of H-L transition in the T-11M tokamak

S70

Panov, A.I.; Alekseev, A.G.; Lazarev, V.B.; Mirnov, S.V.; Kostina, A.N. (FGUP GNTs TRINITI, Troitsk (RU)), e-mail: andy.phy@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Issledovanie H-L perekhoda na tokamake T-11M

p. 78

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TOKAMAK DEVICES; H-MODE PLASMA CONFINEMENT; L-MODE PLASMA CONFINEMENT; PLASMA FILAMENT; PLASMA DIAGNOSTICS; SOFT X RADIATION; PLASMA DENSITY; LITHIUM; ELECTRIC CURRENTS; TIME DEPENDENCE; ULTRAVIOLET RADIATION; DIAGRAMS; EXPERIMENTAL DATA

Heat balance of plasma in thermonuclear reactor with proton-boron-11 reaction S70

Chirkov, A.Yu.; Tannenbergh, I.D. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. im. N.Eh. Baumana, Moscow (RU)), e-mail: alexxeich@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Teplovoj balans plazmy v termoyadernom reaktore s reaktsiej proton - bor-11

p. 79

(RU)

9 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THERMONUCLEAR REACTIONS; THERMONUCLEAR REACTORS; PROTON REACTIONS; BORON 11 TARGET; EFFICIENCY; ORIENTED NUCLEI; HIGH-BETA PLASMA; BETA RATIO; Q-VALUE; NUCLEAR REACTION KINETICS; THEORETICAL DATA; ENERGY BALANCE; MAGNETIC CONFINEMENT; PLASMA HEATING

Features of electromagnetic wave refraction near electron cyclotron resonance in open magnetic trap

S70

Gospodchikov, E.D.; Smolyakova, O.B. (Inst. Prikladnoj Fiziki RAN, Nizhnij Novgorod (RU)), e-mail: egos@appl.sci-nnov.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Osobennosti refraktsii ehlektromagnitnykh voln v okrestnosti ehlektronnogo tsiklotronnogo rezonansa v pryamoj magnetnoj lovushke

p. 80

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

OPEN CONFIGURATIONS; ELECTRON CYCLOTRON-RESONANCE; ECR HEATING; TRAJECTORIES; REFRACTION; MAGNETIC FIELDS; PLASMA DENSITY; ANALYTICAL SOLUTION; THEORETICAL DATA

Interpretation of profile self-consistency in tokamak. Thermodynamic approach

S70

Dyabalin, K.S.; Razumova, K.A. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: dykonstantin@yandex.ru; Shchepetov, S.V. (Inst. Obshchej Fiziki RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Interpretatsiya samosoglasovannosti profilej v tokamake. Termodinamicheskij podkhod

p. 81

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TOKAMAK DEVICES; PLASMA PRESSURE; ELECTRIC CURRENTS; PLASMA RADIAL PROFILES; SPATIAL DISTRIBUTION; ENTROPY; DISTRIBUTION FUNCTIONS; FUNCTIONALS; NON-EQUILIBRIUM PLASMA; THEORETICAL DATA

Radial current in tokamak by neutral beam injection

S70

Askinazi, L.G.; Vil'dzhyunas, M.I.; Kornev, V.A.; Lebedev, S.G.; Tukachinskij, A.S. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail: max@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Radial'nyj tok v tokamake pri nejtral'noj inzhektionsii

p. 82

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

TUMAN DEVICES; BEAM INJECTION HEATING; NEUTRAL ATOM BEAM INJECTION; ELECTRIC CURRENTS; DEUTERIUM; IONIZATION; H-MODE PLASMA CONFINEMENT; ROTATING PLASMA; THEORETICAL DATA

Average characteristics of short-wave plasma turbulence in the stellarator L-2M by ECR heating on the second harmonics of electron gyrofrequency

S70

Batanov, G.M.; Borzosekov, V.D.; Kolik, L.V.; Malakhov, D.V.; Petrov, A.E.; Pshenichnikov, A.A.; Sarksyian, K.A.; Skvortsova, N.N.; Kharchev, N.K. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: tinborz@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Srednestatisticheskie kharakteristiki korotkovolnoy turbulentnosti plazmy na stellaratore L-2M
pri EhTsR nagreve na vtoroj garmonike girochastoty ehlektronov

p. 83

(RU)

6 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

L-2 STELLARATOR; ECR HEATING; TURBULENCE; PLASMA DIAGNOSTICS;
MAGNETIC CONFINEMENT; PLASMA DENSITY; FLUCTUATIONS

Development of semi-analytic approach to calculations of current generation and plasma heating by neutral beam injection

S70

Goncharov, P.R.; Sergeev, V.Yu. (Sankt-Peterburgskij Gosudartsvennyj Politeknicheskij Univ., Sankt-Peterburg (RU)), e-mail: goncharov@phf.stu.neva.ru; Kuteev, B.V. (NITs Kurchatovskij Univ., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razvitie poluanaliticheskogo podkhoda k raschetam generatsii toka i nagreva plazmy pri
inzhektsii nejtral'nykh puchkov

p. 84

(RU)

18 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM INJECTION HEATING; NEUTRAL ATOM BEAM INJECTION; ELECTRIC CURRENTS; COMPUTERIZED SIMULATION; BOLTZMANN EQUATION; ANALYTICAL SOLUTION; THEORETICAL DATA

Laser-triggered charged particle acceleration from micro-structured thin targets **S70**

Brantov, A.V.; Bychenkov, V.Yu. (Federal'noe Gosudarstvennoe Byudzhethnoe Uchrezhdenie Nauki Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Lazernoe uskorenie zaryazhennykh chastits iz tonkikh mishenej s mikrostrukturirovannoj poverkhnost'yu

p. 87

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER TARGETS; LASER RADIATION; FOILS; PLASMA ACCELERATION; IONS; NANOSTRUCTURES; M CODES; THREE-DIMENSIONAL CALCULATIONS; THEORETICAL DATA

Electron acceleration in regime of stochastic heating by picosecond laser pulse propagating through low-dense plasma **S70**

Bochkarev, S.G.; Bychenkov, V.Yu.; Brantov, A.V. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: bochkar@lebedev.ru; Bajdin, G.V.; Torshin, D.V.; Lykov, V.A. (RFYaTs-VNIITF im. ak. Zababakhina, Snezhinsk (RU)), e-mail: d.v.torshin@vniitf.ru; Kovalev, V.F. (Inst. Prikladnoj Matematiki im. M.V. Keldysha RAN, Moscow (RU)), e-mail: vfkvfkv@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Uskorenie ehlektronov v rezhime stokhasticheskogo nagreva pri rasprostranении pikosekundnogo

lazernogo impul'sa v nizkoplotnoj plazme

p. 88

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-RADIATION HEATING; LASER RADIATION; ELECTRONS; PLASMA ACCELERATION; PLASMA WAVES; COMPUTERIZED SIMULATION; GEV RANGE 01-10; THEORETICAL DATA

Laboratory astrophysics based on studies relativistic laser plasma

S79

Belyaev, V.S.; Matafonov, A.P. (Federal'noe Gosudarstvennoe Unitarnoe Predpriyatie Tsentral'nyj Nauchno-Issledovatel'skij Inst. Mashinostroeniya, Korolev (RU)), e-mail: vadimbelyaev@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Laboratornaya astrofizika na baze issledovaniya relyativistskoj lazernoj plazmy

p. 89

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ASTROPHYSICS; LASER-PRODUCED PLASMA; COMPUTERIZED SIMULATION; RELATIVISTIC RANGE; PLASMA INSTABILITY; STAR EVOLUTION; THEORETICAL DATA

Simulation of supernova expansion

S79

Belyaev, V.S. (Tsentr'al'nyj Nauchno-Issledovatel'skij Inst. Mashinostroeniya, Korolev (RU)), e-mail: vadimbelyaev@mail.ru; Zmitrenko, N.V. (Inst. Matematicheskogo Modelirovaniya RAN, Moscow (RU)), e-mail: zmitrenko@imamod.ru; Rozanov, V.B.; Stepanov, R.V.; Yakhin, R.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: rafmephi@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie protsessov razleta sverkhnovykh zvezd

p. 90

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SUPERNOVAE; D CODES; COMPUTERIZED SIMULATION; LASER TARGETS; STAR EVOLUTION; STAR MODELS; THEORETICAL DATA

Low-density converters of laser radiation into the X radiation

S70

Akimova, I.V.; Akunets, A.A.; Borisenko, N.G.; Gromov, A.I.; Merkul'ev, Yu.A.; Orekhov, A.S. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Maloplotnye konvertery lazernogo izlucheniya v rentgenovskoe

p. 91

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER TARGETS; INERTIAL CONFINEMENT; LASER RADIATION; X RADIATION;
ENERGY CONVERSION; NANOSTRUCTURES; BISMUTH; DENSITY; EFFICIENCY

Aerogels and other low-density materials in laser-matter interaction experiments

S70

Orekhov, A.S.; Borisenko, N.G. (FGBUN Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Primenenie aehrogelej i drugikh maloplotnykh veshchestv v lazernykh ehksperimentakh

p. 92

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER TARGETS; LASER RADIATION; GELS; DENSITY; SHOCK WAVES;
POLYMERS; ENERGY CONSERVATION; X RADIATION; EFFICIENCY;
NANOSTRUCTURES; EXPERIMENTAL DATA

About increase of power density in pinch plasma at three-dimensional compression of quasi-spherical wire liners

S70

Aleksandrov, V.V.; Grabovskij, E.V.; Gritsuk, A.N. (GNTs RF Troitskij Inst. Innovatsionnykh i Termoyadernykh Issledovaniy, Troitsk (RU)) (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ob uvelichenii plotnosti ehnergii v plazme pincha pri trekhmernom szhatii kvazisfericheskikh provolochnykh lajnerov

p. 93

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PINCH EFFECT; ENERGY DENSITY; X RADIATION; LINERS; TUNGSTEN;
IMPLOSIONS; SPATIAL DISTRIBUTION; THREE-DIMENSIONAL CALCULATIONS;
SPECTRAL DENSITY; EXPERIMENTAL DATA; THEORETICAL DATA

Absorption X-ray spectroscopy of exploding wire and wire array plasmas **S70**

Kahill, A.D.; Knapp, P.F.; Khammer, D.A.; Khojt, K.L. (Kornel'skij Univ., Itaka (US)); Pikuz, S.A.; Shelkovenko, T.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: pikuz@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Absorbtsionnaya rentgenovskaya spektroskopiya plazmy vzryvayushchikhsya provolochek i provolochnykh sborok

p. 94

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA DIAGNOSTICS; ABSORPTION SPECTROSCOPY; X-RAY SPECTROSCOPY;
IMPLOSIONS; PINCH EFFECT; PLASMA DENSITY; EXPLODING WIRES;
EXPERIMENTAL DATA

Hybrid X pinch

S70

Kahhill, A.D.; Khammer, D.A.; Khojt, K.L. (Kornel'skij Univ., Itaka (US)); Mingaleev, A.R.; Mishin, S.N.; Pikuz, S.A.; Romanova, V.M.; Ter-Oganes'yan, A.E.; Tilikin, I.N.; Shelkovenko, T.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: tchel55@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Gibridnyj X-pinch

p. 95

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PINCH EFFECT; SOFT X RADIATION; YIELDS; IMPLOSIONS; EXPLODING WIRES; PLASMA DIAGNOSTICS; EXPERIMENTAL DATA

Measurement of deuterated Z-pinch plasma electron temperature in the vicinity of the hot spots by EUV spectroscopy methods

S70

Aleksandrov, V.V.; Grabovskij, E.V.; Gritsuk, A.N. (GNTs RF Troitskij Inst. Innovatsionnykh i Termoyadernykh Issledovanij, Moscow, Troitsk (RU)), e-mail: angara@triniti.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmerenie ehlektronnoj temperatury plazmy v okrestnosti goryachej tochki dejterirovannogo Z-pincha metodami VUF spektroskopii

p. 96

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LONGITUDINAL PINCH; ELECTRON TEMPERATURE; IMPLOSIONS; ANGARA-5
DEVICE; POLYETHYLENES; SPECTRA; EXPERIMENTAL DATA; HOT PLASMA

Oscillating plasma of vacuum discharge: from strongly nonidealness to thermonuclear temperatures

S70

Kurilenkov, Yu.K.; Tarakanov, V.P. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: yukurilenkov@rambler.ru; Gus'kov, S.Yu. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ostsilliruyushchaya plazma vakuumnogo razryada: ot sil'noj neideal'nosti k termoyadernym temperaturam

p. 97

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

INERTIAL CONFINEMENT; ELECTRIC DISCHARGES; PLASMA WAVES; FUSION
YIELD; NEUTRONS; DEUTERON REACTIONS; DEUTERIUM TARGET; ELECTRON
BEAM INJECTION; COMPUTERIZED SIMULATION; THEORETICAL DATA

Features of modulation instability in strongly nonmaxwellian plasma

S70

Timofeev, I.V. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU)), e-mail: I.V.Timofeev@inp.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Osobennosti razvitiya modulyatsionnoj neustojchivosti v sushchestvenno nemaksvellovskoj
plazme

p. 98

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM-PLASMA SYSTEMS; TURBULENCE; PLASMA INSTABILITY; DISPERSION
RELATIONS; ELECTRON BEAMS; TAIL ELECTRONS; PLASMA WAVES;
OSCILLATION MODES; ANALYTICAL SOLUTION; THEORETICAL DATA

Development of structural elements for manipulation and positioning of nonsuspended cryogenic targets in ITS experiments

S70

*Aleksandrova, I.V.; Gromov, A.I.; Ivanenko, O.M.; Koresheva, E.R.; Koshelev, E.L.;
Kupriyashin, A.I.; Mitsen, K.V.; Osipov, I.E.; Timasheva, T.P (Fizicheskij Inst. im. P.N.
Lebedeva RAN, Moscow (RU)), e-mail: koresh@sci.lebedev.ru; Panina, L.V. (Inst. Problem
Proektirovaniya v Mikroehlektronike RAN, Zelenograd (RU))*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Razrabotka ehlementnoj bazy dlya transporta i pozitsionirovaniya bespodvesnykh kriogennykh
mishenej v issledovaniyakh po ITS

p. 99

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

INERTIAL CONFINEMENT; ICF DEVICES; TARGETS; CRYOGENICS;
THERMONUCLEAR REACTOR FUELING; LEVITATION; OPTIMIZATION;
EXPERIMENTAL DATA; THEORETICAL DATA; THERMONUCLEAR FUELS

Parameters of plasma produced by pulsed laser irradiation of metal capillary **S70**

Karpov, I.E. (Inst. Yadernoj Fiziki SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU)), e-mail: iekarpov90@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Parametry plazmy, obrazuyushchejsya pri obluchenii metallicheskogo kapillyara lazernym impul'som

p. 100

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-PRODUCED PLASMA; PLASMA PRODUCTION; LASER RADIATION; PLASMA DENSITY; METALS; PLASMA FILAMENT; M CODES; OPTIMIZATION; THEORETICAL DATA

Acceleration of electron bunches injected into a wake wave **S70**

Kuznetsov, S.V. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: shenau@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Uskorenie ehlektronnykh sgustkov, inzhektirovannykh v kil'vaternuyu volnu

p. 101

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM-PLASMA SYSTEMS; ELECTRON BEAMS; BEAM BUNCHING; ELECTRON BEAM INJECTION; ACCELERATION; PLASMA FILAMENT; LASER-PRODUCED PLASMA; GEV RANGE 01-10; ANALYTICAL SOLUTION; COMPUTERIZED SIMULATION; THEORETICAL DATA

Small-scale magnetic field generation in laser impulse interaction with overdense plasma

S70

Goryachev, I.A.; Levchenko, V.D.; Perepelkina, A.Yu. (IPM im. M.V. Keldysha RAN, Moscow (RU)), e-mail: mogmi@narod.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Generatsiya melkomasshtabnogo polya pri vzaimodejstvii lazernogo impul'sa so sverkhkriticheskoj plazmoj

p. 102

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER IMPLOSIONS; LASER-PRODUCED PLASMA; PLASMA INSTABILITY;
MAGNETIC FIELDS; OSCILLATIONS; THREE-DIMENSIONAL CALCULATIONS; C
CODES; ANISOTROPY; VELOCITY; THEORETICAL DATA

Analytical theory of laser-triggered ion acceleration from expanding thin plasma target by means of BVP model

S70

Govras, E.A.; Bychenkov, V.Yu. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: egovras@lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Analiticheskoe opisanie lazernogo uskoreniya ionov pri razlete tonkoj plazmennoj misheni s ispol'zovaniem BVP modeli

p. 103

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokih Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER TARGETS; LASER IMPLOSIONS; LASER RADIATION; ACCELERATION;
PLASMA EXPANSION; PLASMA FLUID EQUATIONS; ION BEAMS; FOILS; ELECTRON
TEMPERATURE; ANALYTICAL SOLUTION; THEORETICAL DATA

Numerical simulation of fast ignited target heating by high-energy ion beam

S70

Gasparyan, O.R.; Il'in, D.V.; Sherman, V.E. (Sankt-Peterburgskij Inst. Mashinostroeniya (LMZ-VTUZ), Sankt-Peterburg (RU)), e-mail: sherman@VS8325.spb.edu; Gus'kov, S.Yu. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: guskov@sci.lebedev.ru; Zmitrenko, N.V. (Inst. Matematicheskogo Modelirovaniya RAN, Moscow (RU)), e-mail: zmitrenko@imamod.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Matematicheskoe modelirovanie nagreva mishenej bystrogo zazhiganiya puchkom vysokoenergetichnykh ionov

p. 104

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ION BEAM TARGETS; INERTIAL CONFINEMENT; ION BEAMS; THERMONUCLEAR IGNITION; PLASMA HEATING; BEAM-PLASMA SYSTEMS; D CODES; COMPUTERIZED SIMULATION; MEV RANGE 100-1000; THEORETICAL DATA

Measurement of X-ray spectra of multilayer targets

S70

Afonin, V.I.; Vikhlyaev, D.A.; Gavrilov, D.S.; Eliseev, M.V.; Kakshin, A.G.; Loboda, E.A.; Nosulenko, D.S.; Potapov, A.V.; Safronov, K.V.; Tolstoukhov, P.A. (Rossijskij Federal'nyj Yadernyj Tsentr - Vserossijskij NII Tekhnicheskoy Fiziki im. ak. E.I. Zababakhina (RFYaTs-VNIITF), Snezhinsk (RU)), e-mail: dep5@vniitf.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmerenie spektrov rentgenovskogo izlucheniya mnogoslojnykh mishenej

p. 105

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-RADIATION HEATING; LASER RADIATION; HOT PLASMA; LASER-PRODUCED PLASMA; TARGETS; SODIUM CHLORIDES; ELECTRON TEMPERATURE; X-RAY SPECTRA; HARD X RADIATION; BORON; EXPERIMENTAL DATA

Measurement of neutron yield in $\text{Li}^{7}(\text{p},\text{n})\text{Be}^{7}$ reaction in LiF target irradiated by proton beam accelerated by ultra-short laser pulse

S70

Vikhlyaev, D.A.; Gavrilov, D.S.; Gorokhov, S.A. (Rossijskij Federal'nyj Yadernyj Tsentr - Vserossijskij NII Tekhnicheskoy Fiziki im. ak. E.I. Zababakhina (RFYaTs-VNIITF), Snezhinsk (RU)), e-mail: dep5@vniitf.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmerenie vykhoda nejtronov reaktsii $\text{Li}^{7}(\text{p},\text{n})\text{Be}^{7}$ v LiF misheni, obluchaemoj puchkom protonov, uskorennykh ul'trakorotkim lazernym impul'som

p. 106

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER IMPLOSIONS; LASER TARGETS; INERTIAL CONFINEMENT; FOILS; ALUMINIUM; LASER RADIATION; PROTON BEAMS; ACCELERATION; PROTON REACTIONS; LITHIUM 7 TARGET; BERYLLIUM 7; NEUTRONS; NUCLEAR REACTION YIELD; ENERGY CONVERSION; EXPERIMENTAL DATA

Simulation of characteristic X-radiation by hot electrons in a foil

S70

Kostenko, O.F.; Andreev, N.E. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: olegkost@ihed.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie generatsii kharakteristicheskogo rentgenovskogo izlucheniya goryachimi ehlektronami v fol'ge

p. 107

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER IMPLOSIONS; LASER RADIATION; X RADIATION; ENERGY CONVERSION;
FOILS; THICKNESS; SILVER; SIMULATION; THEORETICAL DATA

Averaged equations of relativistic motion of a charged particle in the field of strong electromagnetic radiation

S71

Kastil'o, R.A.Kh.; Milant'ev, V.P. (RUDN, Moscow (RU)), e-mail: vmilantiev@sci.pfu.edu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Usrednennye uravneniya relyativistskogo dvizheniya zaryazhennoj chastitsy v pole moshchnogo ehlektromagnitnogo izlucheniya

p. 108

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

EQUATIONS OF MOTION; PONDEROMOTIVE FORCE; CHARGED PARTICLES;
ELECTROMAGNETIC FIELDS; POLARIZATION; RELATIVISTIC RANGE;
ANALYTICAL SOLUTION; THEORETICAL DATA

Heat transfer by electrons and ions

S70

Dolgoleva, G.V. (IPM im. M.V. Keldysha, Moscow (RU)), e-mail: dolgg@kiam.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Perenos tepla ehlektronami i ionami

p. 109

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-PRODUCED PLASMA; HEAT TRANSFER; HEAT FLUX; LASER TARGETS; FOKKER-PLANCK EQUATION; FOURIER HEAT EQUATION; OPTIMIZATION; COMPARATIVE EVALUATIONS; THEORETICAL DATA

Conception of low inductance plasma focus

S70

Volobuev, I.V.; Nikulin, V.Ya.; Polukhin, S.N. (FIAN, Moscow (RU)), e-mail: snpol@lebedev.ru; Kryukov, L.Kh.; Medintsev, D.I. (MIFI, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kontseptsiya nizkoinduktivnogo plazmennogo fokusa

p. 110

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA FOCUS; ELECTRIC DISCHARGES; INDUCTION; ENERGY STORAGE SYSTEMS; ELECTRODES; ELECTRIC CURRENTS; PERFORMANCE; EXPERIMENTAL DATA

Generation of electron beam in plasma focus

S70

Vikhrev, V.V.; Mironenko-Marenkov, A.D. (NITs Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Generatsiya ehlektronnogo puchka v plazmennom fokuse

p. 111

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA FOCUS; PLASMA DENSITY; PLASMA GUNS; ELECTRON BEAMS; BEAM PRODUCTION; ACCELERATION; KILO AMP BEAM CURRENTS; ELECTRON DENSITY

On anisotropy of neutron radiation in Z-pinches

S70

Mironenko-Marenkov, A.D.; Vikhrev, V.V.; Korolev, V.D.; Ustroev, G.I. (NITs Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ob anizotropii nejtronnogo izlucheniya v Z-pinchakh

p. 112

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LONGITUDINAL PINCH; NEUTRONS; ANISOTROPY; NEUTRON SPECTRA; MEV RANGE 01-10; ENERGY SPECTRA; TAIL IONS; SPATIAL DISTRIBUTION; THEORETICAL DATA; DIAGRAMS

Study of anisotropy of energy and radiative losses of high-current Z-pinch produced by implosion of cylindrical multiwire tungsten assemblies

S70

Aleksandrov, V.V.; Volkov, G.S.; Grabovskij, E.V.; Gritsuk, A.N.; Lakhtyushko, N.I.; Medovshchikov, S.F.; Olejnik, G.M.; Svetlov, E.V. (GNTs RF Troitskij Inst. Innovatsionnykh i Termoyadernykh Issledovaniy, Troitsk, Moscow (RU)), e-mail: svetlov@triniti.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie anizotropii ehnergeticheskikh i izluchatel'nykh poter' sil'notochnogo Z-pincha, poluchaemogo pri szhatii tsilindricheskikh mnogoprovolochnykh vol'framovykh sborok

p. 113

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LONGITUDINAL PINCH; ENERGY LOSSES; ANISOTROPY; IMPLOSIONS; POWER DENSITY; PLASMA DIAGNOSTICS; TUNGSTEN; LINERS; CALORIMETERS; BOLOMETERS; PHOTODIODES; EXPERIMENTAL DATA

Numerical investigations of initial conditions effect on multiwire array implosion in the framework of 3D magnetohydrodynamics

S70

Orlov, A.P.; Repin, B.G. (Rossijskij Federal'nyj Yadernyj Tsentr - VNIIEhF, Sarov (RU)), e-mail: orlov@ntc.vniief.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Chislennye issledovaniya vliyaniya nachal'nykh uslovij na imploziyu mnogoprovolochnogo
lajnera v ramkakh 3D magnitnoj gidrodinamiki

p. 114

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LONGITUDINAL PINCH; IMPLOSIONS; LINERS; MAGNETOHYDRODYNAMICS;
THREE-DIMENSIONAL CALCULATIONS; BOUNDARY-VALUE PROBLEMS;
COMPUTERIZED SIMULATION; WIRES; TUNGSTEN; THEORETICAL DATA

Spatial distribution of X-ray spectral density in the fast Z-pinch

S70

Aleksandrov, V.V.; Volkov, G.S.; Grabovskij, E.V.; Gritsuk, A.N.; Laukhin, Ya.N.; Mitrofanov, K.N.; Olejnik, G.M.; Sasorov, P.V.; Frolov, I.N. (GNTs RF Troitskij Inst. Innovatsionnykh i Termoyadernykh Issledovaniy, Troitsk, Moscow (RU)), e-mail: griar@triniti.ru; Shevel'ko, A.P. (FIAN Fizicheskij Inst. imeni P.N. Lebedeva RAN, Moscow (RU)), e-mail: shevelko@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Prostranstvennoe raspredelenie spektral'noj plotnosti rentgenovskogo izlucheniya v bystrykh Z-pinchakh

p. 115

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

LONGITUDINAL PINCH; SOFT X RADIATION; IMPLOSIONS; SPECTRAL DENSITY;
SPATIAL DISTRIBUTION; LINERS; TUNGSTEN; WIRES; ANGARA-5 DEVICE; PLASMA
DIAGNOSTICS; SPECTRA; HOT PLASMA; ANISOTROPY; EXPERIMENTAL DATA;
THEORETICAL DATA

Longitudinal and transverse structures of exploding wire core matter

S70

*Ivanenkov, G.V.; Mingaleev, A.R.; Pikuz, S.A.; Romanova, V.M.; Ter-Oganes'yan, A.E.;
Shelkovenko, T.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail:
vmr@inbox.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Prodol'nye i poperechnye struktury veshchestva kernov vzryvayushchikhsya provolochek
p. 116

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

IMPLOSIONS; WIRES; HOT PLASMA; PLASMA DIAGNOSTICS; PINCH EFFECT;
MATTER; SPATIAL DISTRIBUTION; EXPERIMENTAL DATA; MICROSTRUCTURE;
SCHLIEREN METHOD

Early stage of plasma formation in hybrid X-pinch

S70

*Mingaleev, A.R.; Mishin, S.N.; Pikuz, S.A.; Romanova, V.M.; Ter-Oganes'yan, A.E.; Tilikin, I.N.;
Shelkovenko, T.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail:
ivan.tilikin@gmail.com*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nachal'naya stadiya obrazovaniya plazmy v gibridnykh X-pinchakh

p. 117

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PINCH EFFECT; WIRES; PLASMA PRODUCTION; IMPLOSIONS; PLASMA DIAGNOSTICS; INTERFEROMETRY; ELECTRODES; EXPERIMENTAL DATA

Laser shadowgraphy system for investigation of microsecond processes dynamics S70

*Bartov, A.V.; Zhuzhunashvili, A.I.; Kazakov, E.D.; Kalinin, Yu.G.; Shashkov, A.Yu.
(Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail:
kazakoved82@gmail.com*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sistema lazernogo tenevogo fotografirovaniya dlya issledovaniya dinamiki mikrosekundnykh protsessov

p. 118

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA DIAGNOSTICS; NEODYMIUM LASERS; ELECTRO-OPTICAL EFFECTS; RECORDING SYSTEMS; PLASMA; ULTRAHIGH-SPEED PHOTOGRAPHY; RESOLUTION; PERFORMANCE; DIAGRAMS; EXPERIMENTAL DATA

Study of plasma dynamics in plasma current switch based on exploding wires
S70

Shvedov, A.A.; Dolgachev, G.I.; Kalinin, Yu.G.; Maslennikov, D.D.; Chukbar, K.V. (NITs Kurchatovskij Inst., Moscow (RU)); Bagdasarov, G.A.; Gasilov, V.A.; Ol'khovskaya, O.G. (IPM im. M.V. Keldysha RAN, Moscow (RU)); Tkachenko, S.I. (MFTI, Dolgoprudnyj, Moskovskaya Obl. (RU); OIVT RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie dinamiki plazmy v plazmennom preryvatele toka na osnove vzryva provolochki

p. 119

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA SWITCHES; IMPLOSIONS; TUNGSTEN; CARBON; HOT PLASMA; LINERS; SPARK GAPS; MAGNETOHYDRODYNAMICS; THREE-DIMENSIONAL CALCULATIONS; M CODES; THEORETICAL DATA

The modular POS-based generator of mega ampere range for experiments with Z-pinches

S70

Dolgachev, G.I.; Kalinin, Yu.G.; Maslennikov, D.D.; Shvedov, A.A. (NITs Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modul'nyj generator megampernogo toka na osnove PPT dlya ehksperimentov s Z-pinchami

p. 120

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA SWITCHES; LINERS; LONGITUDINAL PINCH; POWER SUPPLIES; ELECTRIC CURRENTS; MODULAR STRUCTURES; PERFORMANCE; EXPERIMENTAL DATA

Numerical modeling of features of ribbed barrier explosive opening switch at high energy density throughout foil

S70

Barabanov, V.N.; Egorov, N.V.; Vlasov, Yu.V. (Rossijskij Federal'nyj Yadernyj Tsentr - VNIIEhF, Sarov (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Raschetnoe issledovanie osobennostej raboty vzryvnogo razmykatelya toka s rebristoj pregradoj pri bol'shikh plotnostyakh potoka ehnergii cherez fol'gu

p. 121

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA SWITCHES; ELECTRIC CURRENTS; CURRENT DENSITY; EFFICIENCY; MAGNETOHYDRODYNAMICS; IMPLOSIONS; FOILS; ELECTRIC CONDUCTIVITY; COMPUTERIZED SIMULATION; THEORETICAL DATA

Numerical modeling of current flow in vacuum diode with laser ignition

S70

Gasilov, V.A.; Krukovskij, A.Yu.; Novikov, V.G.; Tsygvintsev, I.P. (IPM RAN, Moscow (RU)), e-mail: iliatsygvintsev@gmail.com; Romanov, I.V. (FIAN, Moscow (RU)), e-mail: romanov@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Chislennoe modelirovanie protsessov tokoprokhozhdeniya v vakuumnom diode s lazernym podzhigom

p. 122

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER IMPLOSIONS; PINCH EFFECT; DIODE TUBES; PLASMA; PLASMA JETS; MAGNETOHYDRODYNAMICS; TWO-DIMENSIONAL CALCULATIONS; ELECTRIC CURRENTS; ENERGY LOSSES; THEORETICAL DATA

Comparison of experimental and calculated temporal profiles of leakage current in vacuum transmission line of the installation Angara-5-1

S42;S70

Grabovskij, E.V.; Gribov, A.N.; Samokhin, A.A.; Shishlov, A.O. (FGUP GNTs RF TRINITI, Moscow (RU)), e-mail: Shishlov@triniti.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sravnenie ehksperimental'nogo i raschetnogo vremennykh profilej toka utechki v vakuumnoj transportiruyushchej linii ustanovki Angara-5-1

p. 123

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ANGARA-5 DEVICE; LEAKAGE CURRENT; TIME DEPENDENCE; POWER TRANSMISSION LINES; COAXIAL CABLES; DIAGRAMS; THEORETICAL DATA; EXPERIMENTAL DATA

Memory effect in pulsed discharge in nitrogen: correlation between effect magnitude and afterglow plasma parameters

S70

Dyatko, N.A.; Kurnosov, A.K. (GNTs RF TRINITI, Troitsk, Moscow (RU)), e-mail: dyatko@triniti.ru; Shishpanov, A.I.; Ionikh, Yu.Z.; Meshchanov, A.V. (SPbGU, Sankt-Peterburg (RU)), e-mail: ionikh@paloma.spbu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehffekt pamyati v impul'snom razryade v azote: korrelyatsiya mezhdru velichinoj ehffekta i parametrami plazmy poslesvecheniya

p. 127

(RU)

2 refs., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; PLASMA PRODUCTION; ELECTRIC DISCHARGES; NITROGEN; PRESSURE RANGE PA; AFTERGLOW; ELECTRIC POTENTIAL; TIME DEPENDENCE; ELECTRON DENSITY; ELECTRON TEMPERATURE; DIAGRAMS; EXPERIMENTAL DATA

The calculation of electronic transport coefficients and pressure in silicon and boron plasma

S36

Apfel'baum, E.M. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: apfel_e@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Raschet ehlektronnykh transportnykh koehffitsientov i davleniya v plazme kremniya i bora
p. 128
(RU)
6 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SOLID-STATE PLASMA; SILICON; BORON; ELECTRIC CONDUCTIVITY; THERMAL CONDUCTIVITY; THERMOELECTRIC PROPERTIES; ELECTRON-ION COLLISIONS; ELECTRON-ATOM COLLISIONS; R MATRIX; THEORETICAL DATA

The effect of nonideality on recombination rate in nonideal plasma

S70

Bobrov, A.A.; Zelener, B.B.; Zelener, B.V.; Khikhlukha, D.R. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Ob"edinennyj Inst. Vysokikh Temperatur RAN (OIVT RAN), Moscow (RU)), e-mail: abobrov@inbox.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie neideal'nosti na skorost' stolknovitel'noj rekombinatsii v neideal'noj plazme

p. 129

(RU)

4 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRON-ION COLLISIONS; RECOMBINATION; MOLECULAR DYNAMICS METHOD; LASER-PRODUCED PLASMA; ELECTRON TEMPERATURE; ELECTRON DENSITY; ANALYTICAL SOLUTION; THEORETICAL DATA

Simulation of the recombination in nonideal ultracold plasma

S70

Dumin, Yu.V. (Inst. Kosmicheskikh Issledovanij RAN, Moscow (RU); Inst. Zemnogo Magnetizma, Ionosfery i Rasprostraneniya Radiovoln RAN, Moscow (RU)), e-mail: dumin@yahoo.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie rekombinatsii v neideal'noj ul'trakholodnoj plazme

p. 130

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; RECOMBINATION; ELECTRON-ION COUPLING; KINETIC ENERGY; TIME DEPENDENCE; OSCILLATIONS; DIAGRAMS; THEORETICAL DATA; ELECTRONS; EQUATIONS OF MOTION

Development of mesh models for description of matter state at megabar pressure

S36

Vorob'ev, V.S. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: vrbv@mail.ru; Grushin, A.S.; Novikov, V.G. (Inst. Prikladnoj Matematiki im. M.V. Keldysha RAN, Moscow (RU)), e-mail: novikov@kiam.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razvitie yachechnykh modelej dlya opisaniya sostoyaniya veshchestv pri megabarnykh davleniyakh

p. 131

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THERMODYNAMIC PROPERTIES; EQUATIONS OF STATE; PRESSURE RANGE GIGA PA; COLD PLASMA; NITROGEN; DENSITY FUNCTIONAL METHOD; BOUNDARY-VALUE PROBLEMS; THEORETICAL DATA

Effect of metallization of liquid hydrogen and deuterium under compression

S70

*Khomkin, A.L.; Shumikhin, A.S. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)),
e-mail: alhomkin@mail.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehffekty metallizatsii pri szhatii zhidkogo vodoroda i dejteriya

p. 132

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

EQUATIONS OF STATE; HYDROGEN; DEUTERIUM; BINDING ENERGY; PHASE TRANSFORMATIONS; LIQUEFIED GASES; COMPRESSION; DISSOCIATION; THEORETICAL DATA

Theory of Maxwell plasma from quantum electrodynamics point of view

S70

Veklenko, B.A. (OIVT RAN, Moscow (RU)), e-mail: VeklenkoBA@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Teoriya maksvellovskoj plazmy s pozitsij kvantovoj ehlektrodinamiki

p. 133

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HOT PLASMA; QUANTUM ELECTRODYNAMICS; BOLTZMANN-VLASOV EQUATION; PLASMA WAVES; DISPERSION RELATIONS; ANALYTICAL SOLUTION

Principles of enhancement of informativity of theoretical scenarios of plasma physical evolution

S70

Erofeev, V.I. (Inst. Avtomatiki i Ehlektrometrii SO RAN, Novosibirsk (RU)), e-mail:

yerofeyev@iae.nsk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Printsipy povysheniya informativnosti teoreticheskikh stsenarijev fizicheskoj ehvolyutsii plazmy

p. 134

(RU)

9 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; PLASMA SIMULATION; PLASMA FLUID EQUATIONS; KINETIC EQUATIONS; STATISTICAL MECHANICS; EVOLUTION; PERTURBATION THEORY

On the electron energy distribution in positive column of gas discharge - paradox Langmuir

S70

Majorov, S.A. (Inst. Obshchej Fiziki RAN, Moscow (RU)), e-mail: mayorov_sa@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O raspredelenii ehlektronov po ehnergii v polozhitel'nom stolbe gazovogo razryada - Paradoks Lengmyura

p. 135

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokih Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; POSITIVE COLUMN; TOWNSEND DISCHARGE; ELECTRON DRIFT; ELECTRIC FIELDS; DISTRIBUTION FUNCTIONS; ENERGY DEPENDENCE; EV RANGE; NEON; MONTE CARLO METHOD; BOLTZMANN STATISTICS; INHOMOGENEOUS FIELDS; COMPUTERIZED SIMULATION; THEORETICAL DATA

Dimensionless invariants of the pulsed high-current electric discharges in gases

S70

Yusupaliev, U. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail: www@phys.msu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Bezrazmernye invarianty impul'snykh sil'notochnykh ehlektricheskikh razryadov v gazakh

p. 136

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ELECTRIC DISCHARGES; PLASMA DENSITY; PLASMA PRESSURE;
ELECTRON TEMPERATURE; TIME DEPENDENCE; SPATIAL DISTRIBUTION;
PRESSURE RANGE KILO PA; ANALYTICAL SOLUTION

Generalized Bohm criterion for electric discharges

S70

Londer, Ya.I.; Ul'yanov, K.N. (Vserossijskij Ehlektrotekhnicheskij Inst. im. V.I. Lenina, Moscow (RU)), e-mail: kulyanov@vei.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Obobshchennyj kriterij Boma dlya ehlektricheskikh razryadov

p. 137

(RU)

2 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ELECTRIC DISCHARGES; SPACE CHARGE; CHARGE DENSITY; ELECTRIC
FIELDS; POISSON EQUATION; ELECTRIC POTENTIAL; DIAGRAMS; THEORETICAL
DATA

Influence of longitudinal magnetic field on the electric gas breakdown in long tubes

S70

Nedospasov, A.V.; Nenova, N.V. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: a-nedospasov@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O vliyanii prodol'nogo magnitnogo polya na ehlektricheskij probroj gaza v dlennykh trubkakh
p. 138

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; BREAKDOWN; ELECTRIC DISCHARGES; ELECTRIC POTENTIAL;
IONIZATION; MAGNETIC FIELDS; PRESSURE DEPENDENCE; HELIUM; WAVE
PROPAGATION; GAS DISCHARGE TUBES; THEORETICAL DATA

Initial phase of atmospheric discharge in over-breakdown field**S70**

Agafonov, A.V.; Bogachenkov, V.A.; Oginov, A.V.; Rodionov, A.A.; Shpakov, K.V. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: oginov@lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nachal'naya faza atmosfernogo razryada v nadprobnojnom pole

p. 139

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

ELECTRIC DISCHARGES; BREAKDOWN; PLASMA; PRESSURE RANGE KILO PA;
ELECTRON BEAMS; SPARK GAPS; ELECTRIC POTENTIAL; TOWNSEND DISCHARGE;
HIGH-VOLTAGE PULSE GENERATORS; ELECTRON GUNS; ELECTRIC CURRENTS;
EXPERIMENTAL DATA

Investigation of corona microdischarge in cryogenic supercritical helium and normal liquid helium

S74

Bonifaci, N.; Aitken, F. (Lab. G2Elab CNRS and Joseph Fourier Univ., Grenoble (FR)); Atrazhev, V.M. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: atrazhev@yandex.ru; Von Haefen, K. (Dept. of Physics and Astronomy, Univ. of Leicester, Leicester (GB)); Eloranta, J. (Dept. of Chemistry, Univ. of California, Berkeley (US))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovaniya koronnogo mikrorazryada v kriogennom zakriticheskom i normal'nom zhidkom gelii

p. 140

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

CORONA DISCHARGES; HELIUM; CRYOGENIC FLUIDS; TEMPERATURE RANGE 0000-0013 K; TEMPERATURE RANGE 0013-0065 K; TEMPERATURE RANGE 0065-0273 K; IONIZATION; ELECTRON MOBILITY; PRESSURE DEPENDENCE; LINE WIDTHS; LINE BROADENING; SPECTRAL SHIFT; EXPERIMENTAL DATA

Combined microwave and DC discharge in hydrogen

S70

Lebedev, Yu.A.; Yusupova, E.V.; Ehpshtejn, I.L. (Inst. Neftekhimicheskogo Sinteza im. A.V. Topchieva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Vodorodnyj razryad v SVCh i postoyannom pole

p. 141

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HIGH-FREQUENCY DISCHARGES; PLASMA PRODUCTION; PLASMA; HYDROGEN;
PRESSURE RANGE PA; PRESSURE RANGE KILO PA; PRESSURE DEPENDENCE;
ELECTRIC CONDUCTIVITY; BALMER LINES; EMISSION SPECTRA; ELECTRIC
POTENTIAL; EXPERIMENTAL DATA

Nonequilibrium plasma accompanying the confined combustion of methane-oxygen mixture

S70

Artem'ev, K.V.; Berezhetskaya, N.K.; Glitsinin, S.I.; Kossyj, I.A.; Malykh, N.I.; Misakyan, M.A.; Tarasova, N.M. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)); Popov, N.A. (NII Yadernoj Fiziki im. D.V. Skobel'tsyna, MGU im. M.V. Lomonosova, Moscow (RU)); Filimonova, E.A. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Neravnovesnaya plazma, soprovozhdayushchaya gorenje metan-kislorodnoj smesi v zamknutom ob"eme

p. 142

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NON-EQUILIBRIUM PLASMA; PLASMA DIAGNOSTICS; BINARY MIXTURES;
OXYGEN; METHANE; COMBUSTION; MICROWAVE RADIATION; ELECTRON
DENSITY; ELECTRON COLLISIONS; EXPERIMENTAL DATA

Analysis of plasma flow dynamics in vacuum neutron tube

S70

Agafonov, A.V. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: agafonov@sci.lebedev.ru; Maslennikov, S.P.; Pastukhov, N.A.; Shkol'nikov, Eh.Ya. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: EYShkolnikov@mephi.ru; Tarakanov, V.P. (Nauchno-Issledovatel'skij Tsentr Teplofiziki Ehkstremal'nykh Sostoyanij Federal'nogo Gosudarstvennogo Byudzhetnogo Uchrezhdeniya Nauki Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: karat@tarak.msk.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Analiz dinamiki plazmennyykh potokov v vakuumnoj nejtronnoj trubke

p. 143

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA PRODUCTION; PLASMA; PLASMA SIMULATION; ELECTRIC DISCHARGES;
ZIRCONIUM; ZIRCONIUM IONS; DEUTERON BEAMS; DEUTERONS; DEUTERIUM
IONS; THERMIONIC EMITTERS; THERMIONIC DIODES; NEUTRONS;
COMPUTERIZED SIMULATION; K CODES; PLASMA DRIFT; PLASMA DENSITY; ION
DENSITY; THEORETICAL DATA

Some trends in progress of experiments on magnetic reconnection and physics of space plasma (laboratory astrophysics)

S70;S79

Frank, A.G. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: annfrank@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Nekotorye tendentsii razvitiya ehksperimentov po magnitnomu peresoedineniyu i fizika
kosmicheskoy plazmy (laboratornaya astrofizika)

p. 144

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ELECTRIC CURRENTS; MAGNETIC FIELD CONFIGURATIONS; MAGNETIC RECONNECTION; MAGNETIC FIELDS; SOLAR FLARES; HALL EFFECT; ASTROPHYSICS

Light characteristics of plasma channel of discharge in longitudinal magnetic field

S70

Omarov, O.A.; Ehl'darov, Sh.Sh.; Gadzhiev, A.M. (Dagestanskij Gosudarstvennyj Univ., Makhachkala (RU)), e-mail: amgadzhiev@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Svetotekhnicheskie kharakteristiki plazmennogo kanala razryada v prodol'nom magnitnom pole

p. 145

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; PLASMA FILAMENT; ELECTRIC DISCHARGES; PHOTOCURRENTS;
EMISSIVITY; ILLUMINANCE; MAGNETIC FIELDS; WAVELENGTHS;
PHOTOMULTIPLIERS; CALIBRATION; THEORETICAL DATA; EXPERIMENTAL DATA

Fundamental problems of electric gas breakdown

S70

Shelobolin, A.V. (Fizicheskij Inst. RAN, Moscow (RU)), e-mail: shell@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fundamental'nye problemy ehlektricheskogo proboya gazov

p. 146

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; PLASMA FLUID EQUATIONS; BREAKDOWN; ELECTRIC DISCHARGES;
TOWNSEND DISCHARGE; WAVE PROPAGATION; NONLINEAR PROBLEMS; GASES;
SOLITONS; PLASMA SURFACE WAVES; SINE-GORDON EQUATION; ANALYTICAL
SOLUTION

Numerical simulation of experiments on magnetic flux compression in the megagauss science laboratory of Institute of solid state physics

S70

Garanin, S.F.; Ivanova, G.G.; Kuznetsov, S.D. (VNIIEhF, Sarov (RU)), e-mail: sfgar@vniief.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Chislennoe modelirovanie ehksperimentov po szhatiyu magnitnogo potoka v megagaussnoj nauchnoj laboratorii Instituta fiziki tverdogo tela

p. 147

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; MAGNETIC FLUX; MAGNETIC FIELDS; LINERS; MAGNETIC COMPRESSION; PLASMA MACROINSTABILITIES; SOLIDS; SOLID-STATE PLASMA; COMPUTERIZED SIMULATION; THEORETICAL DATA

Glow discharge plasma polarization and current pinch formation

S70

Medvedev, A.Eh. (Inst. Lazernoj Fiziki SO RAN, Novosibirsk (RU)), e-mail:

medvedev@laser.nsc.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Polyarizatsiya plazmy tleyushchego razryada i formirovanie tokovogo shnura

p. 148

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ELECTRIC CURRENTS; PLASMA FILAMENT; PLASMA DRIFT; PLASMA FLUID EQUATIONS; DIFFUSION EQUATIONS; POLARIZATION; GLOW DISCHARGES; BOUNDARY-VALUE PROBLEMS; PRESSURE RANGE KILO PA; ARGON; HELIUM; NITROGEN; HYDROGEN; AIR; THEORETICAL DATA

Investigation of different types of coaxial pulsed plasma injectors

S70

Kuzenov, V.V.; Kuttyrev, M.V.; Ryzhkov, S.V. (Inst. Prikladnoj Mekhaniki im. A.Yu. Ishlinskogo RAN, Moscow (RU); MGTU im. N.Eh. Bauman, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie razlichnykh tipov koaksial'nykh impul'snykh plazmennyykh inzhektorov

p. 149

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA GUNS; PLASMA JETS; MAGNETOPLASMA COMPRESSORS; PLASMA FLUID EQUATIONS; COMPUTERIZED SIMULATION; THEORETICAL DATA

Radio physical properties collisional ionized gas

S70

Shevyakov, I.A. (OAO Chelyabinskij Radiozavod Polet, Chelyabinsk (RU)), e-mail:

regnlager@mail.ru; Tambovtsev, V.I. (Yuzhno-Ural'skij Gosudarstvennyj Univ., Chelyabinsk

(RU)), e-mail: tamboval@mail.ru; Kuchurkin, A.A. (Mechel Servis Global, Gaaga (NL)), e-mail:

matan_gus@list.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Radiofizicheskie svoystva stolknovitel'nogo ionizovannogo gaza

p. 150

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; IONIZED GASES; GAS DISCHARGE TUBES; ARGON; ELECTRIC DISCHARGES; ELECTRON COLLISIONS; ELECTRIC CONDUCTIVITY; GHZ RANGE 01-100; EXPERIMENTAL DATA

ECR plasma injector CERA-RI-2

S70

Balmashnov, A.A. (RUDN, Moscow (RU)), e-mail: abalmashnov@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

EhTsR inzhektor plazmy CERA-RI-2

p. 151

(RU)

3 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA GUNS; ECR HEATING; PLASMA JETS; PLASMA PRODUCTION; CAVITY RESONATORS; MAGNETRONS; POWER RANGE 10-100 W; PRESSURE RANGE MILLI PA; ARGON; DIAGRAMS; EXPERIMENTAL DATA

Superlight signals in quantum optics

S42

Veklenko, B.A. (OIVT RAN, Moscow (RU)), e-mail: VeklenkoBA@yandex.ru; Malakhov, Yu.I.;

Shi, N.K. (MEHI, Moscow (RU)), e-mail: yumalakhov@yandex.ru, nguyenquocshi@yahoo.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sverkhsvetovye signaly v kvantovoj optike

p. 152

(RU)

2 refs., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PHOTODETECTORS; DOPPLER EFFECT; AIR; NITROGEN; EXCITATION;
TEMPERATURE RANGE 0273-0400 K; LIGHT SCATTERING; OSCILLATIONS;
DIAGRAMS; EXPERIMENTAL DATA

Change of the surface properties of textile fibers and material by means of low temperature plasma

S36

Bukina, Yu.A.; Ibatullina, A.R.; Sergeeva, E.A. (Kazanskiy Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ., Kazan' (RU)), e-mail: ybuki@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmenenie poverkhnostnykh svojstv tekstil'nykh volokon i materialov s pomoshch'yu nizkotemperaturnoj plazmy

p. 153

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ARAMIDS; FIBERS; SURFACE TREATMENTS; TEXTILES; PHYSICAL RADIATION EFFECTS; WETTABILITY; WATERPROOFING; EPOXIDES; COMPOSITE MATERIALS; NANOTECHNOLOGY; EXPERIMENTAL DATA

Kinetics of phenol destruction and its decomposition products in aqueous solutions under the action of dc discharge of atmospheric pressure in air

S38

Bobkova, E.S.; Krasnov, D.S.; Kobeleva, N.A.; Sungurova, A.V. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Inst. Termodinamiki i Kinetiki Khimicheskikh Protsessov,

Ivanovo (RU), e-mail: esbobkova@isuct.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kinetika destruktсии fenola i produktov ego raspada v vodnykh rastvorakh pod dejstviem razryada postoyannogo toka atmosfernogo davleniya v vozdukhe

p. 154

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

RADIOLYSIS; PHENOL; AQUEOUS SOLUTIONS; ELECTRIC DISCHARGES; COLD PLASMA; CHEMICAL REACTION KINETICS; DAUGHTER PRODUCTS; PH VALUE; CONCENTRATION RATIO; HYDROGEN PEROXIDE; CARBOXYLIC ACIDS; ALDEHYDES; CARBON DIOXIDE; SIMULATION; EXPERIMENTAL DATA

Modelling the active species composition in dielectric barrier discharge (DBD) of atmospheric pressure in oxygen

S37

Bobkova, E.S.; Khodor, Ya.V.; Kornilova, O.N.; Rybkin, V.V. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Inst. Termodinamiki i Kinetiki Khimicheskikh Protseessov, Ivanovo (RU), e-mail: esbobkova@isuct.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie sostava aktivnykh chastits v dielektricheskom bar'ernom razryade (DBR) atmosfernogo davleniya v kislorode

p. 155

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; COLD PLASMA; CHEMICAL RADIATION EFFECTS;
PRESSURE RANGE KILO PA; BOLTZMANN EQUATION; CHEMICAL REACTION
KINETICS; BINARY MIXTURES; OXYGEN; WATER VAPOR; ELECTRON DENSITY;
EXCITATION; IONIZATION; DISSOCIATION; MATHEMATICAL MODELS;
THEORETICAL DATA

Electron gas parameters in dielectric barrier discharge (DBD) of atmospheric pressure in oxygen with aqueous electrode

S37

Bobkova, E.S.; Rybkin, V.V. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Inst. Termodinamiki i Kinetiki Khimicheskikh Protssessov, Ivanovo (RU)), e-mail: rybkin@isuct.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Parametry ehlektronnogo gaza v dielektricheskom bar'ernom razryade (DBR) atmosfernogo davleniya v kislorode s zhidkim ehlektrodom

p. 156

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; OXYGEN; PRESSURE RANGE KILO PA; ELECTRON GAS;
DISTRIBUTION FUNCTIONS; BINARY MIXTURES; WATER VAPOR; AQUEOUS
SOLUTIONS; ELECTRIC CURRENTS; ELECTRIC POTENTIAL; EV RANGE 01-10; TIME
DEPENDENCE; ELECTRON DENSITY; COLD PLASMA; EXPERIMENTAL DATA

Emission spectroscopy of the sulfonol aqueous solution cathode discharge of atmospheric pressure

S37

Shutov, D.A.; Isakina, A.A.; Konovalov, A.S.; Dronik, V.D. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: shutov@isuct.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehmissionnaya spektroskopiya razryada atmosfernogo davleniya s vodnym rastvorom sul'fonola v kachestve katoda

p. 157

(RU)

1 ref.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; COLD PLASMA; PRESSURE RANGE KILO PA;
SULFONATES; SODIUM COMPOUNDS; AQUEOUS SOLUTIONS; EMISSION
SPECTROSCOPY; DECOMPOSITION; EXPERIMENTAL DATA

Electrophysical characteristics of sulfonol aqueous solution cathode discharge of atmospheric pressure

S37

Shutov, D.A.; Isakina, A.A.; Konovalov, A.S.; Bukharin, D.B.; Bobkova, E.S. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: shutov@isuct.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehlektrofizicheskie kharakteristiki razryada atmosfernogo davleniya s vodnym rastvorom sul'fonola v kachestve katoda

p. 158

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; AQUEOUS SOLUTIONS; SULFONATES;
SODIUM COMPOUNDS; PRESSURE RANGE KILO PA; ELECTRIC CURRENTS;
ELECTRIC POTENTIAL; ANODES; CATHODES; CURRENT DENSITY;
CONCENTRATION RATIO; EXPERIMENTAL DATA

Change of indexes of the properties of sorption materials treated in dielectric barrier discharge (DBD)

S37

Grinevich, V.A.; Kuvykin, N.A.; Lyubimov, V.A. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: goodcar1@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmenenie pokazatelej svojstv sorbtsionnykh materialov, obrabotannykh v dielektricheskom bar'ernom razryade (DBR)

p. 159

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; SURFACE TREATMENTS; ACTIVATED CARBON; SORPTIVE
PROPERTIES; ADSORPTION; ELECTRIC DISCHARGES; WATER VAPOR; POROSITY;
EFFICIENCY; EXPERIMENTAL DATA; PORE STRUCTURE; SORBENT RECOVERY
SYSTEMS; ADSORBENTS

Kinetics and mechanisms of the sulfonol decomposition under atmospheric pressure dc discharge in air

S37

Isakina, A.A.; Shutov, D.A.; Ol'khova, E.O.; Kostyleva, A.N.; Shishkina, A.I. (Ivanovskij Gosudarstvennyj Khimiko-Tekhnologicheskij Univ., Ivanovo (RU)), e-mail: isakina@isuct.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Kinetika i mekhanizmy razlozheniya sul'fonola pod dejstviem razryada postoyannogo toka
atmosfernogo davleniya v vozdukh

p. 160

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; SULFONATES; SODIUM COMPOUNDS;
DECOMPOSITION; PRESSURE RANGE KILO PA; PHENOL; AQUEOUS SOLUTIONS;
TIME DEPENDENCE; CHEMICAL REACTION KINETICS; EXPERIMENTAL DATA

Suppression of current and voltage oscillations in plasma with nonlocal ionization

S70

Mustaf'ev, A.S.; Grabovskij, A.Yu. (Natsional'nyj Mineral'no-Syr'evoj Univ. Gornyj, Sankt-Peterburg (RU)), e-mail: alexmustafaev@yandex.ru, schwer@list.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Podavlenie kolebanij toka i napryazhenij v plazme s nelokal'noj ionizatsiej

p. 161

(RU)

4 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ELECTRIC DISCHARGES; ELECTRIC CONDUCTIVITY; PRESSURE RANGE PA; PRESSURE DEPENDENCE; IONIZATION; ELECTRIC CURRENTS; OSCILLATIONS; STABILIZATION; DIAGRAMS; EXPERIMENTAL DATA

Optimization of the parameters of the plasma diode voltage stabilizer

S70

Mustaf'ev, A.S.; Grabovskij, A.Yu.; Ainov, M.A. (Natsional'nyj Mineral'no-Syr'evoj Univ. Gornyj, Sankt-Peterburg (RU)), e-mail: alexmustafaev@yandex.ru, schwer@list.ru, ainovm@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Optimizatsiya parametrov diodnogo plazmennogo stabilizatora napryazheniya

p. 162

(RU)

2 refs., 1 tab.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; VOLTAGE REGULATORS; THERMIONIC DIODES; ELECTRIC DISCHARGES; PLASMA DIAGNOSTICS; ELECTRIC CURRENTS; PRESSURE RANGE KILO PA; PRESSURE DEPENDENCE; CURRENT DENSITY; PLASMA FILAMENT; DISTRIBUTION FUNCTIONS; NEON; HELIUM; ARGON; KRYPTON; XENON; SPARK GAPS; OPTIMIZATION; EXPERIMENTAL DATA

ECR heating at the CERA-RX(C) in the strong feedback with microwave generator

S70

Kalashnikov, A.V.; Kalashnikov, V.V. (RUDN, Moscow (RU)), e-mail: avkalashnikov@inbox.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

EhTsR nagrev v istochnike CERA-RX(C) v usloviyakh sil'noj obratnoj svyazi s mikrovolnovym generatorom

p. 163

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkoterperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ECR HEATING; PLASMA; X-RAY SOURCES; FEEDBACK; MICROWAVE EQUIPMENT;
RESONATORS; FREQUENCY MODULATION; BREMSSTRAHLUNG; MAGNETIC
FIELDS; KEV RANGE 10-100; EXPERIMENTAL DATA

Double electric layer at the plasma-solution boundary

S37

Khlyustova, A.V. (GBUN Inst. Khimii Rastvorov im. G.A. Krestova RAN, Ivanovo (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Dvojnoj ehlektricheskij sloj na granitse plazma-rastvor: teoriya i ehksperiment

p. 164

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkoterperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ELECTROLYTES; GLOW DISCHARGES; AQUEOUS SOLUTIONS;
CATHODES; ION MOBILITY; MASS TRANSFER; ELECTRIC CURRENTS; EMISSION
SPECTRA; SUPERCRITICAL STATE; EVAPORATION; ELECTRIC FIELDS; BOUNDARY
LAYERS; THEORETICAL DATA; EXPERIMENTAL DATA

Determination of active particle concentration in gas phase of glow discharge

with electrolyte cathode by means of numerical simulation

S37

Sirotkin, N.A.; Khlyustova, A.V. (Inst. Khimii Rastvorov im. G.A. Krestova RAN, Ivanovo (RU)), e-mail: kav@isc-ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Opređenje kontsentratsij aktivnykh chastits v gazovoj faze tleyushchego razryada s ehlektrolitnym katodom metodom chislennogo modelirovaniya

p. 165

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; GLOW DISCHARGES; ELECTROLYTES; CATHODES; AQUEOUS SOLUTIONS; CHEMICAL COMPOSITION; CONCENTRATION RATIO; GAS ANALYSIS; OXYGEN; NITROGEN; HYDROGEN; NITRIC OXIDE; SODIUM CHLORIDES; SODIUM OXIDES; OZONE; ELECTRONS; IONS; TIME DEPENDENCE; COMPUTERIZED SIMULATION; THEORETICAL DATA

Spectroscopy of microwave discharge in liquid C7-C16 hydrocarbons

S37

Konstantinov, V.S.; Lebedev, Yu.A.; Shakhmatov, V.A.; Ehpshtejn, I.L.; Yusupova, E.V. (Inst. Neftekhimicheskogo Sinteza im. A.V. Topchieva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Spektroskopiya SVCh razryada v zhidkikh C7-C16 uglevodorodakh

p. 166

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; HIGH-FREQUENCY DISCHARGES; HEPTANE; SPECTROSCOPY;
DECOMPOSITION; MAGNETRONS; HYDROGEN; CARBON; EXPERIMENTAL DATA

Emission spectroscopic investigation of distribution functions of nitrogen molecules and ions on vibrational and rotational levels in DC-glow discharge of and microwave discharge in nitrogen-hydrogen mixtures

S37

Shakhatov, V.A.; Mavlyudov, T.B.; Lebedev, Yu.A. (Inst. Neftekhimicheskogo Sinteza im. A.V. Topchieva RAN, Moscow (RU)), e-mail: shakhatov@ips.ac.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie metodami ehmissionnoj spektroskopii funktsij raspredeleniya molekul i ionov molekuly azota po kolebatel'nym i vrashchatel'nym urovnjam v tleyushchem razryade postoyannogo toka i SVCh razryade v smesyakh azota s vodorovom

p. 167

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

EMISSION SPECTROSCOPY; PLASMA; GLOW DISCHARGES; HIGH-FREQUENCY DISCHARGES; NITROGEN; HYDROGEN; BINARY MIXTURES; MOLECULES; NITROGEN IONS; DISTRIBUTION FUNCTIONS; VIBRATIONAL STATES; ROTATIONAL STATES; CONCENTRATION RATIO; BOLTZMANN STATISTICS; EXPERIMENTAL DATA

The stability of the collisional plasma flow in magnetic field

S70

Timofeev, A.V. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ustojchivost' potoka stolknovitel'noj plazmy v magnitnom pole

p. 168

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLLISIONAL PLASMA; MAGNETIC FIELDS; PLASMA FLUID EQUATIONS; PLASMA DRIFT; DISTURBANCES; PLASMA INSTABILITY; COMPUTERIZED SIMULATION; THEORETICAL DATA

On inability reasons of traditional approach to describe electron transport and heating in substance under electric field force by solving the Boltzmann equation for electron velocity distribution function

S70

Boriev, I.A. (Filial Inst. Ehnergeticheskikh Problem Khimicheskoy Fiziki RAN, Chernogolovka (RU)), e-mail: boriev@binep.ac.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O prichinakh nesostoyatel'nosti obshcheprinyatogo podkhoda k opisaniyu protsessov perenosa i razogreva ehlektronov v veshchestve pod dejstviem sily ehlektricheskogo polya na osnove resheniya kineticheskogo uravneniya Bol'tsmana dlya funktsii raspredeleniya skorostej ehlektronov

p. 169

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

ELECTRON DRIFT; ELECTRONS; VELOCITY; DISTRIBUTION FUNCTIONS; PLASMA HEATING; BOLTZMANN EQUATION; PLASMA; LINEAR MOMENTUM; ELECTRIC FIELDS; CONSERVATION LAWS; THEORETICAL DATA

Dependence of efficiency of electron extraction on a target on the central electrode potential of CERA-RX(C) source

S70

Stepina, S.P.; Umnov, A.M. (Rossijskij Univ. Druzhy Narodov, Moscow (RU)), e-mail: anumnov@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Zavisimost' ehffektivnosti vysadki ehlektronov na mishen' ot potentsiala na tsentral'nom ehlektrode istochnika CERA-RX(C)

p. 170

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

X-RAY SOURCES; PLASMA; ECR HEATING; ELECTRONS; ELECTRIC POTENTIAL; EFFICIENCY; THREE-DIMENSIONAL CALCULATIONS; COMPUTERIZED SIMULATION; DIAGRAMS; THEORETICAL DATA

Influence of magnetic field gradient on hot-electron component parameters of low-pressure ECR-plasma in mirror-type trap

S70

Andreev, V.V.; Novitskij, A.A.; Umnov, A.M. (RUDN, Kafedra Ehksperimental'noj Fiziki, Moscow (RU)), e-mail: temple18@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie gradienta magnitnogo polya na parametry vysokoenergichnoj ehlektronnoj komponenty plazmy EhTsR-razryada nizkogo davleniya v lovushke probchnogo tipa
p. 171

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ECR HEATING; ELECTRONS; MAGNETIC FIELDS; MAGNETIC MIRROR CONFIGURATIONS; MIRROR RATIO; BREMSSTRAHLUNG; SPATIAL DISTRIBUTION; TIME DEPENDENCE; EXPERIMENTAL DATA

Pulsed microwave capillary discharge in gas of atmospheric pressure

S70

Gritsinin, S.I.; Davydov, A.M.; Kossyj, I.A. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Impul'snyj mikrovolnovyj razryad v kapillyare v gازه atmosferного davleniya

p. 172

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; HIGH-FREQUENCY DISCHARGES; PRESSURE RANGE KILO PA; ARGON; PLASMA FILAMENT; ELECTRON DENSITY; ELECTRON TEMPERATURE;

Microwave diagnostics of plasma excited in chemically active gaseous medium
S37

Artem'ev, K.V.; Berezhetskaya, N.K.; Gritsinin, S.I.; Kossyj, I.A.; Tarasova, N.M.; Malykh, N.I.
(*Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)*)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Mikrovolnovaya diagnostika plazmy, vzbuzhdaemoj v khimicheski aktivnoj gazovoj srede

p. 173

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA DIAGNOSTICS; COLD PLASMA; ELECTRON TEMPERATURE; ELECTRON DENSITY; MICROWAVE RADIATION; GASES; MIXTURES; IGNITION; COMBUSTION; THERMODYNAMIC ACTIVITY; IONIZATION; ELECTRON COLLISIONS; EXPERIMENTAL DATA

Synthesis of boron nitride and titanium diboride by use of microwave discharge in Ti-B powder in nitrogen

S37

Batanov, G.M.; Berezhetskaya, N.K.; Borzosekov, V.D. (IOF RAN, Moscow (RU)) (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sintez nitrida bora i diborida titana s pomoshch'yu mikrovolnovogo razryada v Ti-B poroshke v azote

p. 174

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; HIGH-FREQUENCY DISCHARGES; SYNTHESIS; BORON NITRIDES; TITANIUM BORIDES; POWDERS; CHEMICAL REACTIONS; RAMAN SPECTROSCOPY; QUANTITATIVE CHEMICAL ANALYSIS; X-RAY DIFFRACTION; STRUCTURAL CHEMICAL ANALYSIS; EXPERIMENTAL DATA

Reactor for plasma-chemical reactions by means microwave discharge in powder mixtures in nitrogen atmosphere

S37

Batanov, G.M.; Berezhetskaya, N.K.; Borzosekov, V.D. (IOF RAN, Moscow (RU)) (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Reaktor dlya protekaniya plazmokhimicheskikh reaktsij s pomoshch'yu mikrovolnovogo razryada v poroshkovykh smesyakh v atmosfere azota

p. 175

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

CHEMICAL REACTORS; SYNTHESIS; COLD PLASMA; HIGH-FREQUENCY DISCHARGES; CHEMICAL REACTIONS; TITANIUM BORIDES; NITROGEN; BORON NITRIDES; POWDERS; PRESSURE RANGE KILO PA; TEMPERATURE RANGE OVER 4000 K; EVAPORATION; CHEMICAL REACTION KINETICS; EXPERIMENTAL DATA

Generation of one-dimensional cumulating shock waves in gas medium by electric discharge

S70

Barkhudarov, Eh.M.; Berezhetskaya, N.K.; Kosyij, I.A.; Moryakov, I.V.; Taktakishvili, M.I. (FGBUN Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: barkhudarov@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehlektrozryadnaya generatsiya odnomernykh kumuliruyushchikh udarnykh voln v gazovoj srede

p. 176

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SHOCK WAVES; ELECTRIC DISCHARGES; COLD PLASMA; PLASMA PRODUCTION; SHOCK HEATING; SPARK GAPS; AIR; PRESSURE RANGE KILO PA; WAVE PROPAGATION; DIAGRAMS; EXPERIMENTAL DATA

Kinetic theory of Thomson scattering of an electromagnetic field by non-equilibrium plasma**S70**

Belyj, V.V. (IZMIRAN, Troitsk (RU)), e-mail: sbelyi@izmiran.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kineticheskaya teoriya tomsonovskogo rasseyaniya ehlektromagnitnykh voln v neravnovesnoj plazme

p. 177

(RU)

5 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NON-EQUILIBRIUM PLASMA; COLD PLASMA; THOMSON SCATTERING; WAVE
PROPAGATION; ELECTROMAGNETIC RADIATION; PLASMA DIAGNOSTICS;
FLUCTUATIONS; KINETIC EQUATIONS; THEORETICAL DATA

Model kinetic description of plasma

S70

Belyj, V.V. (IZMIRAN, Troitsk (RU)), e-mail: sbelyi@izmiran.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Model'noe kineticheskoe opisanie v plazme

p. 178

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; KINETIC EQUATIONS; COLLISIONS; DISTRIBUTION FUNCTIONS;
COLLISION INTEGRALS; MATHEMATICAL OPERATORS; ANALYTICAL SOLUTION;
MATHEMATICAL MODELS; THEORETICAL DATA

Modulation excitation of the concentration inhomogeneities in the dusty ionosphere

S70

Kopnin, S.I.; Popel', S.I. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Inst. Dinamiki Geosfer RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modulyatsionnoe vzbuzhdenie neodnorodnostej kontsentratsii v zapylennoj ionosfere

p. 179

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

IONOSPHERE; INHOMOGENEOUS PLASMA; PLASMA INSTABILITY; METEORITES;
MODULATION; RADIO NOISE; DUSTS; DISTURBANCES; EXPERIMENTAL DATA

About the possibility of breaking of microscale particles by plasma-dusty methods

S36

Morozova, T.I.; Kopnin, S.I.; Popel', S.I. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Inst. Dinamiki Geosfer RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O vozmozhnosti upravlyaemogo drobleniya mikrochastits plazmenno-pylevymi metodami

p. 180

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ORE PROCESSING; CRUSHING; NANOSTRUCTURES; ELECTRIC CHARGES; SYNCHROTRON RADIATION; DISPERSIONS; EFFICIENCY

Investigation of the compression mechanism of charged plasma bunch in Penning-Malmberg trap

S70

Akhmanova, E.V.; Kobets, A.G.; Meshkov, I.N.; Rudakov, A.Yu.; Sidorin, A.A.; Yakovenko, S.L. (OIYaI, Dubna (XJ)), e-mail: meshkov@jinr.ru; Eseev, M.K. (Severnyj Arkticheskij Federal'nyj Univ. im. M.V. Lomonosova, Arkhangel'sk (RU)), e-mail: m.eseev@narfu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie mekhanizma szhatiya sgustka zaryazhennoj plazmy v lovushke Penning-Malbergovskogo tipa

p. 181

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA CONFINEMENT; MAGNETIC COMPRESSION; MAGNETIC FIELDS; ELECTRIC FIELDS; PLASMA FILAMENT; POSITRONS; TRAPS; PLASMA; NITROGEN; EXPERIMENTAL DATA

Simulation of non-stationary emission-erosion processes at the plasma action on the surface with a fine structure

S70

Otryakhin, D.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Tsventukh, M.M. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie nestatsionarnykh ehrozionno-ehmissionnykh protsessov pri vozdejstvii plazmy na poverkhnost' s tonkoj strukturoj

p. 182

(RU)

5 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

FIRST WALL; HOT PLASMA; EROSION; WALL EFFECTS; TUNGSTEN;
COMPUTERIZED SIMULATION; EDGE LOCALIZED MODES; NANOSTRUCTURES;
PLASMA DENSITY; TIME DEPENDENCE; ELECTRIC CURRENTS; DIAGRAMS;
THEORETICAL DATA

Transformation of SiF₄ in SiH₄ and Si in the plasma of a volume self-sustained discharge

S37

Kazantsev, S.Yu.; Kononov, I.G.; Podlesnykh, S.V.; Firsov, K.N. (IOFRAN, Moscow (RU)), e-mail: kazan@kapella.gpi.ru; Kudryavtsev, E.M.; Orlov, A.A.; Khorozova, O.D. (VNIKhT, Moscow (RU)), e-mail: kudr51@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Konversiya SiF₄ v SiH₄ i Si v plazme ob"emnogo samostoyatel'nogo razryada

p. 183

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; BINARY MIXTURES; HYDROGEN;
SILICON FLUORIDES; SILICON; SILANES; CHEMICAL REACTIONS; CHEMICAL
REACTION YIELD; ENERGY CONSUMPTION; EXPERIMENTAL DATA

Equation of state and conductivity of plasma of metal vapors: Al, Cu, Ag, Au,

Ni,Ti, B

S37

Khomkin, A.L.; Shumikhin, A.S. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: shum_ac@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Uravneniya sostoyaniya i provodimost' plazmy parov metallov: Al, Cu, Ag, Au, Ni, Ti, B

p. 184

(RU)

5 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; VAPORS; EVAPORATION; ALUMINIUM; COPPER; GOLD; NICKEL; SILVER; TITANIUM; BORON; EQUATIONS OF STATE; ELECTRIC CONDUCTIVITY; WIGNER SCATTERING; MOLECULAR IONS; MOLECULES; ION-ATOM COLLISIONS; ELECTRONS; IONS; ANALYTICAL SOLUTION; THEORETICAL DATA

Kinetic simulation of edge plasma layer of Hall engine

S70

Kravchenko, D.A. (FGUP GNTs Tsentr Keldysha, Moscow (RU)), e-mail: dmitry1204@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kineticheskoe modelirovanie pristenochnogo sloya plazmy khollovskogo dvigatelya

p. 185

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MHD GENERATORS; WALL EFFECTS; MAGNETIC FIELDS; EDGE LOCALIZED MODES; KINETIC EQUATIONS; COMPUTERIZED SIMULATION; TWO-DIMENSIONAL CALCULATIONS; ROUGHNESS; ELECTRON EMISSION; THEORETICAL DATA

Formation of magnetized plasma column in low pressure argon having aperture of 14x14 sm² and length of 5...6

S70

Bakumov, A.O.; Ivanov, M.M.; Ignatov, M.A.; Karelin, V.I.; Filatov, I.V.; Chernyshov, V.A.; Sharabanov, P.A. (NTTsF FGUP RFYaTs-VNIIEhF, Sarov (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Formirovanie stolba zamagnichennoj plazmy aperturoj 14x14 sm² dlinoj 5...6 m v argone nizkogo davleniya

p. 186

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA PRODUCTION; ARGON; MAGNETIC FIELDS; PLASMA FILAMENT; ELECTRIC DISCHARGES; PRESSURE RANGE MILLI PA; THERMIONIC EMITTERS; ELECTRON DENSITY; SPATIAL DISTRIBUTION; EXPERIMENTAL DATA

Electric probe methods for stationary magneto-active low-pressure plasma diagnostics

S70

Bakumov, A.O.; Ivanov, M.M.; Ignatov, M.A.; Karelin, V.I.; Kirzhaev, A.S.; Filatov, I.V.; Chernyshov, V.A.; Sharabanov, P.A. (FGUP RFYaTs-VNIIEhF, Sarov (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Zondovye metody diagnostiki statsionarnoj magnitoaktivnoj plazmy nizkogo davleniya
p. 187
(RU)
3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA DIAGNOSTICS; PLASMA EATERS; ELECTRON DENSITY; MAGNETIC FIELDS; PRESSURE RANGE MILLI PA; ARGON; COLD PLASMA; EXPERIMENTAL DATA

Electron velocity distribution function in weakly ionized plasma with crossed electric and magnetic fields

S70

Shagajda, A.A. (GNTs FGUP Tsentr Keldysha, Moscow (RU)), e-mail: shagayda@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Funktsiya raspredeleniya ehlektronov po skorostyam v slaboionizovannoj plazme so skreshchennymi ehlektricheskim i magnitnym polyami

p. 188

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; WEAKLY IONIZED GASES; CROSSED FIELDS; ELECTRIC FIELDS;
MAGNETIC FIELDS; DISTRIBUTION FUNCTIONS; ELECTRONS; VELOCITY; KINETIC
EQUATIONS; MHD GENERATORS; ASYMPTOTIC SOLUTIONS;
MAGNETOHYDRODYNAMICS; THEORETICAL DATA

**2DFULLPIC modelling of high frequency oscillations in Hall thruster plasma in
#ZETA#-#THETA# plane**

S70

Tomilin, D.A. (GNTs FGUP Tsentr Keldysha, Moscow (RU)), e-mail: orovim@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie 2DFULLPIC vysokochastotnykh protsessov v plazme khollovskogo dvigatelya v
ploskosti #ZETA#-#THETA#

p. 189

(RU)

4 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MHD GENERATORS; PLASMA; PLASMA MACROINSTABILITIES; ELECTRONS;
KINETIC EQUATIONS; TWO-DIMENSIONAL CALCULATIONS; COMPUTERIZED
SIMULATION; THEORETICAL DATA

**Formation of electron energetic balance and ionization into channel of stationary
plasma thruster**

S70

*Veslovzorov, A.N.; Pogorelov, A.A.; Svirskij, Eh.B.; Smirnov, V.A. (NITs Kurchatovskij Inst.,
Moscow (RU)), e-mail: vasmirnov@nfi.kiae.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Formirovanie ehnergeticheskogo balansa ehlektronov i ionizatsiya v kanale statsionarnogo
plazmennogo dvigatelya

p. 190

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MHD GENERATORS; MHD CHANNELS; ELECTRONS; PLASMA INSTABILITY;
ELECTRON DRIFT; ELECTRIC FIELDS; ENERGY BALANCE; HEATING; ELECTRON
TEMPERATURE; PLASMA WAVES; IONIZATION; COMPUTERIZED SIMULATION;
THEORETICAL DATA

Influence of composition of the buffer gas mixture and discharge current frequency on 185 nm radiation generation by low pressure mercury discharge S07

Kostyuchenko, S.V.; Levchenko, V.A.; Sobur, D.A.; Shunkov, Yu.E. (Gruppa Kompanij LIT, Moscow (RU)), e-mail: lit@npo.lit.ru; Kudryavtsev, N.N. (Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.), Dolgoprudnyj (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie sostava bufernoj smesi i chastoty razryadnogo toka na generatsiyu linii 185 nm rtutnym razryadom nizkogo davleniya

p. 191

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GAS DISCHARGE TUBES; FAR ULTRAVIOLET RADIATION; MERCURY; BUFFERS;
NEON; ARGON; CONCENTRATION RATIO; PRESSURE RANGE PA; BINARY
MIXTURES; EFFICIENCY; HIGH-FREQUENCY DISCHARGES; EXPERIMENTAL DATA;
RADIATION SOURCES

Characteristics of radiation on voltage rise of atmospheric discharge at different polarity

S70

Bogachenkov, V.A.; Oginov, A.V.; Shpakov, K.V. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: shpakov@lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kharakteristiki izluchenij na fronte napryazheniya atmosfernogo razryada pri raznykh polyarnostyakh

p. 192

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; COLD PLASMA; SPARK GAPS; PRESSURE RANGE KILO PA; ULTRAVIOLET RADIATION; ELECTRODES; PULSES; EXPERIMENTAL DATA; ELECTRIC POTENTIAL

Numerical simulation of low-density plasma jet flowing from a cylindrical nozzle of electric jet propulsion

S70;S30

Morozov, A.V.; Kotel'nikov, M.V. (Moskovskij Aviatsionnyj Inst. (Natsional'nyj Issledovatel'skij Univ.), Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Chislennoe modelirovanie strui razrezhennoj plazmy, istekayushchej iz tsilindricheskogo sopla EhDR

p. 193

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA JETS; PLASMA ACCELERATION; PROPULSION; MAGNETIC FIELDS;
ELECTRIC FIELDS; ELECTRIC DISCHARGES; NOZZLES; BOLTZMANN-VLASOV
EQUATION; POISSON EQUATION; ELECTRON DENSITY; ION DENSITY;
DISTRIBUTION FUNCTIONS; VELOCITY; BOUNDARY-VALUE PROBLEMS;
COMPUTERIZED SIMULATION; THEORETICAL DATA

Physicochemical properties of electrolyte solution after treatment in underwater face discharge

S37

Silkin, S.V. (Inst. Khimii Rastvorov im. G.A. Krestova RAN, Ivanovo (RU)), e-mail: lak@isc-ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fiziko-khimicheskie svojstva rastvora ehlektrolita posle obrabotki v podvodnom tortsevom razryade

p. 194

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; AQUEOUS SOLUTIONS; SODIUM SULFATES; WATER TREATMENT; ELECTROLYTES; PH VALUE; ELECTROLYSIS; HYDROGEN PEROXIDE; EXPERIMENTAL DATA

The change of solution physicochemical properties under action of glow and underwater discharges

S37

Kuz'micheva, L.A.; Titova, Yu.V. (Inst. Khimii Rastvorov im. G.A. Krestova RAN, Ivanovo (RU)), e-mail: jvt@isc-ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmenenie fiziko-khimicheskikh kharakteristik rastvorov pod dejstviem tleyushchego i podvodnykh razryadov

p. 195

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; GLOW DISCHARGES; ELECTROLYTES; HYDROGEN PEROXIDE; PH VALUE; ELECTRIC CONDUCTIVITY; PRESSURE RANGE KILO PA; WATER TREATMENT; NITROGEN OXIDES; IODOMETRY; CHEMICAL REACTION KINETICS; EXPERIMENTAL DATA

Relaxation of spin polarization of electron gas in fully ionized plasma

S70

Fomin, I.V. (Moskovskij Fiziko-Tekhnicheskij Inst. - Gosudarstvennyj Univ., Dolgoprudnyj (RU)), e-mail: fominalsha@gmail.com; Sasorov, P.V. (Inst. Prikladnoj Matematiki im. M.V. Keldysha Rossijskoj Akademii Nauk, Moscow (RU)), e-mail: pavel.sasorov@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Relaksatsiya polarizatsii spina ehlektronnogo gaza v polnost'yu ionizovannoj plazme

p. 196

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; SPIN ORIENTATION; RELAXATION; ELECTRONS; IONIZATION;
ELECTRIC DISCHARGES; ELECTRON GAS; BOLTZMANN-VLASOV EQUATION;
ELECTRON DENSITY; COLLISION INTEGRALS; MOTT SCATTERING; SCATTERING
AMPLITUDES; ANALYTICAL SOLUTION; THEORETICAL DATA

Investigation of low-temperature plasma between movable electrodes

S70

Andreev, V.V.; Pichugin, Yu.P. (FGBOU VPO ChGU im. I.N. Ul'yanova, Cheboksary (RU)), e-mail: andreev_vsevolod@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie nizektemperaturnoj plazmy mezhdu podvizhnymi ehlektrodami

p. 197

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizektemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; PRESSURE RANGE KILO PA;
ELECTRODES; ELECTRIC CONDUCTIVITY; SPARK GAPS; OZONE; TIME
DEPENDENCE; SPATIAL DISTRIBUTION; EXPERIMENTAL DATA

Formation of virtual anode in nanosecond discharges with a hollow cathode

S70

Ashurbekov, N.A.; Iminov, K.O.; Shakhshinov, G.Sh.; Yusupova, G.M. (Dagestanskij

Gosudarstvennyj Univ., Makhachkala (RU), e-mail: iko6161@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Formirovanie virtual'nogo anoda v nanosekundnykh razryadakh s polym katodom

p. 198

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; PRESSURE RANGE KILO PA; HELIUM; ARGON; BREAKDOWN; HOLLOW CATHODES; LUMINOSITY; ELECTRIC CURRENTS; ELECTRIC FIELDS; ELECTRON DENSITY; ELECTRON DRIFT; MATHEMATICAL MODELS; DIAGRAMS; EXPERIMENTAL DATA; THEORETICAL DATA

Features of formation of nonstationary optical transmission spectra of inhomogeneous plasma of nanosecond discharges

S70

Ashurbekov, N.A.; Iminov, K.O.; Shakhshinov, G.Sh.; Ramazanov, A.R.; Yusupova, G.M. (Dagestanskij Gosudarstvennyj Univ., Makhachkala (RU)), e-mail: nashurb@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Osobennosti formirovaniya nestatsionarnykh opticheskikh spektrov propuskaniya neodnorodnoj plazmy nanosekundnykh razryadov

p. 199

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; INHOMOGENEOUS PLASMA; ELECTRIC DISCHARGES; PLASMA FILAMENT; OPACITY; SPATIAL DISTRIBUTION; VISIBLE SPECTRA; PRESSURE RANGE KILO PA; LASER RADIATION; MONOCHROMATORS; EXPERIMENTAL DATA

Memory effect of of discharge gap in nitrogen: dependence on pulse-to-pulse distance and pulse rise rate

S70

Shishpanov, A.I.; Meshchanov, A.V.; Kuchugura, M.D.; Ionikh, Yu.Z. (SPbGU, Sankt-Peterburg (RU)), e-mail: ionikh@paloma.spbu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Effekt pamyati razryadnogo promezhutka v azote: zavisimost' velichiny ehffekta ot rasstoyaniya mezhdu impul'sami i krutizny rosta napryazheniya

p. 200

(RU)

1 ref., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; PULSE RISE TIME; PULSES; BREAKDOWN; TIME DEPENDENCE; PRESSURE RANGE PA; IONIZATION; DIAGRAMS; EXPERIMENTAL DATA

Self-organising of plasma jets in toroidal monovortex

S70

Kamrukov, A.S.; Kozlov, N.P. (NII Ehnergeticheskogo Mashinostroeniya MGTU im. N.Eh. Baumana, Moscow (RU)), e-mail: kamrukov@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Samoorganizatsiya kollektiva plazmennyykh struj v toroidal'nyj monovikhr'

p. 201

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA JETS; PLASMA ACCELERATION; VORTICES; ELECTRIC DISCHARGES;
PLASMA PRODUCTION; TURBULENT FLOW; ALUMINIUM; VAPORS; ENERGY
CONVERSION; EFFICIENCY; VISIBLE RADIATION; AIR; FEASIBILITY STUDIES;
EXPERIMENTAL DATA

Effect of particulate size and temperature on ionization degree of equilibrium dusty plasma

S70

*Fajrushin, I.I. (Kazanskij Federal'nyj Univ., Kazan' (RU)), e-mail: fairushin_ilmaz@mail.ru;
Dautov, G.Yu. (Kazanskij Natsional'nyj Issledovatel'skij Tekhnicheskij Univ., Kazan' (RU))*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie razmerov makrochastits i temperatury na stepen' ionizatsii ravnovesnoj pylevoj plazmy

p. 202

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

EQUILIBRIUM PLASMA; DUSTS; PARTICLE SIZE; PARTICULATES; IONIZATION;
ELECTRON DENSITY; ION DENSITY; ANALYTICAL SOLUTION; THEORETICAL
DATA

Diagnostics of dynamics of pulsed discharges of magnetron type

S70

Kaziev, A.V.; Khodachenko, G.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: avkaziev@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Diagnostika dinamiki razvitiya impul'snykh razryadov magnetronnogo tipa

p. 203

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRIC DISCHARGES; MAGNETRONS; CROSSED FIELDS; ELECTRIC FIELDS; MAGNETIC FIELDS; PRESSURE RANGE PA; PLASMA DIAGNOSTICS; EMISSION SPECTROSCOPY; OPTICAL EQUIPMENT; OSCILLATORS; LUMINOSITY; EXPERIMENTAL DATA

Study of spectral characteristics of dense plasma produced by electrical explosion of conductors

S70

Popova, S.Yu. (NIIPA, Dubna (RU)), e-mail: svetlana.popova@niipa.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie spektral'nykh kharakteristik plotnoj plazmy, poluchaemoj pri ehlektricheskom vzryve provodnikov

p. 204

(RU)

2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA DENSITY; PLASMA; PLASMA PRODUCTION; EXPLOSIONS; EXPLODING WIRES; PLASMA DIAGNOSTICS; EMISSION SPECTROSCOPY; FLOWSHEETS; EMISSION SPECTRA; EXPERIMENTAL DATA

Electron distribution function and recombination coefficient in ultracold plasma in magnetic field

S70

Bobrov, A.A.; Bronin, S.Ya.; Zelener, B.B.; Zelener, B.V.; Khikhlukha, D.R. (Ob"edinennyj Inst. Vysokikh Temperatur, Moscow (RU)); Manykin, Eh.A. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Funktsiya raspredeleniya ehlektronov i koehffitsient rekombinatsii v ul'trakholodnoj plazme v magnitnom pole

p. 205

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; DISTRIBUTION FUNCTIONS; ELECTRONS; RECOMBINATION; MAGNETIC FIELDS; INDUCTION; ELECTRON-ELECTRON COLLISIONS; VELOCITY; THEORETICAL DATA

Non-quasi neutral relativistic current filaments as source of gamma-ray flashes from lightning channel

S70

Gordeev, A.V. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail:

gordeev@dap.kiae.ru; Loseva, T.V. (Inst. Dinamiki Geosfer RAN, Moscow (RU)), e-mail: losseva@idg.chph.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nekvazinejtral'nye relyativistskie tokovyje filamenti kak istochnik vspyshek gamma-izlucheniya iz kanala molnii

p. 206

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LIGHTNING; PLASMA FILAMENT; ELECTRIC CURRENTS; GAMMA RADIATION; KEV RANGE 100-1000; ELECTRON DRIFT; CROSSED FIELDS; ELECTRIC FIELDS; MAGNETIC FIELDS; COMPUTERIZED SIMULATION

Is the Universe really locked up in gravitational cavity?

S79

Gordeev, A.V. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: gordeev@dap.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Zakhvachena li Vseleonnaya v gravitatsionnuyu kavernu?

p. 207

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ORIGIN; COSMOLOGY; UNIVERSE; GRAVITATIONAL COLLAPSE; QUANTUM ELECTRODYNAMICS; ELECTROMAGNETIC FIELDS; ANALYTICAL SOLUTION; THEORETICAL DATA

Transverse wave with trapped electrons in nonmagnetized plasma

S70

Matveev, A.I. (Yuzhnyj Federal'nyj Univ., Tekhnologicheskij Inst., Taganrog (RU)), e-mail: ya.matveev.alexandr@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Poperechnaya volna s zakhvachennymi ehlektronami v nezamagnichennoj plazme

p. 208

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

EQUILIBRIUM PLASMA; WAVE PROPAGATION; TRAPPED ELECTRONS; PHASE VELOCITY; MAGNETIC FIELDS; INDUCTION; ANALYTICAL SOLUTION; THEORETICAL DATA

Research of influence of plasma treatment on degree of whiteness of woolen fibers during their primary processing

S36

Abdullin, I.Sh.; Khammatova, V.V.; Slepneva, E.V. (FGBOU VPO KNITU, Kazan' (RU)), e-mail: elenaslep@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie vliyaniya plazmennoj obrabotki na stepen' belizny sherstyanykh volokon v protsesse ikh pervichnoj obrabotki

p. 209

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SURFACE TREATMENTS; WOOL; FIBERS; COLD PLASMA; HIGH-FREQUENCY DISCHARGES; EFFICIENCY; ADSORPTION; EXPERIMENTAL DATA

Investigation of influence of high-frequency capacitive discharge plasma cleaning on characteristics of cutting tools made from cold work steel

S36

Abdullin, I.Sh.; Vasil'ev, I.I. (Kazanskij Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ., Kazan' (RU)), e-mail: ilham.v@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie vliyaniya ochistki plazmoj VCh emkostnogo razryada na kharakteristiki rezhushchikh instrumentov iz neteplostojkikh stalej

p. 210

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SURFACE TREATMENTS; CUTTING TOOLS; COLD PLASMA; ELECTRIC DISCHARGES; ROUGHNESS; MICROHARDNESS; WEAR RESISTANCE; CARBON STEELS; PRESSURE RANGE PA; PRESSURE DEPENDENCE; ARGON; DIAGRAMS; EXPERIMENTAL DATA; CLEANING; COATINGS; EFFICIENCY

About possibility of application of nonequilibrium cold plasma for knitted cloth dyeing

S36

Abdullin, I.Sh.; Nurullina, G.N.; Azanova, A.A. (Kazanskiy Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ., Kazan' (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O vozmozhnosti primeneniya neravnovesnoj nizkotemperaturnoj plazmy v protsessakh krasheniya trikotazhnykh poloten

p. 211

(RU)

1 tab.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COTTON; FIBERS; SURFACE TREATMENTS; DYES; COLD PLASMA; PERFORMANCE; EFFICIENCY; EXPERIMENTAL DATA

Ratio of ionization energy to heat energy of multiple ionized plasma

S70

Yusupaliev, U.; Shuteev, S.A.; Elenskij, V.G.; Yusupaliev, P.U. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail: www@phys.msu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Sootnoshenie mezhdud ehnergiej ionizatsii i teplovoj ehnergiej plazmy pri mnogokratnoj ee ionizatsii

p. 212

(RU)

4 refs., 1 tab.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; IONIZATION; HELIUM; NEON; ARGON; KRYPTON; XENON; AIR; CARBON;
IRON; TEMPERATURE RANGE OVER 4000 K; TEMPERATURE DEPENDENCE;
IONIZATION POTENTIAL; THERMODYNAMIC PROPERTIES; EXPERIMENTAL DATA

Anisotropy of aerosole (colloid) particle diffusion in swirl flows of plasma/gas (fluids)

S70

Yusupaliev, U.; Shuteev, S.A.; Maslov, A.K.; Elenskij, V.G.; Yusupaliev, P.U. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail: www@phys.msu.ru; Vinke, E.Eh. (RGU Nefti i Gaza imeni I.M. Gubkina, Moscow (RU)), e-mail: com@gubkin.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Anizotropiya diffuzii aehrozol'nykh (kolloidnykh) chastits v zakruchennykh potokakh plazmy/gaza (zhidkosti)

p. 213

(RU)

3 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; VORTEX FLOW; THERMAL CONDUCTIVITY; AIR; WATER; COLLOIDS;
DIFFUSION; ANISOTROPY; ANGULAR VELOCITY; PARTICLE SIZE; CORIOLIS
FORCE; COMPUTERIZED SIMULATION; THEORETICAL DATA

About electron drift in gas in spatially inhomogeneous periodic electric field

S70

Golyatina, R.I.; Majorov, S.A. (Inst. Obshchej Fiziki RAN, Moscow (RU)), e-mail: mayorov_sa@mail.ru; Kodanova, S.K.; Ramazanov, T.S. (NIIEhTF, KazNU im. Al'-Farabi,

Almaty (KZ)), e-mail: kodanova@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O drejfe ehlektronov v gaze v prostranstvenno neodnorodnom periodicheskom ehlektricheskom pole

p. 214

(RU)

2 refs., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTRON DRIFT; ELECTRIC FIELDS; DISTRIBUTION FUNCTIONS; MONTE CARLO METHOD; IONIZATION; NEON; TEMPERATURE RANGE 0273-0400 K; JOULE HEATING; ELECTRON-ATOM COLLISIONS; DISPERSION RELATIONS; THEORETICAL DATA

On distribution functions of free and bound electrons in the equilibrium Coulomb system

S70

Majorov, S.A. (Inst. Obshchej Fiziki RAN, Moscow (RU)), e-mail: mayorov_sa@mail.ru;

Khomkin, A.L. (OIVTRAN, Moscow, (RU)), e-mail: alhomkin@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O funktsiyakh raspredeleniya svobodnykh i svyazannykh ehlektronov v ravnovesnoj kulonovskoj sisteme

p. 215

(RU)

2 refs., 2 figs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9
Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.
PLASMA; ELECTRONS; DISTRIBUTION FUNCTIONS; BOUND STATE; KINETIC ENERGY; COULOMB FIELD; MOLECULAR DYNAMICS METHOD; DIAGRAMS; THEORETICAL DATA

Anomalous interaction electromagnetic radiation with cold plasma

S70

Kozlov, I.P. (FGUP TsNIImash, Korolev (RU)), e-mail: ikozlov43@yandex.ru; Vasil'ev, I.S. (Moskovskij Gosudarstvennyj Univ. Lesa, Mytishchi-5, Moskovskaya Obl. (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Anomal'noe vzaimodejstvie ehlektromagnitnogo izlucheniya s kholodnoj plazmoj

p. 216

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ELECTROMAGNETIC RADIATION; WAVE PROPAGATION; FINITE DIFFERENCE METHOD; PLASMA DENSITY; PLASMA DIAGNOSTICS; ELECTRIC FIELDS; ANALYTICAL SOLUTION; THEORETICAL DATA

Generation of a laser-produced plasma ion flow in microwave cavity

S70

Medvedev, A.Eh.; Grachev, G.N. (Inst. Lazernoj Fiziki SO RAN, Novosibirsk (RU)), e-mail: medvedev@laser.nsc.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Poluchenie potoka ionov lazernoj plazmy v SVCh rezonatore

p. 219

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-PRODUCED PLASMA; MAGNETRONS; RESONATORS; KHZ RANGE 01-100;
SURFACE TREATMENTS; ELECTRIC FIELDS; POWER RANGE 01-10 KW; IONS; ION
DRIFT; ELECTRIC CURRENTS; EXPERIMENTAL DATA

Generation of terahertz radiation by laser action on dense hot plasma

S70

Uryupin, S.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail:

uryupin@sci.lebedev.ru; Frolov, A.A. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: frolov@ihed.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Generatsiya teragertsovogo izlucheniya pri lazernom vozdejstvii na plotnyyu goryachuyu plazmu
p. 220

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HOT PLASMA; ELECTRON TEMPERATURE; LASER RADIATION; THZ RANGE; SKIN
EFFECT; FOCUSING; THEORETICAL DATA

Implementation of the plasma-optical mass separation

S70

Bardakov, V.M. (Irkutskij Gosudarstvennyj Univ. Putej Soobshcheniya, Irkutsk (RU)), e-mail: vmbardakov38@mail.ru; Strokin, N.A. (NI Irkutskij Gosudarstvennyj Tekhnicheskij Univ., Irkutsk (RU)), e-mail: strokin85@inbox.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

K voprosu o realizatsii plazmoopticheskoy mass-separatsii

p. 221

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MULTI-ELEMENT SEPARATION; ELECTROSTATIC SEPARATION; ICP MASS SPECTROSCOPY; PLASMA; ELECTRIC FIELDS; ELECTROSTATICS; FOCUSING; TRAJECTORIES; IONS; FEASIBILITY STUDIES; THEORETICAL DATA

High-power, long-duration pulsed electron beam source with plasma emitter for injection into linear plasma systems

S43;S70

Kandaurov, I.V.; Avrorov, A.P.; Astrelin, V.T. (Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU)), e-mail: I.V.Kandaurov@inp.nsk.su (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Istochnik moshchnogo dlinnoimpul'snogo ehlektronnogo puchka s plazmennym ehmitterom dlya inzhetskii v linejnye plazmennye sistemy

p. 222

(RU)

4 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM-PLASMA SYSTEMS; ELECTRON BEAMS; THERMIONIC EMITTERS;
THERMIONIC DIODES; BEAM PRODUCTION; ELECTRON BEAM INJECTION;
MAGNETIC COMPRESSION; BEAM TRANSPORT; BEAM INJECTION HEATING; GOL-3
DEVICE; EXPERIMENTAL DATA

Mechanism of chemi-ionization and the reasons of onset of blue color chemiluminescence under inflammation of methane-oxygen mixture

S37

*Kossyj, I.A. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail:
kossyi@fpl.gpi.ru; Popov, N.A. (NII Yadernoj Fiziki im. D.V. Skobel'tsyna MGU, Moscow (RU)),
e-mail: NPopov@mics.msu.su; Filimonova, E.A. (Ob''edinennyj Inst. Vysokikh Temperatur RAN,
Moscow (RU)), e-mail: helfil@mail.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Mekhanizm khemi-ionizatsii i prichiny voznikoveniya golubogo svecheniya pri vosplamenenii
metan-kislородnoj smesi

p. 223

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob''edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

IGNITION; FLAMES; BINARY MIXTURES; OXYGEN; METHANE; IONIZATION;
LUMINOSITY; PLASMA; ELECTRIC DISCHARGES; LASER-PRODUCED PLASMA;
ELECTRON DENSITY; ELECTRON-MOLECULE COLLISIONS;
CHEMILUMINESCENCE; FORMALDEHYDE; EXPERIMENTAL DATA

Plasma maser spectrum control in frequency-periodic regime

S70

Ul'yanov, D.K.; Loza, O.T. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Obshchej Fiziki im.

A.M. Prokhorova, Moscow (RU)), e-mail: ulyanov@fpl.gpi.ru; Baranov, R.V. (Rossijskij Univ. Druzhy Narodov, Moscow (RU)); Andreev, S.E. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. Radiotekhniki, Ehlektroniki i Avtomatiki, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Upravlenie spektrom plazmennogo SVCh-generatora v chastotno-periodicheskom rezhime

p. 224

(RU)

4 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MASERS; PLASMA; ELECTRON BEAMS; OSCILLATION MODES; MODE CONTROL; GHZ RANGE 01-100; DIAGRAMS; EXPERIMENTAL DATA

The source of power microwave nanosecond pulses with the continuous radiation frequency tuning

S70

Ernyleva, S.E.; Litvin, V.O.; Loza, O.T. (Rossijskij Univ. Druzhy Narodov, Moscow (RU)), e-mail: ersvev@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Istochnik moshchnykh SVCh-impul'sov nanosekundnoj dlitel'nosti s nepreryvnoj perestrojkoj chastoty izlucheniya

p. 225

(RU)

4 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MICROWAVE AMPLIFIERS; PLASMA; PLASMA DENSITY; FREQUENCY SELECTION; MODE SELECTION; ELECTRON BEAMS; BEAM-PLASMA SYSTEMS; GHZ RANGE 01-100; EFFICIENCY; POWER RANGE 100-1000 MW; KEV RANGE 100-1000; KILO AMP BEAM CURRENTS; AMPLIFICATION; K CODES; PLASMA WAVES; DIAGRAMS; COMPUTERIZED SIMULATION; THEORETICAL DATA

Active particle creation by self-supporting spark discharge in air

S37

Ivanova, I.P.; Trofimova, S.V. (Nizhegorodskaya Gosudarstvennaya Meditsinskaya Akademiya, Nizhnij Novgorod (RU)), e-mail: ivanova.ip@mail.ru; Piskarev, I.M. (Nauchno-Issledovatel'skij Inst. Yadernoj Fiziki imeni D.V. Skobel'tsyna, MGU imeni M.V. Lomonosova, Moscow (RU)), e-mail: i.m.piskarev@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Образование активныkh chastits pri samostoyatel'nom iskrovom razryade na vozdukh

p. 226

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC SPARKS; SPARK GAPS; AIR; PLASMA; PLASMA FILAMENT; CHEMICAL RADIATION EFFECTS; ULTRAVIOLET RADIATION; CHEMICAL REACTION YIELD; NITROSAMINES; HYDROCARBONS; RADICALS; CHEMICAL REACTION KINETICS; STERILIZATION; EXPERIMENTAL DATA

Change of properties of SiC/metal bilayer in Xe⁺⁺ flow

S36

Zmievszkaya, G.I.; Bondareva, A.L. (FGBUN Inst. Prikladnoj Matematiki im. M.V. Keldysha, Moscow (RU)), e-mail: zmig@mail.ru, bal310775@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Izmenenie svojstv bisloya SiC/metall v potoke Xe⁺

p. 227

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SILICON CARBIDES; XENON IONS; PLASMA; PHYSICAL RADIATION EFFECTS;
MOLECULAR DYNAMICS METHOD; CRYSTAL-PHASE TRANSFORMATIONS;
NUCLEATION; VACANCIES; DISTRIBUTION FUNCTIONS; ROUGHNESS; PORE
STRUCTURE; BLISTERS; THEORETICAL DATA

Mechanism of of the intensification of combustible mixture ignition by pulsed high-current discharges

S37

Popov, N.A. (NII Yadernoj Fiziki im. D.V. Skobel'tsyna, MGU im. M.V. Lomonosova, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Mekhanizm intensifikatsii vosplameneniya goryuchikh smesej impul'snymi sil'notochnymi razryadami

p. 228

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; IGNITION; AIR; OXYGEN; DISSOCIATION;
FLAMMABILITY; PLASMA; EFFICIENCY; EXPERIMENTAL DATA

Structure and some properties of the dust particles of the plasma arc discharge
S36

Smolanov, N.A.; Pan'kin, N.A.; Batin, V.V.; Pavkin, E.P. (Mordovskij Gosudarstvennyj Univ. imeni N.P. Ogareva, Saransk (RU)), e-mail: smolanovna@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Struktura i nekotorye svojstva pylevykh chastits iz plazmy dugovogo razryada

p. 229

(RU)

6 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THIN FILMS; ELECTRIC ARCS; TITANIUM CARBIDES; TITANIUM NITRIDES;
MICROSTRUCTURE; QUANTITATIVE CHEMICAL ANALYSIS; POWDERS;
NANOSTRUCTURES; PLASMA ARC SPRAYING; ELECTRIC FIELDS; MAGNETIC
FIELDS; EXPERIMENTAL DATA

Mathematical model of interaction of microwave induction discharge plasma of the low pressure with silver nanoparticles
S36

S36

Borodaev, I.A.; Zheltukhin, V.S. (KFU, Kazan' (RU)), e-mail: igor-borodaev@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Matematicheskaya model' vzaimodejstviya plazmy VChI razryada ponizhennogo davleniya s nanochastitsami serebra

p. 230

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NANOPARTICLES; NANOTECHNOLOGY; NANOFUIDICS; SILVER; PLASMA;
MOLECULAR DYNAMICS METHOD; ELECTRONS; SILVER IONS; TRAJECTORIES;
ELECTRIC DISCHARGES; EV RANGE 01-10; COMPUTERIZED SIMULATION;
THEORETICAL DATA

Mathematical model of interaction of RF low-pressure plasma with nonwoven materials

S36

Zheltukhin, V.S.; Borodaev, I.A. (KFU, Kazan' (RU)), e-mail: Igor-borodaev@yandex.ru;

Dzhanbekova, L.R. (KNITU, Kazan' (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Matematicheskaya model' vzaimodejstviya VChE plazmy ponizhennogo davleniya s netkanymi materialami

p. 231

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SURFACE TREATMENTS; SURFACE PROPERTIES; PLASMA; HIGH-FREQUENCY DISCHARGES; LEATHER; PAPER; ELECTRIC POTENTIAL; ELECTRIC CHARGES; SPATIAL DISTRIBUTION; DEPTH; MONTE CARLO METHOD; TRAJECTORIES; ELECTRONS; DIAGRAMS; MATHEMATICAL MODELS; THEORETICAL DATA

Spectral characteristics of spark discharge in argon in external magnetic field
S70

Omarov, O.A.; Kurbanismailov, V.S.; Ragimkhanov, G.B.; Gadzhiev, M.Kh.; Arslanbekov, M.A. (Dagestanskij Gosudarstvennyj Univ., Makhachkala (RU)), e-mail: vali_60@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Spektral'nye kharakteristiki iskrovogo razryada v argone vo vneshnem magnitnom pole

p. 232

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC SPARKS; OVERVOLTAGE; ARGON; PLASMA; PLASMA FILAMENT;
BRIGHTNESS; LINE BROADENING; EMISSIVITY; MAGNETIC FIELDS; VISIBLE
SPECTRA; ULTRAVIOLET SPECTRA; ELECTRON DENSITY; EXPERIMENTAL DATA

Spectral characteristics of spark discharge in magnetic field

S70

Al'-Kharetkhi, F.M.A.; Omarov, O.A.; Omarova, N.O.; Omarova, P.Kh.; Ramazanova, A.A. (DGU, Makhachkala (RU)), e-mail: omarovapatimat@lenta.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Spektral'nye kharakteristiki iskrovogo razryada v magnitnom pole

p. 233

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and

controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC SPARKS; PLASMA; PLASMA FILAMENT; BRIGHTNESS; ARGON;
MAGNETIC FIELDS; IONIZATION; PLASMA DENSITY; ELECTRON DENSITY;
EXPERIMENTAL DATA

Electromagnetic waves of coaxial waveguide with anisotropic plasma

S70

*Kuzelev, M.V.; Khapaeva, E.A. (MGU im. M.V. Lomonosova, Moscow (RU)), e-mail:
kuzelev@mail.ru, e_khapaeva@mail.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Ehlektronnym volny koaksial'nogo plazmennogo anizotropnogo volnovoda

p. 234

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; DISPERSION RELATIONS; PLASMA WAVES; WAVEGUIDES; MAGNETIC
FIELD CONFIGURATIONS; MAGNETIC FIELDS; PERMITTIVITY; DIELECTRIC
TENSOR; ANALYTICAL SOLUTION; THEORETICAL DATA

About some possibilities of arc discharge study by means of infra-red image recording

S70

German, V.O.; Glinov, A.P.; Golovin, A.P.; Kozlov, P.V.; Lyubimov, G.A. (NII Mekhaniki MGU, Moscow (RU)), e-mail: krestytroitsk@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O nekotorykh vozmozhnastyakh issledovaniya protsessov v dugovom razryade s pomoshch'yu registratsii izobrazhenij v infrakrasnom diapazone dlin voln

p. 235

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; PLASMA DIAGNOSTICS; INFRARED THERMOGRAPHY; PHOTOGRAPHY;
ELECTRIC DISCHARGES

The formation of air flow by electric field with electrically charged microdroplets (ECM). (A possible direction in evolution of aerospace engineering)

S42

Luk'yanchikov, G.S.; Khaziev, T.R. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: genluk1@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Sozдание vozduzhnykh potokov ehlektricheskim polem s ispol'zovaniem ehlektricheski zaryazhennykh mikrokapelek (EhZM) (vozmozhnoe napravlenie v ehvolyutsii aehrokosmicheskoy tekhniki)

p. 236

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THRUSTERS; PROPULSION SYSTEMS; DIRECT ENERGY CONVERSION; AIR FLOW; ELECTRIC POTENTIAL; ELECTROHYDRODYNAMICS; ELECTRIC FIELDS; CORONA DISCHARGES; DROPLETS; WATER; ALCOHOLS; ELECTRODES; BENCH-SCALE EXPERIMENTS; FEASIBILITY STUDIES; EXPERIMENTAL DATA

Electron energy spectra for xenon determination in micro-plasma CES detector with helium buffer

S37

Mustafaev, A.S.; Tsyganov, A.B. (Natsional'nyj Mineral'no-Syr'evoj Univ. Gornyj, Sankt-Peterburg (RU)), e-mail: alexbt@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Spektry ehnergii ehlektronov pri opredelenii ksenona v mikroplazmennom detektore CES s geliyevym buferom

p. 237

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GAS CHROMATOGRAPHY; GAS ANALYSIS; QUANTITATIVE CHEMICAL ANALYSIS; ELECTRON SPECTROSCOPY; ENERGY SPECTRA; HELIUM; XENON; ATOM-ATOM COLLISIONS; ELECTRON-ATOM COLLISIONS; PENNING DISCHARGES; PLASMA; IONIZATION; PRESSURE RANGE KILO PA; DIAGRAMS; EXPERIMENTAL DATA

Space charge compensation of ion bunch at passing through the plasma layer

S43;S70

Krasovitskij, V.B. (Inst. Prikladnoj Matematiki im. M.V. Keldysha RAN, Moscow (RU)), e-mail: krasovit@mail.ru; Turikov, V.A. (Rossijskij Univ. Druzhby Narodov, Moscow (RU)), e-mail: vturikov@yandex.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kompensatsiya ob"emnogo zaryada ionnogo sgustka pri prokhozhenii cherez plazmennyj sloj

p. 238

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM-PLASMA SYSTEMS; PLASMA; ION BEAMS; BEAM BUNCHING; ELECTRON CAPTURE; SPACE CHARGE; BEAM NEUTRALIZATION; ONE-DIMENSIONAL CALCULATIONS; PLASMA INSTABILITY; VELOCITY; THICKNESS; ELECTRON BEAMS; THEORETICAL DATA

Analysis of capture efficiency, acceleration and confinement of plasma electrons under gyromagnetic autoresonance

S70

Andreev, V.V.; Novitskij, A.A.; Umnov, A.M.; Chuprov, D.V. (RUDN, Kafedra Eksperimental'noj Fiziki, Moscow (RU)), e-mail: chu_d@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Analiz ehffektivnosti zakhvata, uskoreniya i uderzhaniya ehlektronov plazmy pri giromagnitnom avtorezonanse

p. 239

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; ECR HEATING; ELECTRON CAPTURE; PLASMA SIMULATION; GYROMAGNETIC RATIO; PLASMA DENSITY; MAGNETIC FIELDS; ACCELERATION;

Effect of longitudinal electric field on stabilization of ignition of high-speed air-propane mixture

S37

Alekseev, A.I.; Bychkov, V.L.; Chernikov, V.A. (Moskovskij Gosudarstvennyj Univ. imeni M.V. Lomonosova, Fizicheskij Fakul'tet, Moscow (RU)), e-mail: vachernikov@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie prodol'nogo ehlektricheskogo polya na stabilizatsiyu vosplamneniya skorostnoj vozdušno-propanovoj smesi

p. 240

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

IGNITION; COMBUSTION; ELECTRIC DISCHARGES; BINARY MIXTURES; PROPANE; AIR; ELECTRIC FIELDS; ELECTRIC CURRENTS; PLASMA; LUMINOSITY; STABILIZATION; CHEMICAL REACTION KINETICS; IONIZATION; EXCITATION; COMPUTERIZED SIMULATION; DIAGRAMS; THEORETICAL DATA; EXPERIMENTAL DATA

Low-power microwave discharge in high-speed air and air-propane mixture flows

S37

Egorov, Yu.M.; Baurov, A.Yu.; Li Dachuan'; Ulitin, E.A.; Chernikov, V.A. (Moskovskij Gosudarstvennyj Univ. imeni M.V. Lomonosova, Fizicheskij Fakul'tet, Moscow (RU)), e-mail: vachernikov@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Malomoshchnyj SVCh razryad v vysokoskorostnykh potokakh vozdukhha i vozdušno-propanovoj smesi

p. 241

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HIGH-FREQUENCY DISCHARGES; AIR; PROPANE; BINARY MIXTURES;
AERODYNAMICS; PLASMA; IGNITION; COMBUSTION; SUPERSONIC FLOW;
LUMINOSITY; DIAGRAMS; EXPERIMENTAL DATA

High-speed registration of radiation during the formation of pulsed space discharge

S70

Arkhipov, N.O.; Znamenskaya, I.A.; Mursenkova, I.V.; Naumov, D.S.; Ostapenko, I.Yu. (Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Fizicheskij Fakul'tet, Moscow (RU)), e-mail: murs_i@physics.msu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vysokoskorostnaya registratsiya izlucheniya pri formirovanii impul'snogo ob"emnogo razryada

p. 242

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NON-EQUILIBRIUM PLASMA; AERODYNAMICS; SPACE CHARGE; AIR; SHOCK TUBES; ELECTRIC DISCHARGES; PRESSURE RANGE KILO PA; PRESSURE

DEPENDENCE; LUMINOSITY; AFTERGLOW; IONIZATION; ULTRAVIOLET RADIATION; SPATIAL DISTRIBUTION; TIME DEPENDENCE; PLASMA DIAGNOSTICS; ULTRAHIGH-SPEED PHOTOGRAPHY; EXPERIMENTAL DATA

Radiation reflection by instable plasma

S70

Vagin, K.Yu.; Uryupin, S.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: vagin@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Otrazhenie izlucheniya neustojchivoj plazmoj

p. 243

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-PRODUCED PLASMA; IONIZATION; PLASMA INSTABILITY; REFLECTION; ANISOTROPY; DISTRIBUTION FUNCTIONS; KINETIC EQUATIONS; ELECTRIC FIELDS; ANALYTICAL SOLUTION; DIAGRAMS; THEORETICAL DATA

About generation of quasi-stationary magnetic field under exposure to short laser pulse on plasma

S70

Grishkov, V.E.; Uryupin, S.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: uryupin@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

O generatsii kvazistatsionarnogo magnitnogo polya pri vozdejstvii korotkogo lazernogo impul'sa na plazmu

p. 244

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; LASER RADIATION; MAGNETIC FIELDS; EDDY CURRENTS; ELECTRON-ELECTRON COLLISIONS; ELECTROMAGNETIC PULSES; KINETIC EQUATIONS; INTEGRO-DIFFERENTIAL EQUATIONS; CURRENT DENSITY; DISTRIBUTION FUNCTIONS; MEAN FREE PATH; THEORETICAL DATA

Weibel instability in field of laser pulse

S70

Grishkov, V.E.; Uryupin, S.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: uryupin@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vejbelevskaya neustojchivost' v pole lazernogo impul'sa

p. 245

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA INSTABILITY; PLASMA; LASER RADIATION; ELECTROMAGNETIC PULSES; MAGNETIC FIELDS; AMPLITUDES; BOLTZMANN STATISTICS; DISTRIBUTION FUNCTIONS; ELECTRON-ELECTRON COLLISIONS; ANISOTROPY; TIME DEPENDENCE; ANALYTICAL SOLUTION; DIAGRAMS; THEORETICAL DATA

The kinetic of organic dyes destruction under action of underwater discharges

S37

Khlyustova, A.V.; Subbotkina, I.N. (GBUN Inst. Khimii Rastvorov RAN im. G.A. Krestova, Ivanovo (RU)), e-mail: is@pusk.by

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kinetika destruktzii organicheskikh krasitelej pod dejstviem podvodnykh razryadov

p. 246

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; RHODAMINES; AQUEOUS SOLUTIONS; DECOMPOSITION; CHEMICAL REACTION KINETICS; ELECTROLYTES; OZONE; WASTE WATER; WATER TREATMENT; BLEACHING; SODIUM CHLORIDES; HYDROCHLORIC ACID; SODIUM HYDROXIDES; EFFICIENCY; OPACITY; EXPERIMENTAL DATA

Acetylene ignition under action of high-voltage nanosecond discharge

S37

Aleksandrov, N.L.; Kindysheva, S.V.; Kosarev, I.N.; Pakhomov, A.I. (MFTI, Dolgoprudnyj (RU)), e-mail: nick_aleksandrov@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vosplamenenie atsetilena pod dejstviem vysokovol'tnogo nanosekundnogo razryada

p. 247

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ACETYLENE; ELECTRIC DISCHARGES; IGNITION; COMBUSTION; SHOCK TUBES;
BINARY MIXTURES; ARGON; NON-EQUILIBRIUM PLASMA; TIME DELAY;
ELECTRIC FIELDS; CHEMICAL REACTION KINETICS; SIMULATION;
EXPERIMENTAL DATA; THEORETICAL DATA

Spatial structure of high-frequency field in low-pressure capacitance discharge **S70**

*Dvinin, S.A.; Mikheev, V.V. (MGU im. M.V. Lomonosova, Fizicheskij Fakul'tet, Moscow (RU)),
e-mail: s_dvinin@mail.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Prostranstvennaya struktura VCh polya v emkostnom razryade nizkogo davleniya

p. 248

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HIGH-FREQUENCY DISCHARGES; PRESSURE RANGE KILO PA; PLASMA;
PENETRATION DEPTH; ELECTROMAGNETIC FIELDS; PLASMA SURFACE WAVES;
WAVE PROPAGATION; ELECTRIC IMPEDANCE; CAPACITANCE; ELECTRON
DENSITY; THEORETICAL DATA

Analytical estimation of local parameters of concentrated energy flux in a dense gas medium

S43;S70

*Rizakhanov, R.N.; Barmin, A.A. (GNTs FGUP Tsentr Keldysha, Moscow (RU)), e-mail:
nanocentre@kerc.msk.ru; Rudshitejn, R.I. (GNTs FGUP Tsentr Keldysha, Moscow (RU));
MIEhM NIU VShEh, Moscow (RU)), e-mail: netronix2@yandex.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Analiticheskaya otsenka lokal'nykh parametrov kontsentrirrovannogo potoka ehnergii v plotnoj

gazovoj srede

p. 249

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BEAM-PLASMA SYSTEMS; ELECTRON BEAMS; SECONDARY BEAMS; ACCELERATION; ELECTRON DENSITY; TIME DEPENDENCE; TRANSMISSION; AIR; ANALYTICAL SOLUTION; DIAGRAMS; THEORETICAL DATA

Influence of electrode system on radiative characteristics of a vacuum spark S70

Alkhimova, M.A.; Bashutin, O.A.; Vovchenko, E.D.; Dodulad, Eh.I.; Savelov, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: savjолоv@plasma.mephi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie ehlektrodnoj sistemy na izluchatel'nye kharakteristiki vakuumnoj iskry

p. 250

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC SPARKS; ELECTRODES; PINCH EFFECT; PLASMA; CONFIGURATION; EMISSION; EXPERIMENTAL DATA

Photooxidative degradation of EDTA in aqueous solutions by pulsed UF radiation with continuous spectra

S37

Kamrukov, A.S.; Kozlov, N.P.; Novikov, D.O.; Yalovik, M.S. (NII Ehnergeticheskogo Mashinostroeniya MGTU im. N.Eh. Baumana, Moscow (RU)), e-mail: zerooo@list.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fotookislitel'naya destruktziya EhDTA v vodnykh rastvorakh impul'snym UF izlucheniem sploshnogo spektra

p. 251

(RU)

1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

EDTA; RADIOLYSIS; ULTRAVIOLET RADIATION; OXIDATION; AQUEOUS SOLUTIONS; CHROMATOGRAPHY; GAS DISCHARGE TUBES; XENON; EFFICIENCY; DIAGRAMS; EXPERIMENTAL DATA

Role of surface waves in high-frequency breakdown in cylindrical channels

S70

Minaev, I.M.; Rukhadze, A.A.; Kuz'min, G.P.; Konovalov, V.N. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: rukh@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Rol' poverkhnostnykh voln pri VCh proboe gaza v tsilindricheskikh kanalakh

p. 252

(RU)

1 ref.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

BREAKDOWN; HIGH-FREQUENCY DISCHARGES; PLASMA SURFACE WAVES; SPARK GAPS; PLASMA FILAMENT; ANTENNAS; PLASMA; EXCITATION SYSTEMS; THEORETICAL DATA

Optical method of investigation of high-frequency discharge in low-pressure gas S70

Konovalov, V.N. (MIREhA, Moscow (RU)); Kuz'min, G.P.; Minaev, I.M.; Tikhonovich, O.V.

(Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: kuzmin@kapella.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Opticheskij sposob issledovaniya VCh razryada v gaze ponizhennogo davleniya

p. 253

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HIGH-FREQUENCY DISCHARGES; ANTENNAS; PLASMA; PLASMA FILAMENT; SPATIAL DISTRIBUTION; PLASMA DIAGNOSTICS; LUMINOSITY; ELECTRON DENSITY; MHZ RANGE 100-1000; FREQUENCY DEPENDENCE; DIAGRAMS; EXPERIMENTAL DATA

Mathematical simulation of inductive high-frequency low-pressure discharge by means of the KARAT code

S70

Aleksandrov, A.F.; Vavilin, K.V.; Kral'kina, E.A.; Neklyudova, P.A.; Pavlov, V.B. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail: nekludova_pa@mail.ru;

Tarakanov, V.P. (Inst. Teplofiziki Ekhstremal'nykh Sostoyanij OIVT RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Matematicheskoe modelirovanie induktivnogo VCh razryada nizkogo davleniya s pomoshch'yu
programmy KARAT

p. 254

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HIGH-FREQUENCY DISCHARGES; ELECTRON DENSITY; ARGON; PLASMA;
ELECTRON-ATOM COLLISIONS; COMPUTERIZED SIMULATION; K CODES; TWO-
DIMENSIONAL CALCULATIONS; KINETIC ENERGY; SPATIAL DISTRIBUTION;
CONCENTRATION RATIO; THEORETICAL DATA

Experimental study of plasma parameters of the RF inductive plasma source of 46 cm in diameter

S70

*Aleksandrov, A.F.; Vavilin, K.V.; Kozlov, G.P.; Kral'kina, E.A.; Neklyudova, P.A.; Nikonov,
A.M.; Pavlov, V.B. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail:
nekludova_pa@mail.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Ehksperimental'noe issledovanie parametrov plazmy VCh induktivnogo istochnika plazmy
diametron 46 sm

p. 255

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.

PLASMA PRODUCTION; HIGH-FREQUENCY DISCHARGES; GAS DISCHARGE TUBES;
PRESSURE RANGE PA; MAGNETIC FIELDS; MHZ RANGE 01-100; INDUCTION;
POWER INPUT; ANTENNAS; ELECTRON DENSITY; SPATIAL DISTRIBUTION;
LUMINOSITY; HELIUM; ARGON; NEON; PRESSURE DEPENDENCE; EFFICIENCY;
ELECTRIC CONDUCTIVITY; ELECTRON TEMPERATURE; EXPERIMENTAL DATA

Dependence of the ion energy on the discharge parameters in RF helicon thruster

S70

Aleksandrov, A.F.; Kral'kina, E.A.; Petrov, A.K.; Pavlov, V.B. (Fizicheskij Fakul'tet MGU im. M.V. Lomonosova, Moscow (RU)), e-mail: sunwise57@yahoo.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Zavisimost' ehnergii ionov ot parametrov razryada v VCh gelikonnom dvigatele
p. 256

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ION THRUSTERS; HELICON WAVES; ELECTROMAGNETS; GAS DISCHARGE TUBES;
ANTENNAS; ARGON; POWER INPUT; MHZ RANGE 01-100; MAGNETIC FIELDS;
PLASMA; HIGH-FREQUENCY DISCHARGES; EFFICIENCY; PLASMA DIAGNOSTICS;
PLASMA DENSITY; IONIZATION; PLASMA ACCELERATION; ENERGY SPECTRA;
BENCH-SCALE EXPERIMENTS; EXPERIMENTAL DATA

Magnetic pulsed welding of plane samples

S36

Kazeev, M.N.; Kozlov, V.F.; Kojdan, V.S.; Tolstov, Yu.S. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: koidan@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Magnitno-impul'snaya svarka ploskikh obraztsov

p. 257

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA ARC WELDING; WELDED JOINTS; ALUMINIUM; STEELS;
MICROHARDNESS; SOLENOIDS; ELECTRIC ARCS; BENCH-SCALE EXPERIMENTS;
FEASIBILITY STUDIES; DIAGRAMS; EXPERIMENTAL DATA

Study of high-power pulsed plasma flow interaction with metal surfaces and micro- and nanostructured coatings formation

S36

Kazeev, M.N.; Kozlov, V.F.; Kojdan, V.S.; Tolstov, Yu.S. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: kazeev@nfi.kiae.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie vzaimodejstviya moshchnogo impul'snogo plazmennogo potoka s poverkhnost'yu metallov i obrazovaniya mikro- i nanostrukturnykh pokrytij

p. 258

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA ACCELERATION; PLASMA JETS; SURFACE TREATMENTS; TUNGSTEN;
POWDERS; NANOSTRUCTURES; ION IMPLANTATION; COATINGS; EXPERIMENTAL
DATA

Generation of microwave radiation during 100 keV electron beam relaxation in the plasma on GOL-3 device

S70

Sklyarov, V.F.; Vyacheslavov, L.N.; Ivanov, I.A. (Inst. Yadernoj Fiziki im. G.I. Budkera, Novosibirsk (RU)), e-mail: SklyarovVF@ngs.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Generatsiya mikrovolnovogo izlucheniya vo vremya relaksatsii 100 keV ehlektronnogo puchka v plazme na ustanovke GOL-3

p. 259

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokih Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

GOL-3 DEVICE; BEAM-PLASMA SYSTEMS; ELECTRON BEAMS; MICROWAVE RADIATION; KEV RANGE 10-100; AMP BEAM CURRENTS; PLASMA DENSITY; MAGNETIC FIELDS; RELAXATION; SPECTRAL DENSITY; ELECTRON BEAM INJECTION; PLASMA DIAGNOSTICS; EXPERIMENTAL DATA

The basic properties of slag obtained by air-plasma gasification of wood waste

S12

Brattsev, A.N.; Kuznetsov, V.A.; Kuchina, Yu.A.; Lerner, A.S.; Popov, V.E.; Subbotin, D.I.; Ufimtsev, A.A.; Shtengel', S.V. (Inst. Ehlektrofiziki i Ehlektroehnergetiki RAN, Sankt-Peterburg (RU)), e-mail: anjalerner@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Osnovnye svojstva shlaka, poluchennogo pri vozdushno-plazmennoj gazifikatsii drevesnykh otkhodov

p. 260

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

WOOD WASTES; WASTE PROCESSING; ASHES; GASIFICATION; PLASMA;
RECYCLING; STRUCTURAL CHEMICAL ANALYSIS; EFFICIENCY; EXPERIMENTAL
DATA

Effect of air plasma on condensable organic substance content in syngas during solid waste gasification process

S12

Kuznetsov, V.A.; Kuchina, Yu.A.; Lerner, A.S.; Popov, V.E.; Subbotin, D.I.; Ufimtsev, A.A.; Shtengel', S.V. (Inst. Ehlektrofiziki i Ehlektroenergetiki Rossijskoj Akademii Nauk (IEhEh RAN), Sankt-Peterburg (RU)), e-mail: subbotin1987@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie vozduшной plazmy v protsesse gazifikatsii tverdykh otkhodov na sodержaniya kondensiruyushchikhsya organicheskikh veshchestv v sintez-gaze

p. 261

(RU)

3 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SYNGAS PROCESS; WASTE PROCESSING; GASIFICATION; SOLID WASTES;
PLASMA; PYROLYSIS; PITCHES; NAPHTHALENE; CRACKING; CONCENTRATION
RATIO; EFFICIENCY; RECYCLING; EXPERIMENTAL DATA

Voltage-current characteristics of surface barrier discharge cell with electrodes as uniform grid

S70

Andreev, V.V.; Vasil'eva, L.A. (FGBOU VPO ChGU im. I.N. Ul'yanova, Cheboksary (RU)), e-mail: andreev_vsevolod@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Volt-ampernye kharakteristiki yachejki poverkhnostnogo bar'ernogo razryada s ehlektrodami v vide odnorodnoj setki

p. 262

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; ELECTRIC CONDUCTIVITY; PLASMA PRODUCTION; NON-EQUILIBRIUM PLASMA; GRIDS; DIAGRAMS; EXPERIMENTAL DATA

Diffusion source of sodium ions

S07

Sveshnikov, V.K.; Vasil'chenko, V.G. (FGBOU VPO Mordovskij Gosudarstvennyj Pedagogicheskij Inst. im. M.E. Evsev'eva, Saransk (RU)), e-mail: WWG_962@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Diffuzionnyj istochnik ionov natriya

p. 263

(RU)

1 ref., 1 fig., 1 tab.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ION SOURCES; SODIUM IONS; GAS DISCHARGE TUBES; DIFFUSION; EFFICIENCY; PERFORMANCE; DIAGRAMS

Simulation of working gas flow in cylindrical channels of plasmatrons with gas vortex stabilization of electric arc

S42

Borovskoj, A.M. (Inst. Ehlektrofiziki i Ehlektroehnergetiki Rossijskoj Akademii Nauk (IEhEh RAN), Sankt-Peterburg (RU)), e-mail: borovskoi.alex@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie techeniya rabocheho gaza v tsilindricheskikh kanalakh plazmotronov s gazovikhrevoj stabilizatsiej ehlektricheskoy dugi

p. 264

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMATRONS; ELECTRIC ARCS; GAS FLOW; AIR; PLASMA; TURBULENT FLOW; COMPUTERIZED SIMULATION; G CODES; F CODES; VELOCITY; NOZZLES; THEORETICAL DATA

Application of DC atmospheric pressure glow discharge plasma jet for Staphylococcus aureus inactivation

S60

Dudchik, N.V. (RNPTs Gigieny, Minsk (BY)), e-mail: n_dudchik@tut.by; Kirillov, A.A.; Pavlova,

A.V.; Safronov, E.A.; Simonchik, L.V. (Inst. Fiziki NAN Belarusi, Minsk (BY)), e-mail: y.safronau@ifanbel.bas-net.by

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Primenenie plazmennoj strui tleyushchego razryada atmosfernogo davleniya na postoyannom toke dlya inaktivatsii *Staphylococcus aureus*

p. 265

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

COLD PLASMA; PLASMA JETS; GLOW DISCHARGES; INACTIVATION;

STAPHYLOCOCCUS; BIOLOGICAL EFFECTS; AIR; NITROGEN; HELIUM; ARGON;

OXYGEN; BINARY MIXTURES; INHIBITION; EFFICIENCY; EXPERIMENTAL DATA

Characteristics of discharge in burning kerosene-air medium

S37

Velikodnyj, V.Yu.; Dyrenkov, A.V. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: son@ihed.ras.ru; Popov, V.V.; Yanovskij, Yu.G. (FGBUN Inst. Prikladnoj Mekhaniki RAN, Moscow (RU)), e-mail: iam@ipsun.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kharakteristiki razryada v goryashchej kerosino-vozdushnoj srede

p. 266

(RU)

1 ref., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; IGNITION; COMBUSTION; FLAMES; BINARY MIXTURES; KEROSENE; AIR; RADICALS; ELECTRIC CURRENTS; NANOTUBES; STABILIZATION; DIAGRAMS; EXPERIMENTAL DATA

Research of electrophysical properties of electric discharge applying for waste water cleaning

S12

Velikodnyj, V.Yu.; Dyrenkov, A.V.; Son, Eh.E. (Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: son@ihed.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie ehlektrofizicheskikh svojstv razryada primenitel'no k ochistke stochnykh vod

p. 267

(RU)

1 ref., 2 figs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

WASTE WATER; WASTE PROCESSING; ELECTRIC DISCHARGES; PLASMA; CHEMICAL REACTORS; PRODUCTIVITY; EFFICIENCY; PERFORMANCE; DIAGRAMS; EXPERIMENTAL DATA

Filamentation of subpicosecond terawatt pulses of UF radiation generated by Ti:Sapphire/KrF laser system GARPUN-MTV

S71

Zvorykin, V.D.; Ionin, A.A.; Levchenko, A.O.; Seleznev, L.V.; Sinitsyn, D.V.; Smetanin, I.V.; Ustinovskij, N.N.; Shutov, A.V. (Federal'noe Gosudarstvennoe Byudzhetnoe Uchrezhdenie Nauki Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail: zvorykin@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Filamentatsiya subpikosekundnykh impul'sov UF izlucheniya teravattnoj moshchnosti,
generiruemykh Ti:Sapphire/KrF lazernoj sistemoj GARPUN-MTV

p. 268

(RU)

3 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ULTRAVIOLET RADIATION; SOLID STATE LASERS; ELECTROMAGNETIC PULSES;
POWER RANGE 01-10 TW; FOCUSING; POWER DENSITY; SPATIAL DISTRIBUTION;
WAVE PROPAGATION; LASER RADIATION; OPTICAL PUMPING; DIAGRAMS;
EXPERIMENTAL DATA

Simulation of the ionization of plasma vibrator antenna

S70

Bogachev, N.N. (MGTU MIREhA, Moscow (RU)), e-mail: bgniknik@yandex.ru; Bogdankevich, I.L.; Gusejn-zade, N.G.; Tarakanov, V.P. (FGBUN Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: bira@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Modelirovanie ionizatsii plazmennoj vibratornoj anteny

p. 269

(RU)

5 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; ANTENNAS; IONIZATION; K CODES; RADIOWAVE RADIATION; PLASMA DENSITY; PLASMA SIMULATION; THEORETICAL DATA

Processing of time series of microwave signals produced by plasma relativistic microwave oscillator

S70

Ul'yanov, D.K. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail: ulyanov@fpl.gpi.ru; Andreev, S.E. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. Radiotekhniki, Ehlektroniki i Avtomatiki, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Obrabotka vremennykh ryadov SVCh-signalov, poluchennykh na plazmennom relyativistskom SVCh-generatore

p. 270

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

MICROWAVE EQUIPMENT; MICROWAVE RADIATION; PLASMA; ANTENNAS; DATA PROCESSING; OSCILLATORS; TIME-SERIES ANALYSIS; ELECTROMAGNETIC PULSES; FREQUENCY CONTROL; COMPUTER CODES; FOURIER TRANSFORMATION; PLASMA DENSITY

Investigation of emission characteristics of ion sources of gas-filled neutron tubes

Markov, V.G.; Okulov, A.A.; Prokhorovich, D.E.; Sadilkin, A.G.; Shchitov, N.N. (FGUP VNIIA, Moscow (RU)), e-mail: vniia4@vniia.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Issledovanie ehmissionnykh kharakteristik ionnykh istochnikov gazonapolnennykh nejtronnykh trubok

p. 271

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PENNING ION SOURCES; PENNING DISCHARGES; NEUTRON GENERATORS; GAS DISCHARGE TUBES; PLASMA; ION BEAMS; EMISSION; PLASMA DIAGNOSTICS

Multipactor on a dielectric surface for different inclination angles of microwave electric field

S71

Sakharov, A.S.; Ivanov, V.A.; Konyzhev, M.E. (IOF RAN, Moscow (RU)), e-mail:

sakh@fpl.gpi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Mul'tipaktor na poverkhnosti dielektrika pri razlichnykh uglakh naklona ehlektricheskogo SVCh-polya

p. 272

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; SECONDARY EMISSION; DIELECTRIC MATERIALS; ELECTRON EMISSION; MICROWAVE RADIATION; ELECTRIC FIELDS; INCLINATION; CURRENT DENSITY; ELECTRONS; KEV RANGE; POWER; DIAGRAMS; LITHIUM FLUORIDES; THEORETICAL DATA

Measurement of electron temperature of microplasma discharges on the titanium surface by means of optical spectrum

S70

Ivanov, V.A.; Konyzhev, M.E.; Letunov, A.A.; Kamolova, T.I. (*Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)*), e-mail: ivanov@fpl.gpi.ru; Zimin, A.M.; Trojnov, V.I. (*Moskovskij Gosudarstvennyj Tekhnicheskij Univ. im. N.Eh. Baumana, Moscow (RU)*)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izmerenie ehlektronnoj temperatury mikroplazmennyykh razryadov na poverkhnosti titana po spektru opticheskogo izlucheniya

p. 273

(RU)

2 refs., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRIC DISCHARGES; PLASMA; ELECTRON TEMPERATURE; PLASMA DENSITY; TITANIUM; VISIBLE RADIATION; TITANIUM IONS; TEMPERATURE RANGE 1000-4000 K; DIAGRAMS; THEORETICAL DATA

Three-dimensional numerical simulation of plasmon-polariton propagation in waveguide

S70

Goryachev, I.A.; Levchenko, V.D.; Perepelkina, A.Yu. (*IPM im. M.V. Keldysha RAN, Moscow (RU)*), e-mail: kvant87@gmail.com; Zakirov, A.V. (*Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.), Moscow (RU)*)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Trekhmernoe chislennoe modelirovanie rasprostraneniya plazmonnykh polyaritonov v volnovode

p. 274

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMONS; PLASMA WAVES; POLARONS; WAVE PROPAGATION; WAVEGUIDES; DIELECTRIC MATERIALS; THREE-DIMENSIONAL CALCULATIONS; INTERFACES; METALS; MAXWELL EQUATIONS; COMPUTERIZED SIMULATION; THEORETICAL DATA

Development of plasma separation method of the spent nuclear fuel: simulation of buffer plasma and beam of separated substance

S70;S11

Smirnov, V.P.; Samokhin, A.A. (FGBUN Ob"edinennyj Inst. Vysokikh Temperatur Rossijskoj Akademii Nauk (OIVT RAN), Moscow (RU)); Antonov, N.N.; Vorona, N.A.; Gavrikov, A.V.; Zhabin, S.N.; Murzov, S.A. (FGBUN Ob"edinennyj Inst. Vysokikh Temperatur Rossijskoj Akademii Nauk (OIVT RAN), Moscow (RU); Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.) - MFTI, Moscow (RU)), e-mail: gavrikov@ihed.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razvitie metoda plazmennoj separatsii otrabotavshego yadernogo topliva: modelirovanie bufernoj plazmy i puchka separiruemogo veshchestva

p. 275

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SPENT FUELS; PLASMA; SEPARATION PROCESSES; PLASMA SIMULATION;
TRAJECTORIES; MAGNETIC FIELDS; ELECTRIC FIELDS; ION BEAMS; BOUNDARY-
VALUE PROBLEMS; THEORETICAL DATA

RF discharge for spent nuclear fuel plasma separation processes on an example of the plasma mass filter ARCHIMEDES

S11

Smirnov, V.P.; Samokhin, A.A. (FGBUN Ob''edinennyj Inst. Vysokikh Temperatur Rossijskoj Akademii Nauk (OIVT RAN), Moscow (RU)); Gavrikov, A.V.; Murzov, S.A. (FGBUN Ob''edinennyj Inst. Vysokikh Temperatur Rossijskoj Akademii Nauk (OIVT RAN), Moscow (RU)); Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.) - MFTI, Moscow (RU)), e-mail: gavrikov@ihed.ras.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

VCh-razryad dlya tselej plazmennoj separatsii OYaT na primere ustanovki Arkhimed

p. 276

(RU)

1 ref., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

SPENT FUELS; RADIOACTIVE WASTE PROCESSING; HIGH-FREQUENCY DISCHARGES; PLASMA; SEPARATION PROCESSES; PLASMA HEATING; EFFICIENCY; MAGNETIC FIELDS; POWER INPUT; DIAGRAMS; COMPUTERIZED SIMULATION; THEORETICAL DATA; FEASIBILITY STUDIES

PIC modeling of ion acceleration from thin foils under exposure to circularly polarized femtosecond laser pulses

S75

Pugachev, L.P.; Levashov, P.R.; Andreev, N.E. (Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)); Moskovskij Fiziko-Tekhnicheskij Inst. (Gosudarstvennyj Univ.), Moscow (RU)), e-mail: pugachev@ihed.ras.ru; Baranov, V.E. (Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
PIC-modelirovanie uskoreniya ionov iz tonkikh fol'g pod vozdejstviem femtosekundnykh
lazernykh impul'sov s krugovoj polarizatsiej v rezhime davleniya izlucheniya
p. 277

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

THIN FILMS; FOILS; LASER RADIATION; RADIATION PRESSURE; POLARIZATION;
ONE-DIMENSIONAL CALCULATIONS; THREE-DIMENSIONAL CALCULATIONS;
ACCELERATION; ION BEAMS; COMPUTERIZED SIMULATION; THEORETICAL DATA

Production of colloidal solution of carbon nanoparticles in alcohol by means of high-voltage pulsed discharge

S77

*Anpilov, A.M.; Barkhudarov, Eh.M.; Kossyj, I.A.; Misakyan, M.A. (Uchrezhdenie Rossijskoj
Akademii Nauk Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU)), e-mail:
barkhudarov@yandex.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Poluchenie kolloidnogo rastvora nanochastits ugleroda v spirte s pomoshch'yu vysokovol'tnogo
impul'snogo razryada

p. 278

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow
(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,
Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj
Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr
PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,
Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and
controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

NANOPARTICLES; CARBON; NANOTECHNOLOGY; ELECTRIC DISCHARGES;
ETHANOL; COLLOIDS; ELECTRIC CONDUCTIVITY; EFFICIENCY; EXPERIMENTAL
DATA

Development and research of units of pulsed neutron generators based on laser-plasma diode and triode

S70

Vovchenko, E.D.; Kozlovskij, K.I.; Ponomarev, D.D.; Shikanov, A.E.; Tsybin, A.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: parkoffic@rambler.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razrabotka i issledovanie ehlementov impul'snykh nejtronnykh generatorov na osnove lazerno-plazmennogo dioda i trioda

p. 279

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

LASER-PRODUCED PLASMA; NEUTRON GENERATORS; NEODYMIUM LASERS;
THERMIONIC DIODES; DEUTERIUM; MARX GENERATORS; ACCELERATION;
EFFICIENCY; MAGNETIC INSULATION; FEASIBILITY STUDIES

Calculation of characteristics of ion drift in gas by means of I_DRIFT code

S70

Golyatina, R.I.; Majorov, S.A. (Inst. Obshchej Fiziki RAN, Moscow (RU)), e-mail: mayorov_sa@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Raschet kharakteristik drejfa iona v gaze s pomoshch'yu i_DRIFT koda

p. 280

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ION DRIFT; GASES; ELECTRIC FIELDS; I CODES; ION-ATOM COLLISIONS;
INHOMOGENEOUS PLASMA; MONTE CARLO METHOD; ION MOBILITY;
DISTRIBUTION FUNCTIONS; THEORETICAL DATA

To the theory of helium atom

S71

*Zhura, N.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail:
nzhura@sci.lebedev.ru*

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

K teorii atoma geliya

p. 281

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

HELIUM; THREE-BODY PROBLEM; SCHROEDINGER EQUATION; QUANTUM
MECHANICS; THEORETICAL DATA

To the theory of electron

S71

Zhura, N.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)), e-mail:

nzhura@sci.lebedev.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

K teorii ehlektrona

p. 282

(RU)

3 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ELECTRONS; DIRAC EQUATION; HYDROGEN; QUANTUM MECHANICS;
COMMUTATION RELATIONS; THEORETICAL DATA

Development, pilot production and test of prototypes of load-carrying structures of the first wall and module connectors of ITER blanket in 2012-2013 years.

Results of 2012 year. State-of-the-art activity

S70

Leshukov, A.Yu.; Danilov, I.V.; Sviridenko, M.N. (NIKIEhT im. N.A. Dollezhalya, Moscow (RU)), e-mail: leshu@nikiet.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razrabotka, opytnoe izgotovlenie i ispytanie opytnykh obraztsov nesushchikh konstruksij pervoj stenki i soedinitelej modulej blanketa ITEhR v 2012-2013 godu. Itogi 2012 goda.

Sostoyanie rabot na nastoyashchij moment

p. 285

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; FIRST WALL; JOINTS; DEMONSTRATION PLANTS; BENCH-SCALE EXPERIMENTS; MECHANICAL TESTS

ERO predictive modelling for ITER component lifetime and benchmarking experiments for be erosion at JET

S70

Borodin, D.; Kirschner, A.; Brezinsek, S. (Inst. of Energy and Climate Research - Plasma Physics, Forschungszentrum Juelich GmbH, Association EURATOM-FZJ, Trilateral Euregio Cluster, Juelich (DE)), e-mail: d.borodin@fz-juelich.de; Bjoerkas, C. (Inst. of Energy and Climate Research - Plasma Physics, Forschungszentrum Juelich GmbH, Association EURATOM-FZJ, Trilateral Euregio Cluster, Juelich (DE)); EURATOM-Tekes, Physics Dept., Univ. of Helsinki, Helsinki (FI)); Stamp, M.F. (EURATOM/CCFE Fusion Association, Culham Science Centre, Abingdon (GB)); Groth, M. (Aalto Univ., EURATOM-Tekes, Espoo (FI)); Carpentier-Chouchana, S.; Pitts, R.A.; Lisgo, S. (ITER Organization, CEA Cadarache Centre, Saint-Paul-Lez-Durance (FR))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

p. 286

(EN)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; BENCHMARKS; EROSION; LIFETIME; FORECASTING; E CODES; MONTE CARLO METHOD; FIRST WALL; BERYLLIUM; COMPUTERIZED SIMULATION; THEORETICAL DATA

Development of megawatt gyrotrons for controlled fusion plasma devices

S70

Denisov, G.G.; Litvak, A.G. (Inst. Prikladnoj Fiziki RAN, Nizhnij Novgorod (RU)), e-mail: den@appl.sci-nnov.ru; Myasnikov, V.E.; Taj, E.M.; Sokolov, E.V. (ZAO NPP GIKOM, Nizhnij Novgorod (RU)); Il'in, V.I. (Inst. Fiziki Tokamakov, Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Razrabotka v Rossii megavattnykh girotronov dlya plazmennykh ustanovok UTS
p. 287

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; MICROWAVE AMPLIFIERS; MEGAWATT POWER RANGE;
ELECTRON BEAMS; KEV RANGE 10-100; AMP BEAM CURRENTS; FREQUENCY
MIXING; PLASMA WAVES; EFFICIENCY; BENCH-SCALE EXPERIMENTS; PROCESS
DEVELOPMENT UNITS; EXPERIMENTAL DATA

Plasma control in ITER reactor

S70

Semenov, I.B. (Proektnyj Tsentr ITEhR, Moscow (RU)), e-mail: i.semenov@iterrf.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Upravlenie plazmoy v ustanovke ITEhR

p. 288

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

Development of ITER plasma diagnostics - status and progress

S70

Vukolov, K.Yu.; Alekseev, A.G.; Vershkov, V.A. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: vukolov@nfi.kiae.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razrabotka diagnostik plazmy ITEhR - status i dostizheniya

p. 289

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; THOMSON SCATTERING; GAMMA SPECTROSCOPY; BALMER LINES; NEUTRON MONITORS; RADIATION PROTECTION; RELIABILITY; NEUTRON FLUX; RADIATION DETECTORS

Physical aspects of application of Thomson scattering plasma diagnostics in ITER divertor

S70

Mukhin, E.E.; Tolstyakov, S.Yu.; Semenov, V.V.; Kochergin, M.M.; Kurskiev, G.S.; Razdobarin, A.G.; Berezutskij, A.A.; Masyukevich, S.V.; Chernakov, P.V.; Bukreev, I.M. (FTI im. A.F. Ioffe, Sankt-Peterburg (RU)), e-mail: E.Mukhin@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fizicheskie aspekty primeneniya diagnostiki tomsonovskogo rasseyaniya plazmy v divertore ITEhR

p. 290

(RU)

1 ref., 1 fig.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; THOMSON SCATTERING; DIVERTORS;
CLOSED CONFIGURATIONS; ELECTRON TEMPERATURE; WALL LOADING;
SPATIAL RESOLUTION; TIME RESOLUTION; RELIABILITY; DIAGRAMS;
THEORETICAL DATA

Physical problems of plasma-tungsten interaction in ITER

S70

Budaev, V.P.; Martynenko, Yu.V.; Karpov, A.V. (NITs Kurchatovskij Inst., Moscow (RU)), e-mail: budaev@nfi.kiae.ru; Khimchenko, L.N.; Safronov, V.M. (Proektnyj Tsentr ITEhR, Moscow (RU)); Zhitlukhin, A.M.; Klimov, N.S.; Podkovyrov, V.L. (FGUP GNTs TRINITI, Troitsk (RU)); Pitts, R.A. (ITER Organization, Saint-Paul-Lez-Durance (FR))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Fizicheskie voprosy vzaimodejstviya plazmy s vol'framom v ITEhR

p. 291

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; DIVERTORS; TUNGSTEN; WALL EFFECTS; WALL LOADING;
COMPOSITE MATERIALS; BERYLLIUM; MICROSTRUCTURE; ROUGHNESS;
EROSION; RECRYSTALLIZATION; EDGE LOCALIZED MODES; EXPERIMENTAL
DATA

Development of hydrogen lines spectroscopy for ITER - status and progress

S70

Alekseev, A.G.; Andreenko, E.N.; Akhtyrskij, S.V. (Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: aleks.ag@nfi.kiae.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razrabotka diagnostiki Spektroskopiya vodorodnykh linij dlya ITEhR - status i dostizheniya

p. 292

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; BALMER LINES; HYDROGEN; SPECTROSCOPY; MIRRORS; MOLYBDENUM

Test facilities for ITER port plug - the stage of systems and interfaces development

S70

Romannikov, A.N.; Krasil'nikov, A.V. (Agentstvo ITEhR, Rossijskij Nauchnyj Tsentr Kurchatovskij Inst., Moscow (RU)), e-mail: a.romannikov@iterrf.ru; Skorodumov, B.A.; Tarasova, E.Yu.; Kuz'menko, I.F.; Kotusov, S.A.; Rumyantsev, Yu.N.; Allin, M.N. (OAO Kriogenmash, Balashikha, Moskovskaya Obl. (RU)); Levesi, B. (ITER Organization, Saint-Paul-Lez-Durance (FR)); Seris'er, T. (CNIM, Z.I de Bregailon, La Seyne-sur-Mer (FR))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Stendy dlya ispytaniya port plagov ITEhR - ehtap razrabotki sistem i interfejsov

p. 293

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9
Moscow (RU)
ZAO NTTs PLAZMAIOFAN
2013
360 p.
ITER TOKAMAK; TEST FACILITIES; CLOSURES; VACUUM SYSTEMS; HEATING
SYSTEMS; DIAGRAMS

Development of ITER control system in 2012 year

S70

Mironova, E.Yu.; Marusov, N.L.; Portone, S.S.; Semenov, I.B. (Proektnyj Tsentri ITEhR, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Razvitie sistemy upravleniya ITEhR v 2012 godu

p. 294

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentri PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; COMPUTERIZED CONTROL SYSTEMS; DATA ACQUISITION
SYSTEMS; PROGRAMMING; BENCH-SCALE EXPERIMENTS

General concept of Interlock system in ITER project

S70

Rogova, E.S.; Semenov, I.B. (Chastnoe Uchrezhdenie Gosudarstvennoj Korporatsii po Atomnoj Ehnergii Rosatom Proektnyj Tsentri ITEhR, Moscow (RU)), e-mail: E.Rogova@iterrf.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Obshchaya kontseptsiya sistemy Interlock v proekte ITER

p. 295

(RU)

5 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; INTERLOCKS; COMPUTERIZED CONTROL SYSTEMS; PLASMA DIAGNOSTICS; ENGINEERED SAFETY SYSTEMS; RELIABILITY

Beryllium erosion under exposure to plasma flows simulating ELM in ITER **S70**

Khimchenko, L.N.; Krasil'nikov, A.V.; Safronov, V.M. (Chastnoe Uchrezhdenie GK Rosatom Proektnyj Tsentr ITEhR, Moscow (RU)), e-mail: khimchenko@iterrf.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehroziya berilliya pri vozdejstvii plazmennyx potokov, modeliruyushchikh ELM v ITEhR
p. 296

(RU)

1 ref.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; EROSION; FIRST WALL; BERYLLIUM; EDGE LOCALIZED MODES; WALL LOADING; PLASMA GUNS; CRACKS; SURFACE PROPERTIES; EXPERIMENTAL DATA

Gamma spectroscopic diagnostics in charge-exchange atom analyzer for ITER **S70**

Gin, D.B.; Chugunov, I.N.; Shevelev, A.E.; Dojnikov, D.N.; Najdenov, V.O.; Polunovskij, I.A.;

Khil'kevich, E.M. (Uchrezhdenie Rossijskoj Akademii Nauk Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail: pipha@mail.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Gamma spektrometricheskaya diagnostika v sostave analizatorov atomov Perezaryadki dlya ITEhR

p. 297

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; GAMMA SPECTROSCOPY; GAMMA SPECTROMETERS; CHARGE-EXCHANGE REACTIONS; HIGH-PURITY GE DETECTORS; SOLID SCINTILLATION DETECTORS; LANTHANUM BROMIDES; EFFICIENCY; EXPERIMENTAL DATA

Study of thermonuclear alpha-particle confinement on neutralized recoil ion flows

S70

Afanas'ev, V.I.; Mironov, M.I.; Nesenevich, V.G.; Petrov, M.P. (Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail: vnesenevich@npd.ioffe.ru; Goncharov, P.R. (Sankt-Peterburgskij Gosudarstvennyj Politeknicheskij Univ., Sankt-Peterburg (RU)), e-mail: p.goncharov@spbstu.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Izuchenie uderzhaniya termoyadernykh al'fa-chastits po potokam nejtralizovannykh ionov ot dachi

p. 298

(RU)

2 refs., 1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; RECOILS; DEUTERIUM IONS; TRITIUM IONS; ALPHA PARTICLES; CONFINEMENT; CONFINEMENT TIME; ENERGY SPECTRA; KEV RANGE 100-1000; MEV RANGE 01-10; COMPUTERIZED SIMULATION; ION-NEUTRALIZATION SPECTROSCOPY; THEORETICAL DATA

Application of gamma spectroscopic diagnostics for determination of energy distribution of high-energy ions and electrons in ITER plasma

S70

Khil'kevich, E.M.; Chugunov, I.N.; Shevelev, A.E.; Gin, D.B.; Dojnikov, D.N.; Najdenov, V.O.; Polunovskij, I.A. (Uchrezhdenie Rossijskoj Akademii Nauk Fiziko-Tekhnicheskij Inst. im. A.F. Ioffe RAN, Sankt-Peterburg (RU)), e-mail: e.khilkevitch@mail.ioffe.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Primenenie gamma spektrometricheskoy diagnostiki dlya opredeleniya ehnergeticheskogo raspredeleniya vysokoehnergichnykh ionov i ehlektronov v plazme ITEhR

p. 299

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; GAMMA SPECTROSCOPY; D CODES; ENERGY SPECTRA; SPECTRA UNFOLDING; RUNAWAY ELECTRONS; DISTRIBUTION FUNCTIONS; THEORETICAL DATA

Time-of-flight refractometry for ITER - new approach to technique realization

S70

Petrov, A.A.; Petrov, V.G. (FGUP GNTs RF TRINITI, Moscow, Troitsk (RU)), e-mail:

petroff@triniti.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vremyaproletnaya refraktometriya dlya ITEhR - novye podkhody k realizatsii metodiki

p. 300

(RU)

2 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; TIME-OF-FLIGHT METHOD;

REFRACTION; PLASMA DENSITY; SIGNAL-TO-NOISE RATIO; GHZ RANGE 100-1000

Erosion of tungsten protective coatings caused by material evaporation in conditions characteristic for transients in ITER

S70

Arkhipov, N.I.; Karelov, S.V.; Poznyak, I.M.; Safronov, V.M.; Toporkov, D.A. (Troitskij Inst.

Innovatsionnykh i Termoyadernykh Issledovaniy, Moscow, Troitsk (RU)), e-mail:

teufida@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehroziya vol'framovykh zashchitnykh pokrytij, obuslovlennaya ispareniem materiala v

usloviyakh, kharakternykh dlya perekhodnykh protsessov v ITEhR

p. 301

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PROTECTIVE COATINGS; TUNGSTEN; EROSION; DIVERTORS;
PLASMA GUNS; EDGE LOCALIZED MODES; PLASMA IMPURITIES; EVAPORATION;
FAR ULTRAVIOLET RADIATION; SPATIAL DISTRIBUTION; EXPERIMENTAL DATA

Erosion products faced to plasma of thermonuclear reactor materials producing in experiments on simulation of ITER pulsed transient plasma processes by means of plasma accelerator KSPU-T

S70

Putrik, A.B.; Klimov, N.S.; Barsuk, V.A.; Zhitlukhin, A.M.; Podkovyrov, V.L. (FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii Troitskij Inst. Innovatsionnykh i Termoyadernykh Issledovanij, Moscow, Troitsk (RU)), e-mail: post4putrik@gmail.com; Begrambekov, L.B.; Shigin, P.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. Moskovskij Inzhenerno-Fizicheskij Inst., Moscow (RU)), e-mail: lbb@plasma.mephi.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS
Produkty ehrozii obrashchennykh k plazme materialov TYaR, obrazuyushchiesya v
ehksperimentakh po imitatsii impul'snykh perekhodnykh plazmennyykh protsessov ITEhR na
plazmennom uskoritele KSPU-T

p. 302

(RU)

2 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; EROSION; PLASMA GUNS; SIMULATION; TUNGSTEN; GRAPHITE;
PLASMA DISRUPTION; WALL LOADING; THIN FILMS; TUNGSTEN HYDRIDES;
STRUCTURAL CHEMICAL ANALYSIS; X-RAY DIFFRACTION; EXPERIMENTAL
DATA

Status of theoretical works on H-#alpha# high-resolution spectroscopy in ITER
S70

Kukushkin, A.B.; Lisitsa, V.S.; Kadomtsev, M.B. (IFT NITs Kurchatovskij Inst., Moscow (RU)), e-mail: kuka@nfi.kiae.ru (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Status teoreticheskikh rabot po H- α spektroskopii vysokogo razresheniya v ITEhR

p. 303

(RU)

4 refs.

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA DIAGNOSTICS; SPECTROSCOPY; BALMER LINES;

HYDROGEN; ALPHA PARTICLES; REVIEWS

Characteristics of hydrocarbon films deposited under conditions simulating ITER conditions

S70

Grashin, S.A.; Arkhipov, I.I.; Vukolov, K.Yu.; Stankevich, V.G.; Svechnikov, N.Yu. (NITs Kurchatovskij Inst., Moscow (RU)); Klimov, N.S. (TRINITI, Moscow, Troitsk (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kharakteristiki uglevodorodnykh plenok, osazhdennykh v usloviyakh, modeliruyushchikh usloviya ITEhR

p. 304

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; EROSION; HYDROCARBONS; THIN FILMS; SIMULATION; PLASMA GUNS; DEPOSITION; MOLYBDENUM; SILICON; MIRRORS; SURFACE PROPERTIES; MORPHOLOGY; REFRACTION; EXPERIMENTAL DATA

Kinetics of hydrogen atom radiation emission in ITER edge plasma

S70;S74

Kadomtsev, M.B.; Lisitsa, V.S.; Neverov, V.S.; Shurygin, V.A. (IFT NITs Kurchatovskij Inst., Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Kinetika vysvechivaniya atomov vodoroda v pristenochnoj plazme ITEhR

p. 305

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; PLASMA; HYDROGEN; BALMER LINES; OCCUPATION NUMBER; EXCITED STATES; CHARGE-EXCHANGE INTERACTIONS; DE-EXCITATION; THEORETICAL DATA

Algorithm of self-consistent calculation of EC losses and kinetics of EC heating and EC current drive in tokamak-reactors

S70

Kukushkin, A.B.; Minashin, P.V. (IFT NITs Kurchatovskij Inst., Moscow (RU)), e-mail: t32amephi@gmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Algoritm samosoglasovannogo rascheta sobstvennykh EhTs poter' i kinetiki EhTs nagreva i podderzhaniya toka v tokamakakh-reaktorakh

p. 306

(RU)

8 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; ECR HEATING; ECR CURRENT DRIVE; ELECTRON CYCLOTRON-RESONANCE; ENERGY LOSSES; E CODES; O CODES; ITERATIVE METHODS; THEORETICAL DATA

Scheme for Balmer lines measurements with a bifurcated line-of-sight and the accuracy of T/D ratio recovery in the sol plasma in ITER

S70

Neverov, V.S.; Kukushkin, A.B. (IFT NITs Kurchatovskij Inst., Moscow (RU)), e-mail: vs-never@hotmail.com

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Skhema registratsii bal'merovskikh linij po razdvoennym khordam nablyudeniya i tochnost' vosstanovleniya T/D otnosheniya v pristenochnoj plazme ITEhR

p. 307

(RU)

7 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; BALMER LINES; PLASMA DIAGNOSTICS; ISOTOPE RATIO; DEUTERIUM; TRITIUM; ACCURACY

Nondestructive control in process of fabrication of ITER components faced to

plasma

S70

Belyaev, A.S.; Lyanzberg, D.V.; Panteleev, M.A.; Gur'eva, T.M. (NIEhFA im. D.V. Efremova, Sankt-Peterburg (RU)), e-mail: belyaev@sintez.niefa.spb.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Nerazrushayushchij kontrol' pri izgotovlenii obrashchennykh k plazme komponent ITEhR

p. 308

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; FIRST WALL; DIVERTORS; ULTRASONIC TESTING; ANTENNAS; X-RAY DIFFRACTION

Status of thermal test bench TsEFEJ-M

S70

Kuznetsov, V.E.; Komarov, A.O.; Rulev, R.V. (NIEhFA im. D.V. Efremova, Sankt-Peterburg (RU)), e-mail: kuznetc@sintez.niefa.spb.su, akomarov@sintez.niefa.spb.su, rulev@sintez.niefa.spb.su (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Status stenda teplovykh ispytaniy TsEFEJ-M

p. 309

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow

(RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy,

Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr

PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova,

Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; BENCH-SCALE EXPERIMENTS; THERMAL TESTING; FIRST WALL; DIVERTORS; PERFORMANCE; DATA ACQUISITION SYSTEMS; TURBOMOLECULAR PUMPS; CLOSED-CYCLE COOLING SYSTEMS

Experimental works in support of development of ITER first wall panel construction

S70

Gervash, A.A.; Glazunov, D.A.; Lyanzberg, D.V.; Mazul', I.V.; Rulev, R.V.; Davydov, V.M. (NIEhFA im. D.V. Efremova, Sankt-Peterburg (RU)), e-mail: gervash@sintez.niefa.spb.su, glazunov@sintez.niefa.spb.su, lyanzberg@sintez.niefa.spb.su, mazuliv@sintez.niefa.spb.su, rulev@sintez.niefa.spb.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Ehksperimental'nye raboty v podderzhku razrabotki konstruksii panelej pervoj stenki ITEhR

p. 310

(RU)

Rossiyskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLAZMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; FIRST WALL; BERYLLIUM; PANELS; WALL LOADING; THERMONUCLEAR REACTOR MATERIALS; THERMAL TESTING; BENCH-SCALE EXPERIMENTS; BRONZE; CRACKS; EXPERIMENTAL DATA

Thermal test bench IDTF

S70

Kuznetsov, V.E.; Komarov, A.O.; Stepanov, N.B. (NIEhFA im. D.V. Efremova, Sankt-Peterburg (RU)), e-mail: kuznetc@sintez.niefa.spb.su, akomarov@sintez.niefa.spb.su, nstepanov@sintez.niefa.spb.su (and others)

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Stend teplovykh ispytanij IDTF

p. 311

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; THERMAL TESTING; BENCH-SCALE EXPERIMENTS; DIVERTORS;
VACUUM SYSTEMS; ELECTRON GUNS; WALL LOADING; PERFORMANCE;
EXPERIMENTAL DATA

Project of atom charge-exchange spectrometer based on diamond detector for ITER tokamak

S70

Krasil'nikov, V.A.; Amosov, V.N.; Kashchuk, Yu.A.; Skopintsev, D.A. (Chastnoe Uchrezhdenie GK Rosatom Proektnyj Tsentr ITEhR, Moscow (RU)), e-mail: vkrasilnikov@triniti.ru

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Proekt spektrometra atomov perezaryadki na baze almaznogo detektora dlya tokamaka ITEhR

p. 312

(RU)

4 refs.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS
ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; CRYSTAL COUNTERS; DIAMONDS; PLASMA DIAGNOSTICS;
SPECTROMETERS; DATA ACQUISITION SYSTEMS; PERFORMANCE; COUNTING
RATES; TIME RESOLUTION; FEASIBILITY STUDIES

Optimization of cooling system of load-carrying structure of first wall of special shape by example module 16ST

S70

Gervash, A.A.; Labusov, A.N.; Khokhlov, M.V. (FGUP NIIeFA im. D.V. Efremova, Sankt-Peterburg (RU)), e-mail: hohlov@sintez.niiefa.spb.su

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Optimizatsiya sistemy okhlazhdeniya nesushchej konstruktsii pervoj stenki osoboj formy na primere modulya 16ST

p. 313

(RU)

1 fig.

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

ITER TOKAMAK; FIRST WALL; COOLING SYSTEMS; WALL LOADING; RELIABILITY; OPTIMIZATION; FINITE ELEMENT METHOD; STRAINS; STRESSES; TEMPERATURE DISTRIBUTION; SPATIAL DISTRIBUTION; TEMPERATURE RANGE 0400-1000 K; DIAGRAMS; THEORETICAL DATA

Influence of the magnetic field on initiation and sustainment of the ecton processes in a vacuum spark and arc discharge

S70

Tsvetukh, M.M.; Mesyats, G.A. (Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU));

Barengol'ts, S.A. (Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU))

XL International Zvenigorod conference on plasma physics and controlled fusion

Zvenigorod (RU)

11-15 Feb 2013

XL Mezhdunarodnaya Zvenigorodskaya konferentsiya po fizike plazmy i UTS

Vliyanie magnitnogo polya na initsirovanie i podderzhanie ehktonnykh protsessov v iskrovom i dugovom razryade

p. 314

(RU)

Rossijskaya Akademiya Nauk, Moscow (RU); Nauchnyj Sovet RAN po Fizike Plazmy, Moscow (RU); Nauchnyj Sovet RAN po Kompleksnoj Probleme Fizika Nizkotemperaturnoj Plazmy, Moscow (RU); Inst. Obshchej Fiziki im. A.M. Prokhorova RAN, Moscow (RU); Ob"edinennyj

Inst. Vysokikh Temperatur RAN, Moscow (RU); Nauchno-Tekhnologicheskij Tsentr PLASMAIOFAN, Moscow (RU); Moskovskij Gosudarstvennyj Univ. im. M.V. Lomonosova, Moscow (RU)

Book of abstracts of the XL International Zvenigorod conference on plasma physics and controlled fusion

Tezisy dokladov XL Mezhdunarodnoj Zvenigorodskoj konferentsii po fizike plazmy i UTS

ISBN 978-5-9903264-3-9

Moscow (RU)

ZAO NTTs PLAZMAIOFAN

2013

360 p.

PLASMA; PLASMA PRODUCTION; IONIZATION; MAGNETIC FIELDS; ELECTRIC SPARKS; ELECTRIC CURRENTS; ELECTRON EMISSION; CATHODES; THEORETICAL DATA

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

S63

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

(RU)

LEADING ABSTRACT; MEETINGS; RADIOBIOLOGY; RADIATION HAZARDS; RISK ASSESSMENT; PATHOGENESIS; THERAPY; SAFETY; NUCLEAR MEDICINE

The collection contains abstracts of the Russian scientific conference with international participation, which took place May 19-20, 2011 in St. Petersburg. Proceedings of the conference include a general description of the chemical and radiological factors of nature, questions of radiation ecology and ecotoxicology. Modern methods of toxicological and radiobiological researches, including evaluation of radiation and chemical risks, mechanisms of development, pathogenesis, clinical features, diagnosis and treatment of various forms of toxic and radiation processes are under consideration. Current approaches to prevention and early therapy of chemical and radiation injuries are given. Issues of radiation and chemical safety, as well as the problems of training in toxicology and radiobiology are discussed

В сборнике представлены тезисы докладов Российской научной конференции с международным участием, которая состоялась 19-20 мая 2011 года в Санкт-Петербурге. Материалы конференции содержат общую характеристику факторов химической и радиационной природы, вопросы радиационной экологии и экотоксикологии. Обсуждаются современные методы токсикологических и радиобиологических

исследований, включая оценку радиационных и химических рисков, механизмы развития, патогенез, клиника, диагностика и лечение различных форм токсических и лучевых процессов. Даны современные подходы к профилактике и ранней терапии химических и радиационных поражений. Дискутируются вопросы обеспечения радиационной и химической безопасности, а также проблемы подготовки кадров по токсикологии и радиобиологии

Toxicology and radiobiology in the activity of the medical services of the armed forces of the Russian Federation

S63

Belevitin, A.B.; Grebenyuk, A.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Voprosy toksikologii i radiobiologii v deyatelnosti meditsinskoj sluzhby vooruzhennykh sil Rossijskoj Federatsii

p. 3

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

RADIOBIOLOGY; RADIATION INJURIES; RADIATION PROTECTION; RADIATION HAZARDS; OCCUPATIONAL SAFETY; TOXICITY; MILITARY PERSONNEL

Nanoworld of low impact - #Left-Pointing Double Angle Quotation Mark#dwarfs#Right-Pointing Double Angle Quotation Mark#: its laws, similarities and differences with the world of #Left-Pointing Double Angle Quotation Mark#giants#Right-Pointing Double Angle Quotation Mark#

S63

Burlakova, E.B. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Nanomir slabyx vozdeystvij - #Left-Pointing Double Angle Quotation Mark#karlikov#Right-

Pointing Double Angle Quotation Mark#: ego zakony, obshchnost' i razlichiya s mirom #Left-Pointing Double Angle Quotation Mark#gigantov#Right-Pointing Double Angle Quotation Mark#

p. 3-4

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

NANOSTRUCTURES; RADIONUCLIDE KINETICS; CONCENTRATION RATIO; DOSE-RESPONSE RELATIONSHIPS; TOXICITY; BIOLOGICAL EFFECTS

Medical consequences of Chernobyl: main results and remaining challenges

S63

Gus'kova, A.K. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Meditsinskie posledstviya avarii ChAEhS: osnovnye itogi i nereshennye problemy

p. 4-5

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; BIOLOGICAL RADIATION EFFECTS; HEALTH HAZARDS; PERSONNEL MONITORING; RADIOBIOLOGY

Perspective directions of early diagnosis work-related pathology in employees of enterprises of the nuclear shipbuilding and ship repair

S63

Ivanchenko, A.V.; Sosyukin, A.E.; Vasilyuk, V.B.; Krupkin, A.B.; Saenko, S.A.; Pimburskij, V.F. (Nauchno-Issledovatel'skij Inst. Promyshlennoj i Morskoj Meditsiny FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Perspektivnye napravleniya rannej diagnostiki proizvodstvenno obuslovennoj patologii u rabotnikov predpriyatij atomnogo sudostroeniya i sudoremonta

p. 5

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

NUCLEAR SHIPS; BIOLOGICAL RADIATION EFFECTS; SUBMARINES;
PATHOGENESIS; PATHOLOGICAL CHANGES; OCCUPATIONAL SAFETY

Radiation accidents: forecasts of medical consequences and effective protective measures

S63

Il'in, L.A. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiatsionnye avarii: prognozy meditsinskikh posledstvij i ehffektivnost' zashchitnykh mer

p. 6

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

RADIATION ACCIDENTS; IRRADIATION; RADIATION DOSES; DOSE-RESPONSE
RELATIONSHIPS; PATHOLOGY; RADIATION PROTECTION; BIOLOGICAL
RADIATION EFFECTS

Preventive toxicology: goals, objectives and prospects

S54

Kurlyandskij, B.A. (Vserossijskaya Obshchestvennaya Organizatsiya Toksikologov, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Profilakticheskaya toksikologiya: tseli, zadachi, perspektivy

p. 6-7

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

REVIEWS; TOXICITY; ENVIRONMENTAL IMPACTS; TOXIC MATERIALS; HEALTH HAZARDS; OCCUPATIONAL SAFETY; ACCIDENTS

Actual problems of funds of antidote therapy for elimination medical sanitary consequences of emergency situations

S63

Nazarov, V.B.; Gladkikh, V.D.; Boyarintsev, V.V.; Samojlov, A.S.; Lebedev, A.O.; Belovolov, A.Yu. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Aktual'nye problemy formirovaniya rezervov sredstv antidotnoj terapii dlya likvidatsii mediko-sanitarnykh posledstvij chrezvychajnykh situatsij

p. 7-8

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ACCIDENTS; PREVENTIVE MEDICINE; HEALTH HAZARDS; THERAPY; DRUGS; RISK ASSESSMENT

Role of antidotes in the treatment of acute poisonings (Past and present)

S63

Nechiporenko, S.P.; Barinov, V.A.; Petrov, A.N. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Rol' antidotov v lechenii ostrykh otravlenij (proshloe i nastoyashchee)

p. 8

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

THERAPEUTIC USES; TOXIC MATERIALS; TOXICITY; HEALTH HAZARDS; OCCUPATIONAL SAFETY; PREVENTIVE MEDICINE

Scientific and practical ensuring the sanitary-epidemiological safety on the objects of chemical weapons disposal

S63

Rembovskij, V.R.; Nagornyj, S.V.; Radilov, A.S.; Ermolaeva, E.E.; Savel'eva, E.I.; Tsibul'skaya, E.A.; Tidgen, V.P.; Kombarova, M.Yu. (Nauchno-Issledovatel'skij Inst. Gigieny, Profpatologii i Ehkologii cheloveka FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Nauchno-prakticheskoe obespechenie sanitarno-ehpidemiologicheskoy bezopasnosti na ob'ektakh unichtozheniya khimicheskogo oruzhiya

p. 9

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
OCCUPATIONAL SAFETY; PERSONNEL; WORKING CONDITIONS; HEALTH HAZARDS; ENVIRONMENTAL PROTECTION; RISK ASSESSMENT; TOXICITY

Activity of FMBA of Russia for health safety of personnel and population in the disposal of chemical weapons

S63

Romanov, V.V.; Lezhenin, A.V.; Zivenko, O.M. (Federal'noe Mediko-Biologicheskoe Agentstvo, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O deyatelnosti FMBA Rossii po okhrane zdorov'ya personala i naseleniya pri unichtozhenii khimicheskogo oruzhiya

p. 9-10

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PERSONNEL; HUMAN POPULATIONS; HEALTH HAZARDS; OCCUPATIONAL SAFETY; ENVIRONMENTAL PROTECTION; TOXICITY; POLLUTION CONTROL

Genetically engineered drugs of cytokines in toxicology and radiobiology

S63

Simbirtsev, A.S.; Ishchenko, A.M.; Petrov, A.V.; Ketlinskij, S.A. (Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Osobo Chistykh Biopreparatov FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Genno-inzhenernye preparaty tsitokinov v toksikologii i radiobiologii

p. 10-11

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIOBIOLOGY; TOXICITY; ANIMAL CELLS; PROTEIN ENGINEERING;

BIOCHEMICAL REACTION KINETICS; POLYPEPTIDES; DRUGS; OCCUPATIONAL SAFETY

Yesterday, present and future of space radiobiology

S63

Ushakov, I.B.; Boyarintsev, V.V.; Petrov, V.M.; Shtemberg, A.S. (Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vchera, segodnya i zavtra kosmicheskoy radiobiologii

p. 11

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIOBIOLOGY; SPACE FLIGHT; RADIATION PROTECTION; BIOLOGICAL RADIATION EFFECTS; OCCUPATIONAL SAFETY; RADIATION HAZARDS

Main current activities in the field of chemical safety

S54

Khamidulina, Kh.Kh. (Rossijskij Registr Potentsial'no Opasnykh Khimicheskikh i Biologicheskikh Veshchestv Rosprotrebnadzora, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Osnovnye sovremennye napravleniya deyatelnosti v oblasti khimicheskoy bezopasnosti
p. 12
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011

312 p.

OCCUPATIONAL SAFETY; ENVIRONMENTAL EFFECTS; ENVIRONMENTAL PROTECTION; HEALTH HAZARDS; CLASSIFICATION; NANOSTRUCTURES; TOXICITY

Dependence of toxicity of substituted phenols on location and type of substituents **S63**

Belostotskaya, I.S.; Burlakova, E.B.; Misin, V.M.; Nikiforov, G.A.; Khrapova, N.G.; Shtol'ko, V.N. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Zavisimost' toksichnosti zameshchennykh fenolov ot mestopolozheniya i tipa zamestitelej
p. 13-14
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011

312 p.

TOXICITY; PHENOLS; BIOLOGICAL EFFECTS; HEALTH HAZARDS; LABORATORY ANIMALS; RESEARCH PROGRAMS

Study of a new oxovanadium complex **S37**

Vorob'eva, N.M.; Fedorova, E.V. (Sankt-Peterburgskaya Gosudarstvennaya Khimiko-Farmatsevticheskaya Akademiya, Sankt-Peterburg (RU)); Eremin, A. (Sankt-Peterburgskij Gosudarstvennyj Tekhnologicheskij Inst., Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Issledovanie novogo kompleksa oksovanadiya

p. 14-15

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

VANADIUM COMPLEXES; CHEMICAL COMPOSITION; ORGANOMETALLIC COMPOUNDS; TOXICITY; LETHAL DOSES; DRUGS

Biomedical characteristics of organic phosphorus compounds

S37;S63

Nekhoroshev, A.S.; Zakharov, A.P.; Palagina, T.V.; Nekhorosheva, N.A. (Sankt-Peterburgskaya Gosudarstvennaya Meditsinskaya Akademiya imeni I.I. Mechnikova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Mediko-biologicheskaya kharakteristika fosfororganicheskikh soedinenij

p. 20

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ORGANIC PHOSPHORUS COMPOUNDS; BIOLOGICAL EFFECTS; HABITAT; TOXIC MATERIALS; MONITORING; TOXICITY; ORGANIC FLUORINE COMPOUNDS; AMIDES; CHEMICAL COMPOSITION

Scientific aspects of choice of priority indicators for forming toxicological

database

S63

Khamidulina, Kh.Kh.; Zamkova, I.V.; Egiazaryan, A.R.; Rabikova, D.N. (Rossijskij Registr Potentsial'no Opasnykh Khimicheskikh i Biologicheskikh Veshchestv Rospotrebnadzora, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Nauchnye aspekty vybora prioritnykh pokazatelej dlya formirovaniya toksikologicheskoy bazy dannykh

p. 23-24

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

TOXIC MATERIALS; ENVIRONMENTAL IMPACTS; TOXICITY; INFORMATION SYSTEMS; BIOLOGICAL EFFECTS; CHEMICAL PROPERTIES; PHYSICAL PROPERTIES

Radiation-dependent changes in the content of anthocyanins for camel thorn

S63

Abdullaeva, G.A.; Babaev, G.G.; Dzhafarov, Eh.S. (Inst. Radiatsionnykh Problem NAN Azerbajdzhana, Baku (AZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiatsionno-zavisimoe izmenenie soderzhaniya antotsianov dlya verblyuzh'ej kolyuchki

p. 25

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PLANTS; BIOLOGICAL RADIATION EFFECTS; CYANINE DYES; IONIZING RADIATIONS; ONTOGENESIS; DOSE-RESPONSE RELATIONSHIPS; CHRONIC IRRADIATION

Sensitivity of cyanobacterium *Synechocystis* sp. to the toxic effects of heavy metals

S63

Bogacheva, A.S.; Shilov, V.V.; Polozova, E.V. (Sankt-Peterburgskaya Meditsinskaya Akademiya Poslediplomnogo Obrazovaniya, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Chuvstvitel'nost' tsianobakterij *Synechocystis* sp. k toksicheskomu dejstviyu solej tyazhelykh metallov

p. 26

(RU)

Voenna-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

TOXIC MATERIALS; TOXICITY; BACTERIA; HEAVY METALS; CADMIUM SULFATES; HYDRATES; BIOLOGICAL EFFECTS; WATER POLLUTION

Dose assessment during nuclear power plant operation in Belarus

S63

Burkatskaya, E.N.; Vasil'ev, V.A. (Rossijskij Gosudarstvennyj Gidrometeorologicheskij Univ., Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka doz oblucheniya pri ehkspluatatsii atomnoj stantsii v Respublike Belarus'

p. 26-27

(RU)

Voenna-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BELARUS; DOSE-RESPONSE RELATIONSHIPS; WHOLE-BODY IRRADIATION; NUCLEAR POWER PLANTS; IODINE 131; STRONTIUM 90; CESIUM 137; INTERNAL IRRADIATION; REACTOR OPERATORS

On the effect of lead on public health

S54

Vasendin, D.V.; Firman, A.A.; Meshcheryakov, A.A.; Belyaeva, A.C. (Novosibirskij Gosudarstvennyj Meditsinskij Univ., Novosibirsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

K voprosu o vliyanii svintsa na zdorov'e naseleniya

p. 27

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LEAD; TOXICITY; BIOLOGICAL ACCUMULATION; WATER POLLUTION; LAND POLLUTION; ENVIRONMENTAL TRANSPORT; HEALTH HAZARDS

For resolving the situation of lead pollution

S54

Vasendin, D.V.; Firman, A.A.; Belyaeva, A.C.; Meshcheryakov, A.A. (Novosibirskij Gosudarstvennyj Meditsinskij Univ., Novosibirsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozmozhnye puti resheniya problemy svintsovogo zagryazneniya

p. 27-28

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
LEAD; HEALTH HAZARDS; LAND POLLUTION; WATER POLLUTION;
ENVIRONMENTAL TRANSPORT; AIR POLLUTION; REMEDIAL ACTION

Genetic variability in populations of pine (*Pinus Sylvestris* L.) under chronic radiation exposure

S63

Volkova, P.Yu.; Geras'kin, S.A.; Dikarev, V.G. (Vserossijskij Nauchno-Issledovatel'skij Inst. Sel'skokhozyajstvennoj Radiologii i Agroehkologii RASKhN, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Geneticheskaya izmenchivost' v populyatsiyakh sosny obyknovenoj (*Pinus sylvestris* L.) v usloviyakh khronicheskogo radiatsionnogo vozdejstviya

p. 28

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PINES; GENETIC RADIATION EFFECTS; RADIONUCLIDE MIGRATION; DOSE-RESPONSE RELATIONSHIPS; BIOLOGICAL ADAPTATION; LOW DOSE IRRADIATION; CHRONIC IRRADIATION; ZYGOTES

Analysis of ^{137}Cs specific activity in milk and biological human tissues

S63

Golub, V.V. (Mezhdunarodnaya Akademiya Informatsionnykh Tekhnologij, Minsk (BY)); Korbut, N.A.; Laptенок, S.A. (Belorusskij Natsional'nyj Tekhnicheskij Univ., Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Analiz raspredeleniya udel'noj aktivnosti ^{137}Cs v moloke i biologicheskikh tkanyakh cheloveka

p. 29

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

CESIUM 137; MILK; ANIMAL TISSUES; RADIONUCLIDE KINETICS; FOOD CHAINS; ENVIRONMENTAL EXPOSURE PATHWAY; CHILDREN

Dynamics of drosophila ontogenesis under microwave electromagnetic radiation depending on the genotype

S63

Gorenskaya, O.V. (Khar'kovskij Natsional'nyj Univ. imeni V.N. Karazina, Khar'kov (UA));

Gavrilov, A.B. (Vojskovaya Chast' nom. A0785, Khar'kov (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Dinamika ontogeneza drozofily pri dejstvii sverkhvysokochastotnogo ehlektromagnitnogo izlucheniya v zavisimosti ot genotipa

p. 30

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

DROSOPHILA; ONTOGENESIS; BIOLOGICAL RADIATION EFFECTS; GENOTYPE; MICROWAVE RADIATION; BIOCHEMICAL REACTION KINETICS; TIME DEPENDENCE

Morphofunctional changes in the organism of male rats with a long stay in the

Chernobyl exclusion zone

S63

Gorokh, G.A.; Fedosenko, O.L.; Petrenev, D.R.; Gun'kova, N.V.; Kozlov, A.E.; Sukhareva, D.V.; Stel'makh, V.S.; Vereshchako, G.G. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Morfofunktsional'nye izmeneniya v organizme krysa-samtsov pri dlitel'nom nakhozhdanii v zone otchuzhdeniya ChAEhS

p. 30-31

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; RATS; MALES; MORPHOLOGICAL CHANGES; BIOLOGICAL RADIATION EFFECTS; CESIUM 137; SURFACE CONTAMINATION; RADIOECOLOGICAL CONCENTRATION

Ecological and genetic processes in rodent populations from the local contamination

S63

Grigorkina, E.B.; Yalkovskaya, L.Eh. (Inst. Ehkologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU)); Tarasov, O.V. (Proizvodstvennoe Ob'edinenie Mayak, Ozersk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehkologo-geneticheskie protsessy v populyatsiyakh gryzunov iz zony lokal'nogo radioaktivnogo zagryazneniya

p. 31

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RODENTS; TERRESTRIAL ECOSYSTEMS; STRONTIUM 90; CHROMOSOMAL ABERRATIONS; GENE MUTATIONS; GENETIC RADIATION EFFECTS; URALS

Functional-ontogenetic determinism of accumulation strontium-90 in rodents of radioactive environment

S63

Grigorkina, E.B.; Olenev, G.V.; Verkhoturtev, M.S. (Inst. Ehkologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU)); Tarasov, O.V. (Proizvodstvennoe Ob'edinenie Mayak, Ozersk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Funktsional'no-ontogeneticheskaya determinirovannost' akkumulyatsii strontsiya-90 u gryzunov iz radioaktivnoj sredy

p. 32

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RODENTS; ONTOGENESIS; STRONTIUM 90; RADIONUCLIDE KINETICS; BIOLOGICAL MARKERS; CHRONIC IRRADIATION; DOSE-RESPONSE RELATIONSHIPS

Natural radionuclides in drinking water of Gomel region and internal dose formed due to their intake

S54

Grinevich, S.V.; Klement'eva, E.A.; Nikitin, A.N. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Soderzhanie estestvennykh radionuklidov v pit'evykh vodakh Gomel'skoj oblasti i formiruemye za schet ikh potrebleniya dozy vnutrennego oblucheniya

p. 32-33

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
BELARUS; RADIUM 226; POLONIUM 210; LEAD 210; INTERNAL IRRADIATION; DRINKING WATER; RADIATION DOSES; RADIOCHEMICAL ANALYSIS

Radioprotective effect of microelements in the contaminated areas

S54

Gudkov, I.N.; Lazarev, N.M.; Grusha, V.V.; Bidenko, V.N. (Natsional'nyj Univ. Bioresursov i Prirodopol'zovaniya Ukrainy, Kiev (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiozashchitnoe dejstvie mikroelementov na zagryaznennykh radionuklidami territoriyakh
p. 33

(RU)

Elements: Zn, Mn, Cu, Co

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; RADIONUCLIDE MIGRATION; TRACE AMOUNTS; RADIATION PROTECTION; BIOLOGICAL SHIELDING; SOILS

Distribution of radionuclides of Chernobyl origin in agrosystems of Belarus

S54

Gutseva, G.Z.; Nikitin, A.N. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Raspredelenie radionuklidov Chernobyl'skogo proiskhozhdeniya v agrosistemakh Belarusi

p. 33-34

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; CESIUM 137; STRONTIUM 90; ENVIRONMENTAL EXPOSURE PATHWAY; SOILS; RADIONUCLIDE MIGRATION

Macro- and micromorphological parameters of testes of small mammals in the gradient of toxic and radiation load

S63

Davydova, Yu.A.; Mukhacheva, S.V.; Chibiryak, M.V. (Inst. Ekhologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Makro- i mikromorfologicheskie parametry semennikov melkikh mlekopitayushchikh v gradiente toksicheskoj i radiatsionnoj nagruzki

p. 34

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

TESTES; RODENTS; URALS; TOXICITY; GENETIC RADIATION EFFECTS; MORPHOLOGICAL CHANGES; ENVIRONMENTAL IMPACTS

Simulation of ^{137}Cs migration in soils of pine plantations

S54

Dvornik, A.A. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Modelirovanie protsessov migratsii ^{137}Cs v pochvakh osnovnykh nasazhdenij

p. 35

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PINES; RADIONUCLIDE MIGRATION; TERRESTRIAL ECOSYSTEMS; CESIUM 137; SOILS; DIFFUSION; MATHEMATICAL MODELS

Behavior *Alhagi pseudalhagi* and *Zygophyllum L.* in conditions of chronic irradiation of high radiation background

S63

Dzhafarly, A.K.; Orudzheva, Dzh.R.; Gadzhieva, K.G.; Dzhafarov, Eh.S. (Inst. Radiatsionnykh Problem NAN Azerbajdzhana, Baku (AZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Povedenie *Alhagi pseudalhagi* i *Zygophyllum L.* v usloviyakh khronicheskogo oblucheniya povyshennogo radiatsionnogo fona

p. 35-36

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHRONIC IRRADIATION; LOW DOSE IRRADIATION; GRAMINEAE; PHOTOSYNTHESIS; BIOLOGICAL RADIATION EFFECTS; BIOLOGICAL ADAPTATION; BIOSYNTHESIS

Study of spring barley (*Hordeum vulgare L.*) polymorphism in resistance to effects of lead

S63

Dikarev, A.V.; Dikarev, V.G.; Dikareva, N.S. (Vserossijskij Nauchno-Issledovatel'skij Inst. Sel'skokhozyajstvennoj Radiologii i Agroehkologii RASKhN, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Izuchenie polimorfizma yarovogo yachmenya (*Hordeum vulgare* L.) po ustojchivosti k dejstviyu svintsa

p. 36

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BARLEY; LEAD; HEAVY METALS; TOXIC MATERIALS; ENVIRONMENTAL IMPACTS; POLLUTION; CHROMOSOMAL ABERRATIONS; DOSE-RESPONSE RELATIONSHIPS

Effect of microbiological preparations EM1 Konkur on accumulation of ^{137}Cs and ^{90}Sr by vegetable crops**S54**

Zakharenko, M.N.; Shamal', N.V.; Kudryashov, V.P. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie mikrobiologicheskogo preparata EM1 Konkur na nakoplenie ^{137}Cs i ^{90}Sr ovoshchnymi kul'turami

p. 37

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CESIUM 137; STRONTIUM 90; LETTUCE; CARROTS; RADIONUCLIDE MIGRATION;
RADIOECOLOGICAL CONCENTRATION; RADIATION PROTECTION

Medical-biological assessment of effects of persistent toxic substances on the health of indigenous peoples of the Arctic

S54

Zakharova, N.V.; Kuz'min, A.V. (Severo-Zapadnyj Nauchnyj Tsentr Gigieny i Obshchestvennogo Zdorov'ya, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Mediko-biologicheskaya otsenka vozdejstviya stojkikh toksichnykh veshchestv na zdorov'e korennykh narodov Arktiki

p. 37-38

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ARCTIC REGIONS; MINORITY GROUPS; RADIATION HAZARDS; FOOD CHAINS;
LAND POLLUTION; TOXIC MATERIALS; HEAVY METALS; BIOLOGICAL EFFECTS

Content of long-lived radionuclides in components of aquatic ecosystems of Belarus

S54

Zubareva, A.V. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Soderzhanie dolgozhivushchikh radionuklidov v komponentakh vodnykh ehkosistem Belarusi

p. 38

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BELARUS; AQUATIC ECOSYSTEMS; STRONTIUM 90; CESIUM 137; RADIONUCLIDE MIGRATION; TRANSURANIUM ELEMENTS; RADIOECOLOGICAL CONCENTRATION; REMEDIAL ACTION; DECONTAMINATION

Radiation-hygienic situation in towns on the territory, adjacent to the radiochemical enterprises

S54

Kazachenok, N.N.; Kostyuchenko, V.A.; Popova, I.Ya.; Kopelov, A.I.; Polyanchikova, G.V.; Tikhova, Yu.P.; Usol'tsev, D.V. (Ural'skij Nauchno-Prakticheskij Tsentr Radiatsionnoj Meditsiny FMBA Rossii, Chelyabinsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiatsionno-gigienicheskaya obstanovka v naseleennykh punktakh na territorii, prilgayushchej k radiokhimicheskomu predpriyatiyu

p. 39

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

URALS; MAYAK PLANT; STRONTIUM 90; CESIUM 137; RADIOACTIVITY; CONTAMINATION; RADIOECOLOGICAL CONCENTRATION; RADIONUCLIDE MIGRATION; TERRESTRIAL ECOSYSTEMS

Contamination of water reservoirs in the area of towns on the territory near the radiochemical enterprises

S54

Kazachenok, N.N.; Kostyuchenko, V.A.; Popova, I.Ya.; Polyanchikova, G.V.; Kononov, K.G.; Mel'nikov, V.S. (Ural'skij Nauchno-Prakticheskij Tsentr Radiatsionnoj Meditsiny FMBA Rossii, Chelyabinsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiatsionnoe zagryaznenie vodoemov v arealakh naselennykh punktov na territorii, prilegayushchej k radiokhimicheskomu predpriyatiyu

p. 39-40

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LAKES; MAYAK PLANT; RADIONUCLIDE MIGRATION; ENVIRONMENTAL EXPOSURE PATHWAY; WATER USE; TRITIUM; CESIUM 137; STRONTIUM 90; CONTROLLED AREAS

Lead and cadmium in edible mushrooms as a risk factor for health of population S54

Katsnel'son, B.A.; Mazhaeva, T.V.; Privalova, L.I. (Ekaterinburgskij Meditsinskij Nauchnyj Tsentr Profilaktiki i Okhrany Zdorov'ya Rabochikh Prompredpriyatij Rospotrebnadzora, Ekaterinburg (RU)); Bezel', V.S.; Mukhacheva, S.V.; Trubina, M.R.; Vorobejchik, E.L. (Inst. Ekhologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Svinets i kadmij v s"edobnykh gribakh kak faktor riska dlya zdorov'ya naseleniya

p. 40

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

MUSHROOMS; LEAD; CADMIUM; HEAVY METALS; ENVIRONMENTAL IMPACTS; POLLUTION; RISK ASSESSMENT; HEALTH HAZARDS; PUBLIC HEALTH

Ecological consequences of technogenic radionuclides air transfer in Sverdlovsk region from nuclear fuel cycle facilities, located in the Chelyabinsk region
S54

Korzhasvin, A.V.; Trapeznikov, A.V.; Trapeznikova, V.N.; Nikolkin, V.N.; Lisovskikh, V.G. (Inst. Ekhkologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehkologicheskie posledstviya vozdušnogo perenosa tekhnogennykh radionuklidov na territoriyu Sverdlovskoj oblasti s ob'ektov yadernogo toplivnogo tsikla, raspolozhennykh v Chelyabinskoy oblasti

p. 40-41

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL IMPACTS; MAYAK PLANT; CONTROLLED AREAS; RADIATION MONITORING; PLUTONIUM 239; PLUTONIUM 240; STRONTIUM 90; CESIUM 137; AERIAL MONITORING

Effects of radioactive, toxic and combined radiation-toxic pollution of environment on the prevalence of cancer incidence in children

S54

Korsakov, A.V. (Bryanskij Gosudarstvennyj Tekhnicheskij Univ., Bryansk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie radioaktivnoj, toksicheskoj i kombinirovannoj radiatsionno-toksicheskoj zagryaznennosti sredy na chastotu onkologicheskoj zaboлеваemosti u detej

p. 41

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DELAYED RADIATION EFFECTS; NEOPLASMS; CHILDREN; TOXIC MATERIALS;
CESIUM 137; REGIONAL ANALYSIS; ENVIRONMENTAL IMPACTS

Integrated ecological-epidemiological assessment of change in environment and health of children's population by methods correlation analysis

S54

Korsakov, A.V. (Bryanskij Gosudarstvennyj Tekhnicheskij Univ., Bryansk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Kompleksnaya ehkologo-ehpidemiologicheskaya otsenka izmenenij sostava sredy i zdorov'ya detskogo naseleniya metodami korrelyatsionnogo analiza

p. 42

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL IMPACTS; PATHOLOGICAL CHANGES; DISEASES; CHILDREN;
COMPARATIVE EVALUATIONS; CESIUM 137; DELAYED RADIATION EFFECTS

Comparative analysis of suitability components sample 2007 and 2008 from natural populations *Drosophila Melanogaster* of Ukraine inhabiting with different levels of contamination

S63

Kostenko, V.V.; Filiponenko, N.S.; Volkova, N.E.; Vorob'eva, L.I. (Khar'kovskij Natsional'nyj Univ. imeni V.N. Karazina, Khar'kov (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sravnitel'nyj analiz komponentov prisposoblennosti vyborok 2007 i 2008 godov iz prirodnykh populyatsij *Drosophila melanogaster* Ukrainy, obitayushchikh na territoriyakh s raznym

urovнем radiatsionnogo zagryazneniya

p. 42-43

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DROSOPHILA; DELAYED RADIATION EFFECTS; TIME DEPENDENCE;
ENVIRONMENTAL IMPACTS; RADIATION MONITORING; BIOLOGICAL
ADAPTATION; CONTROLLED AREAS; UKRAINE

Population effects of chronic anthropogenic pollutants

S54

Lyubashevskij, N.M.; Starichenko, V.I. (Inst. Ehkologii Rastenij i Zivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Populyatsionnye ehffekty khronicheskogo dejstviya antropogennykh pollyutantov

p. 43

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

POLLUTANTS; POLLUTION; BIOLOGICAL ADAPTATION; BIOLOGICAL EFFECTS;
HEALTH HAZARDS; ENVIRONMENTAL EFFECTS; RODENTS

Effects of radiation in low doses on the survival and fecundity of crustaceans

Daphnia Magna

S63

Malina, Yu.Yu. (Obninskij Inst. Atomnoj Ehnergetiki NIYaU MIFI, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie ioniziruyushchego izlucheniya v malykh dozakh na vyzhivaemost' i plodovitost' rachka *Daphnia magna*

p. 43-44

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CRUSTACEANS; LOW DOSE IRRADIATION; SURVIVAL CURVES; FERTILITY; BIOLOGICAL RADIATION EFFECTS; DOSE-RESPONSE RELATIONSHIPS; RADIATION PROTECTION

Changing phospholipid composition in nuclear subfractions of germinated wheat seeds under electromagnetic waves mm-range

S63

Minasbekyan, L.A. (Erevanskij Gosudarstvennyj Univ., Erevan (AM))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Izmenenie fosfolipidnogo sostava yadernykh subfraktsij prorstayushchikh semyan pshenitsy pod dejstviem ehlektromagnitnykh voln mm-diapazona

p. 44

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

WHEAT; SEEDS; ELECTROMAGNETIC RADIATION; PHOSPHOLIPIDS; GERMINATION; MORPHOLOGICAL CHANGES; IRRADIATION

Analysis of abundances of chemical and radiation pollution in atmospheric air by

means of three-dimensional GIS modeling

S54

Morzak, G.I.; Laptенок, S.A. (Belorusskij Natsional'nyj Tekhnicheskij Univ., Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Analiz rasprostraneniya khimicheskogo i radiatsionnogo zagryazneniya v atmosfernom vozdukhne sredstvami trekhmernogo GIS-modelirovaniya

p. 45

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

GEOGRAPHIC INFORMATION SYSTEMS; USES; POLLUTANTS; ENVIRONMENTAL EFFECTS; AIR POLLUTION; COMPUTERIZED SIMULATION; ABUNDANCE

Distribution of plutonium and americium isotopes on internal organs and tissue of cattle

S63

Nikitin, A.N.; Korol', R.A.; Puzan, N.A.; Grinevich, S.V. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Raspredelenie izotopov plutoniya i ameritsiya po vnutrennim organam i tkanyam krupnogo rogatogo skota

p. 46-47

(RU)

Pu-238, 239, 240, 241, Am-241

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIONUCLIDE MIGRATION; BONE TISSUES; MUSCLES; RADIONUCLIDE ADMINISTRATION; ORGANS; ENVIRONMENTAL EXPOSURE PATHWAY; BIOLOGICAL RADIATION EFFECTS

Ecological consequences of water pollution by petroleum and possible ways of their prevention

S54

Novikov, V.K. (Moskovskaya Gosudarstvennaya Akademiya Vodnogo Transporta, Moscow (RU)); Novikov, S.V. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehkologicheskie posledstviya zagryazneniya vodnoj sredy neft'yu i vozmozhnye puti ikh predotvrashcheniya

p. 47

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PETROLEUM; ENVIRONMENTAL EFFECTS; POLLUTION; AQUATIC ECOSYSTEMS; TOXICITY; SAFETY

Radiation and ecological consequences of accidents in the Southern Ural

S54

Peremyslova, L.M.; Kostyuchenko, V.A.; Popova, I.Ya.; Degteva, M.O.; Tolstykh, E.I. (Ural'skij Nauchno-Prakticheskij Tsentr Radiatsionnoj Meditsiny FMBA Rossii, Chelyabinsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiatsionno-ehkologicheskie posledstviya avarij na Yuzhnom Urale

p. 47-48

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
URALS; MAYAK PLANT; TECHA RIVER; ENVIRONMENTAL EFFECTS; STRONTIUM
90; CESIUM 137

**Mass transfer of radionuclides and heavy metals in the system #Left-Pointing
Double Angle Quotation Mark#Radioactive waste dumps - soil - plants#Right-
Pointing Double Angle Quotation Mark# and their effect on seed progeny of
alder bush (Deckhouse Fruticosa (Rupr) Pouzar)**

S63

*Prokop'ev, I.A.; Zhuravskaya, A.N.; Filippova, G.V. (Inst. Biologicheskikh Problem Kriolitozony
Sibirskogo Otdeleniya RAN, Yakutsk (RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Massoperenos radionuklidov i tyazhelykh metallov v sisteme #Left-Pointing Double Angle
Quotation Mark#radioaktivnye otvaly - grunt - rastenie#Right-Pointing Double Angle Quotation
Mark# i ikh vliyanie na semennoe potomstvo ol'khovnika kustarnikovogo (Dushekia fruticosa
(Rupr) Pouzar)

p. 49

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

SEEDS; RADIONUCLIDE MIGRATION; HEAVY METALS; SOILS; RADIOACTIVE
WASTES; PLANT TISSUES; RADIOMETRIC ANALYSIS; BIOLOGICAL RADIATION
EFFECTS

**Preliminary assessment of transuranium elements exposure in the body of
villagers at remote stages of the Chernobyl accident**

S63

Puzan, N.A.; Shamal', N.V.; Nikitin, A.N. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with

international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Predvaritel'naya otsenka postupleniya transuranovykh ehlementov v organizm sel'skogo zhitelya na otdalennom ehstape katastrofy na ChAEhS

p. 49-50

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; RADIONUCLIDE MIGRATION; AMERICIUM 241; PLUTONIUM 241; BELARUS; PLUTONIUM 239; PLUTONIUM 238; PLUTONIUM 240; VEGETABLES; DOSE-RESPONSE RELATIONSHIPS

Genetic variation in red-backed vole (*Clethrionomys Rutilus*) from the Eastern Ural radioactive trace

S63

Rakitin, S.B.; Grigorkina, E.B. (Inst. Ehkologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Geneticheskaya izmenchivost' u krasnoj polevki (*Clethrionomys rutilus*) iz zony Vostochno-Ural'skogo radioaktivnogo sleda

p. 50

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

VOLES; GENETIC RADIATION EFFECTS; URALS; STRONTIUM 90; RADIONUCLIDE MIGRATION; MAYAK PLANT; ENVIRONMENTAL EFFECTS

Physiological adaptations in animals the EURT in the remote period after radiation accidents

S63

Rasina, L.N. (Inst. Ekhologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU); Inst. Organicheskogo Sinteza imeni I.Ya. Postovskogo UrO RAN, Ekaterinburg (RU)); Orekhova, N.A. (Inst. Ekhologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Fiziologicheskaya adaptatsiya u zhivotnykh na VURSe v otdalennyj period posle radiatsionnoj avarii

p. 50-51

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DELAYED RADIATION EFFECTS; HOMEOSTASIS; BIOLOGICAL ADAPTATION; RADIONUCLIDE MIGRATION; VOLES; METABOLISM; ENVIRONMENTAL EFFECTS

Effects of ionizing radiation on soil invertebrates of Absheron

S54

Rasulova, Z.K.; Gusejnzade, G.A. (Inst. Zoologii NAN Azerbajdzhana, Baku (AZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozdejstvie ioniziruyushchej radiatsii na pochvennykh bespozvonochnykh Absherona

p. 51

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

AZERBAIJAN; INVERTEBRATES; SOILS; BIOLOGICAL RADIATION EFFECTS;
SURFACE CONTAMINATION; NATURAL RADIOACTIVITY; ENVIRONMENTAL
EFFECTS; BIOLOGICAL INDICATORS

Features of forming internal exposure doses of population in Chernobyl contaminated areas of Ukraine

S63

Romanchuk, L.D.; Malinovskij, A.S. (Zhitomirskij Natsional'nyj Agroehkologicheskij Univ., Zhitomir (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osobennosti formirovaniya dozy vnutrennego oblucheniya naseleniya na zagryaznennykh radionuklidami territoriyakh severnykh rajonov Ukrainy

p. 52

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; UKRAINE; RADIONUCLIDE KINETICS; ORAL ADMINISTRATION; MUSHROOMS; BERRIES; FOOD CHAINS; DELAYED RADIATION EFFECTS

Effect of normal operation of the Leningrad Nuclear Power Plant on radiation doses of population and the environment

S54

Smirnova, L.S. (Rossijskij Gosudarstvennyj Gidrometeorologicheskij Univ., Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie shtatnoj raboty Leningradskoj atomnoj ehlektrostantsii na dozovye nagruzki naseleniya i sostoyanie okruzhayushchej sredy

p. 52-53

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EXPOSURE; IONIZING RADIATIONS; RADIATION MONITORING; CONTROLLED AREAS; POPULATIONS; DOSE-RESPONSE RELATIONSHIPS; RADIATION DOSE DISTRIBUTIONS

"9"0Sr Dose effect on bone surfaces and bone marrow of rodents

S63

Starichenko, V.I.; Lyubashevskij, N.M. (Inst. Ehkologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Dozovye nagruzki "9"0Sr na kostnye poverkhnosti i kostnyj mozg u myshevidnykh gryzunov p. 53

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

STRONTIUM 90; RODENTS; URALS; BONE TISSUES; BONE MARROW; DELAYED RADIATION EFFECTS; RADIONUCLIDE MIGRATION; ENVIRONMENTAL EXPOSURE PATHWAY

Plutonium content in soil of some localities areas of #Left Double Quotation Mark#Mayak#Right Double Quotation Mark# periphery

S54

Tikhova, Yu.P.; Popova, I.Ya.; Kazachenok, N.N. (Ural'skij Nauchno-Prakticheskij Tsentr Radiatsionnoj Meditsiny FMBA Rossii, Chelyabinsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Soderzhanie plutoniya v pochve arealov nekotorykh naseleennykh punktov periferii PO #Left Double Quotation Mark#Mayak#Right Double Quotation Mark#

p. 53-54

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

MAYAK PLANT; SOILS; PLUTONIUM 238; PLUTONIUM 239; RADIONUCLIDE MIGRATION; RADIATION MONITORING; CONTROLLED AREAS; RADIOSENSITIVITY

On migration of uranium-238 in some water ecosystems of Ural

S54

Trapeznikov, A.V.; Korzhavin, A.V.; Trapeznikova, V.N.; Lisovskikh, V.G. (Inst. Ekhologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O migratsii urana-238 v ryade vodnykh ehkosistem Urala

p. 54

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

URANIUM 238; RADIONUCLIDE MIGRATION; TECHA RIVER; URALS; RADIATION MONITORING; CONTROLLED AREAS; MINERALIZATION; CONTAMINATION

Comparative analysis of lifespan in samples of 2007 and 2008 from natural populations *Drosophila Melanogaster* of Ukraine in territories with different

levels of contamination

S63

Filiponenko, N.S.; Kostenko, V.V.; Volkova, N.E.; Vorob'eva, L.I. (Khar'kovskij Natsional'nyj Univ. imeni V.N. Karazina, Khar'kov (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sravnitel'nyj analiz prodolzhitel'nosti zhizni vyborok 2007 i 2008 godov iz prirodnykh populyatsij *Drosophila melanogaster* Ukrainy, obitayushchikh na territoriyakh s raznym urovnem radiatsionnogo zagryazneniya

p. 55

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LIFE SPAN; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; COMPARATIVE EVALUATIONS; DROSOPHILA; DELAYED RADIATION EFFECTS; MUTATIONS

The mutation process and ontogenetic instability in rodent populations in the gradient of the chemical pollution of copper production

S54

Yalkovskaya, L.Eh.; Fominykh, M.A.; Mukhacheva, S.V. (Inst. Ekhologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Mutatsionnyj protsess i ontogeneticheskaya nestabil'nost' v populyatsiyakh gryzunov v gradiente khimicheskogo zagryazneniya medeplavil'nogo proizvodstva

p. 55-56

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RODENTS; MUTATIONS; ORIGIN; URALS; BIOLOGICAL EFFECTS; HEAVY METALS;
COPPER; POLLUTION

The role of laboratory diagnostics methods in the system of medical and biological monitoring

S62

Baranets, A.A.; Prigorelov, G.A. (Voennaya Akademiya Vojsk Radiatsionnoj, Khimicheskoy i Biologicheskoy Zashchity i Inzhenernykh Vojsk imeni Marshala Sovetskogo Soyuza S.K. Timoshenko, Kostroma (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Rol' metodov laboratornoj diagnostiki v sisteme mediko-biologicheskogo monitoringa

p. 57

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

DIAGNOSTIC USES; DIAGNOSTIC TECHNIQUES; PERSONNEL MONITORING;
MEDICAL SURVEILLANCE; METABOLISM; BIOCHEMICAL REACTION KINETICS;
TIME DEPENDENCE

Biological indication of production conditions influence on personnel of SSE #Left Double Quotation Mark#Complex#Right Double Quotation Mark# on radioactive waste management and decontamination in the Chernobyl exclusion zone

S63

Bezdrobnaya, L.K.; Tarasenko, L.V.; Tsyganok, T.V.; Nosach, Yu.A. (Inst. Yadernykh Issledovaniy NAN Ukrainy, Kiev (UA)); Senyuk, O.F. (Inst. Problem Bezopasnosti Atomnykh Ehlektrostantsij NAN Ukrainy, Chernobyl' (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Biologicheskaya indikatsiya vliyaniya proizvodstvennykh uslovij na personal GSP po

obrashcheniyu s radioaktivnymi otkhodami i dezaktivatsii #Left Double Quotation
Mark#Kompleks#Right Double Quotation Mark# v zone otchuzhdeniya ChAEhS
p. 57-58
(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

PERSONNEL MONITORING; BIOLOGICAL INDICATORS; BIOLOGICAL RADIATION
EFFECTS; LYMPHOCYTES; LOW DOSE IRRADIATION; CHROMOSOMAL
ABERRATIONS; COMPARATIVE EVALUATIONS

**Using tracer techniques for quantitative characteristics of processes absorption,
distribution throughout the body, accumulation and excretion when
administered orally by laboratory animals of nanoparticles of zinc oxide and
silver**

S60

*Buzulukov, Yu.P.; Demin, V.F.; Marchenkov, N.S. (Nauchnyj Issledovatel'skij Tsentr
Kurchatovskij Inst., Moscow (RU)); Solov'ev, V.Yu. (Federal'nyj Meditsinskij Biofizicheskij
Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Primenenie metoda mechenykh atomov dlya kolichestvennoj kharakteristiki protsessov
vsasyvaniya, raspredeleniya po organizmu, nakopleniya i ehkskretsii pri peroral'nom vvedenii
laboratornym zhivotnym nanochastits okisi tsinka i serebra

p. 58-59

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

TRACER TECHNIQUES; LABORATORY ANIMALS; BIOLOGICAL MARKERS;
BIOCHEMICAL REACTION KINETICS; NEUTRON ACTIVATION ANALYSIS;
NANOSTRUCTURES; SILVER 110; ZINC 65

Role of cytogenetic studies in the estimation of long-term consequences of ionizing radiation per person

S63

Vorobtsova, I.E. (Rossijskij Nauchnyj Tsentr Radiologii i Khirurgicheskikh Tekhnologij Minzdravsotsrazvitiya RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Rol' tsitogeneticheskikh issledovanij v otsenke otdalennykh posledstvij dejstviya ioniziruyushchej radiatsii na cheloveka

p. 59

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DELAYED RADIATION EFFECTS; IONIZING RADIATIONS; CHROMOSOMAL ABERRATIONS; DOSE-RESPONSE RELATIONSHIPS; DIAGNOSTIC USES; MEDICAL EXAMINATIONS; RADIOLOGY

Use of plant test systems for forecasting remote radiobiological effects

S63

Gogebashvili, M.Eh.; Ivanishvili, N.I. (Nauchno-Issledovatel'skij Inst. Radiologii i Agroekologii, Tbilisi (GE))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozmozhnosti ispol'zovaniya rastitel'nykh test-sistem dlya prognozirovaniya otdalennykh radiobiologicheskikh ehffektov

p. 59-60

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.

DELAYED RADIATION EFFECTS; RISK ASSESSMENT; RADIATION MONITORING;
TEMPERATURE RANGE 0273-0400 K; TEMPERATURE DEPENDENCE; PLANT CELLS;
GY RANGE 01-10

Cytogenetic disorders in lymphocytes of peripheral blood in long-term period in persons exposed to acute accidental exposure

S63

Golub, E.V. (Meditsinskij Radiologicheskij Nauchnyj Tsentr Minzdravsotsrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Tsitogeneticheskie narusheniya v limfotsitakh perifericheskoy krovi v otdalennye sroki u lits, podvergnutih ostromu avariynomu oblucheniyu

p. 60
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.

DELAYED RADIATION EFFECTS; CHROMOSOMAL ABERRATIONS; LYMPHOCYTES;
GENE MUTATIONS; PATHOLOGICAL CHANGES; GAMMA RADIATION; MEDICAL
EXAMINATIONS; RADIATION ACCIDENTS

Prediction of toxic chemicals using cell cultures of immune system of mammals

S63

Gorshenin, A.V.; Filatov, B.N. (Nauchno-Issledovatel'skij Inst. Gigieny, Toksikologii i Profpatologii FMBA Rossii, Volgograd (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Prognozirovanie toksichnosti khimicheskikh veshchestv s ispol'zovaniem kul'tur kletok immunoj sistemy mlekopitayushchikh

p. 61

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

MAMMALS; IMMUNE REACTIONS; TOXINS; TISSUE CULTURES; CELL CULTURES; IN VITRO; FORECASTING; MATHEMATICAL MODELS

About the possibility of establishing neutron therapy on the basis of the complex of systems 12 CRI defense

S62

Grabskij, Yu.V.; Kostyaev, S.V.; Pertsev, S.F.; Rymar', A.I. (12 Tsentral'nyj Nauchno-Issledovatel'skij Inst. MO RF, Sergiev Posad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O vozmozhnosti sozdaniya tsentra nejtronnoj terapii na baze dejstvuyushchego kompleksa ustanovok 12 TsNII MO

p. 61-62

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

NEUTRON THERAPY; THERAPEUTIC USES; NEOPLASMS; IONIZING RADIATIONS; MEDICAL SURVEILLANCE; RADIATION DOSES; RADIATION PROTECTION

Cytogenetic effects in human blood lymphocytes after fractionated and single exposure of ^{60}Co gamma rays in low doses in vitro

S63

Emel'yanova, N.A. (Ob''edinennyj Inst. Yadernykh Issledovaniy, Dubna (XJ)); Repina, L.A. (Gosudarstvennyj Nauchnyj Tsentr RF - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Tsitogeneticheskie ehffekty v limfotsitakh krovi cheloveka posle fraktsionirovannogo i odnokratnogo vozdeystviya gamma-luchej "6"0Co v nizkikh dozakh in vitro

p. 62-63

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

LYMPHOCYTES; GENETIC RADIATION EFFECTS; FRACTIONATED IRRADIATION; COBALT 60; LOW DOSE IRRADIATION; IN VITRO; ANIMAL CELLS; CHROMOSOMAL ABERRATIONS

Method of integral evaluation of biomedical effects in group of experimental animals with fatal consequences

S63

Ivanov, A.A. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)); Severyukhin, Yu.S.; Kryuchkova, D.M.; Parkhomenko, A.Yu. (Ob''edinennyj Inst. Yadernykh Issledovaniy, Dubna (XJ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sposob integral'noj otsenki biomeditsinskogo ehffekta v gruppe ehksperimental'nykh zhivotnykh s letal'nym iskhodom

p. 63

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

LETHAL MUTATIONS; SURVIVAL TIME; TIME DEPENDENCE; MORTALITY;
LABORATORY ANIMALS; BIOCHEMICAL REACTION KINETICS; RELIABILITY;
BIOLOGICAL RADIATION EFFECTS

Possibility of post emergency estimating the doses on mini-probes of tooth enamel

S61

Izhevskij, P.V. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)); Ilevich, Yu.R. (Tsentral'naya Poliklinika FTS Rossii, Moscow (RU)); Smel'tsov, A.V.; Olesova, V.N. (Inst. Povysheniya Kvalifikatsii FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozmozhnosti postavarijnoj otsenki doz po mini-probe ehmalizubov

p. 64

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BIOLOGICAL INDICATORS; TEETH; IRRADIATION; RADIATION ACCIDENTS;
PERSONNEL MONITORING; PERSONNEL DOSIMETRY; ENAMELS; CUMULATIVE
RADIATION EFFECTS

Immunohistochemical investigation of bone marrow in the diagnosis of hematopoiesis injuries of radiation genesis

S62

Kvacheva, Yu.E. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Immunogistokhimicheskoe issledovanie kostnogo mozga v diagnostike porazhenij krovotvorenija radiatsionnogo geneza

p. 65

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
ANTIGENS; HISTOLOGICAL TECHNIQUES; PATHOGENESIS; GENE THERAPY; BONE MARROW; DIAGNOSTIC TECHNIQUES; DIAGNOSTIC USES

Analysis of cytogenetic damages In human lymphocytes to create calibration curves for radiation dose assessment

S61

Kutsalo, P.V.; Zajtseva, E.M.; Mitsyn, G.V.; Molokanov, A.G.; Gaevskij, V.N.; Timoshenko, G.N. (Ob"edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ)); Deperas-Kamin'ska, M. (Ob"edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ)); Univ. imeni Ya. Kokhanovskogo, Kel'tse (PL)); Vojchik, A. (Univ. imeni Ya. Kokhanovskogo, Kel'tse (PL)); Otdelenie Geneticheskoy Mikrobiologii i Toksikologii Stokgol'mskogo Univ., Stokgol'm (SE))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Analiz tsitogeneticheskikh povrezhdenij v limfotsitakh cheloveka s tsel'yu sozdaniya kalibrovochnykh krivykh dlya otsenki dozy oblucheniya

p. 67-68

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LYMPHOCYTES; ABSORBED RADIATION DOSES; CHROMOSOMAL ABERRATIONS; DOSE-RESPONSE RELATIONSHIPS; PERSONNEL DOSIMETRY; CALIBRATION; DIAGRAMS

Estimates of the number of micronuclei in lymphocytes - possible biodosimetric method for miners in uranium mines

S61

Navratil, L.; Rosina, J.; Gon, Z.; Sabol, J. (Cheshskij Tehnicheskij Univ., Fakul'tet

Biomeditsinskoj Inzhenerii, Praga (CZ)); Zoelzer, F.; Shkopek, Yu.; Gavrankova, R.; Freitinger-Skalitska, Z. (Yuzhnocheshskij Univ., Mediko-Sotsial'nyj Fakul'tet, Cheshske Budejovitse (CZ)); Bradka, S. (Gosudarstvennyj Inst. Yadernoj, Khimicheskoj i Biologicheskoy Zashchity, Kamennaya (CZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka kolichestva mikroyader v limfotsitakh - vozmozhnyj biodozimetricheskiy metod u shakhterov v uranovykh shakhtakh

p. 69

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PERSONNEL DOSIMETRY; OCCUPATIONAL EXPOSURE; LYMPHOCYTES; MINERS; URANIUM MINES; RADIATION DETECTION; BIOLOGICAL MARKERS

Clinical laboratory diagnosis when radiation and chemical injuries

S63

Pastushenkov, V.L.; Grigoryan, A.R. (Assotsiatsiya Nezavisimykh Kliniko-Diagnosticheskikh Laboratorij Sitilab, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Klinicheskaya laboratornaya diagnostika pri radiatsionnykh i khimicheskikh porazheniyakh

p. 72

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DIAGNOSTIC TECHNIQUES; DIAGNOSTIC USES; BIOLOGICAL PATHWAYS;
BIOLOGICAL STRESS; CYTOLOGICAL TECHNIQUES; RADIATION SYNDROME;
RADIATION INJURIES

Role and place of immunological methods in the problem of chemical safety
S63

Petlenko, S.V.; Bogdanova, E.G.; Ivanov, M.B.; Zhekalov, A.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Golubkov, A.V. (1410 Tsentr Gosudarstvennogo Sanitarno-Ehpidemiologicheskogo Nadzora MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Rol' i mesto immunologicheskikh metodov v probleme obespecheniya khimicheskoy bezopasnosti

p. 72-73

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

OCCUPATIONAL SAFETY; PERSONNEL; IMMUNE REACTIONS; ENVIRONMENTAL EFFECTS; RISK ASSESSMENT; RESPONSE MODIFYING FACTORS; BIOLOGICAL EFFECTS; POLLUTION

Increasing flow capacity of cytogenetic laboratories when absorbed doses assessment of radiation exposure: using fast methods of dicentric analysis and its conduct in real time

S63

Repin, M.V. (Ob''edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ)); Repina, L.A. (Gosudarstvennyj Nauchnyj Tsentr RF - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Uvelichenie propusknoj sposobnosti tsitogeneticheskikh laboratorij pri otsenke pogloshchennykh doz radiatsionnogo vozdejstviya: primenenie bystrykh metodov ditsentricheskogo analiza i ego provedenie v rezhime real'nogo vremeni

p. 73

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ABSORBED RADIATION DOSES; LYMPHOCYTES; PERSONNEL DOSIMETRY;

DICENTRIC CHROMOSOMES; RADIATION INJURIES; OCCUPATIONAL EXPOSURE

Development of state standard samples for blood containing mercury

S63

Rutkovskij, G.V.; Glushkov, R.K.; Malov, A.M.; Mukovskij, L.A.; Semenov, E.V.; Sibiryakov, V.K. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Razrabotka gosudarstvennogo standartnogo obraztsa sostava krovi, sodержashchej rtut'
p. 73-74

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

MERCURY; TOXICITY; CHRONIC EXPOSURE; CALIBRATION STANDARDS;

BIOLOGICAL INDICATORS; DETECTION; BIOLOGICAL EFFECTS

Calibration curve dose-frequency of dicentrics with a total fractionated irradiation of man for biodosimetry

S61

Semenov, A.V. (Rossijskij Nauchnyj Tsentr Radiologii i Khirurgicheskikh Tekhnologij Minzdravsotsrazvitiya RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Postroenie kalibrovochnoj krivoj doza-chastota ditsentrikov pri obshchem fraktsionirovannom obluchenii cheloveka dlya tselej biodozimetrii

p. 74

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

FRACTIONATED IRRADIATION; DOSE-RESPONSE RELATIONSHIPS; DIAGRAMS; PERSONNEL DOSIMETRY; CHROMOSOMAL ABERRATIONS; RADIATION DOSES; IN VITRO

Experimental and biological reasons in variability of the #Left-Pointing Double Angle Quotation Mark#Comet assay#Right-Pointing Double Angle Quotation Mark# results

S63

Sirota, N.P.; Kuznetsova, E.A. (Inst. Teoreticheskoy i Ehksperimental'noj Biofiziki RAN, Pushchino (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehksperimental'nye i biologicheskie prichiny variabel'nosti rezul'tatov #Left-Pointing Double Angle Quotation Mark#Comet assay#Right-Pointing Double Angle Quotation Mark#

p. 75

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ELECTROPHORESIS; RADIATION MONITORING; BIOLOGICAL VARIABILITY; DNA DAMAGES; RADIATION INJURIES; DNA REPLICATION; BIOASSAY

Genetic methods of biological indication and biodosimetry of chemical and radiation exposures (Theoretical aspects and experience of FSBI ARCERM after A.M. Nikiforof MES Russia)

S61

Slozina, N.M. (Vserossijskij Tsentr Ehkstretnoj i Radiatsionnoj Meditsiny imeni A.M. Nikiforova MChS Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Geneticheskie metody biologicheskoy indikatsii i biodozimetrii khimicheskikh i radiatsionnykh vozdeystvij (Teoreticheskie aspekty i opyt raboty FGUZ VTsEhRM imeni A.M. Nikiforova MChS Rossii)

p. 75-76

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BIOASSAY; GENE MUTATIONS; RISK ASSESSMENT; BIOLOGICAL INDICATORS; ENVIRONMENTAL EXPOSURE; HAZARDOUS MATERIALS; IONIZING RADIATIONS

Determination of trace elements in blood by AAS-ETA with the Zeeman background correction

S61

Solov'ev, N.D.; Ivanenko, N.B.; Ivanenko, A.A.; Blazhennikova, I.V. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Opređenje mikroelementov v krvi metodom AAS-EhTA s Zeemanovskoj korektsiej fona

p. 76

(RU)

Cd, Tl, Hg, Cr, Mn, Ti

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DIAGNOSTIC USES; ATOMIZATION; BLOOD; BIOASSAY; COMPARATIVE EVALUATIONS; PERFORMANCE TESTING; RELIABILITY

Assessment of the level of extracellular mitochondrial DNA in blood serum of people in normal and tumors radiotherapy

S62

Strelkova, I.Yu.; Sirota, N.P.; Fomenko, L.A.; Bezlepkin, V.G.; Gaziev, A.I. (Inst. Teoreticheskoy i Eksperimental'noj Biofiziki RAN, Pushchino (RU)); Snigireva, G.P. (Rossijskij Nauchnyj Tsentr Rentgenoradiologii Rosmedtekhnologij, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka urovnya vnekletочноj mitokhondrial'noj DNK v plazme krovi lyudej v norme i pri radioterapii opukholi

p. 76-77

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BIOLOGICAL MARKERS; BLOOD SERUM; MITOCHONDRIA; MUTATIONS; DIAGNOSTIC USES; COMPARATIVE EVALUATIONS; RADIOTHERAPY

Assessment nuclear DNA damage in cells of peripheral blood of persons, professionally connected with the effect of chemical hazardous factors

S63

Tomilin, N.V.; Petrov, A.N.; Fil'ko, O.A. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU)) (and others)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka stepeni povrezhdeniya yadernoj DNK v kletkakh perifericheskoy krovi lyudej, professional'no svyazannykh s vozdejstviem vrednykh khimicheskikh faktorov
p. 77-78

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

OCCUPATIONAL SAFETY; HEALTH HAZARDS; TOXICITY; DNA DAMAGES;
LEUKOCYTES; CHROMOSOMAL ABERRATIONS

Changes of radioresistance of organism and their control by electron paramagnetic resonance

S61

Sharygin, V.L.; Pulatova, M.K. (Inst. Khimicheskoy Fiziki imeni N.N. Semanova RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Kontrol' izmenenij radiorezistentnosti organizma metodom ehlektronnogo paramagnitnogo rezonansa

p. 79-80

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; GAMMA RADIATION; DNA DAMAGES; RADIATION INJURIES; GENETIC CONTROL; ELECTRON SPIN RESONANCE

Blood erythrocytes - a model for estimation of consequences of impacts factors of physical and chemical nature

S63

Shevchenko, O.G. (Inst. Biologii Komi NTs UrO RAN, Syktyvkar (RU)); Shishkina, L.N. (Inst.

Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehritrotsity krovi - model' dlya otsenki formirovaniya posledstvij vozdejstviya faktorov fizicheskoy i khimicheskoy prirody

p. 80

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ERYTHROCYTES; DELAYED RADIATION EFFECTS; RODENTS; GAMMA RADIATION; LOW DOSE IRRADIATION; TOXIC MATERIALS

Program of monitoring planning of dose additional radiation therapy of neoplasm based on the decision of radiative transfer equation

S62

Shejno, I.N.; Khokhlov, V.F.; Izhevskij, P.V.; Fedotov, Yu.A. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana, Moscow (RU)); Bass, L.P.; Nikolaeva, O.V. (Inst. Prikladnoj Matematiki imeni M.V. Keldysha RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Programma dozimetricheskogo planirovaniya dozsaplimentarnoj luchevoj terapii opukholej na osnove resheniya uravneniya perenosa izluchenij

p. 81

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

Evaluation of preventing social radiation risk (damage) in the Chernobyl accident conditions

S54

Bakalova, O.N. (Vserossijskij Nauchno-Issledovatel'skij Inst. Sel'skokhozyajstvennoj Radiologii i Agroekologii RASKhN, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka predotvrashchennogo sotsial'nogo radiatsionnogo riska (ushcherba) v usloviyakh Chernobyl'skoj avarii

p. 83

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; RADIATION HAZARDS; SOCIO-ECONOMIC FACTORS; ETHICAL ASPECTS; RADIATION PROTECTION; ENVIRONMENTAL EFFECTS

Risk assessment of congenital pathology in persons exposed to sources of radiation

S63

Izhevskij, P.V. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Metodika otsenki riska razvitiya vrozhdennoj patologii u lits, kontaktiruyushchikh s istochnikami ioniziruyushchego izlucheniya

p. 83-84

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
RISK ASSESSMENT; RADIATION HAZARDS; MAYAK PLANT; REPRODUCTION;
PERSONNEL DOSIMETRY; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS;
PATHOLOGY; PREGNANCY

To the estimation of emotional state of residents in uranium province Kadzhisai in the Kyrgyz republic

S54

*Kadyrova, T.M.; Kim, A.S.; Alieva, A.Sh. (Kyrgyzskaya Gosudarstvennaya Meditsinskaya
Akademiya imeni I.K. Akhunbaeva, Bishkek (KG))*

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

K otsenke ehmotSIONal'noj sfery zhitelej uranovoj provintsii Kadzhisaj v Kyrgyzskoj Respublike
p. 84

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; BIOLOGICAL ADAPTATION; ETHICAL ASPECTS;
RADIATION PROTECTION; SAFETY CULTURE; BEHAVIOR; RADIATION HAZARDS;
KYRGYZSTAN

Morbidity and mortality of participants of accident liquidation at the Chernobyl NPP: assessment of radiation risks, the observation period 1992-2008

S63

*Kashcheev, V.V.; Ivanov, V.K.; Chekin, S.Yu.; Maksyutov, M.A.; Tumanov, K.A. (Meditsinskij
Radiologicheskij Nauchnyj Tsentr Minzdravstvosrazvitiya RF, Obninsk (RU))*

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Zabolevaemost' i smertnost' uchastnikov likvidatsii posledstvij avarii na Chernobyl'skoj AEhS: otsenka radiatsionnykh riskov, period nablyudeniya 1992-2008 gg
p. 85
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DISEASE INCIDENCE; MORTALITY; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; RISK ASSESSMENT; RADIATION HAZARDS; RADIATION INJURIES; NEOPLASMS; BLOOD CIRCULATION

Creating groups of potential cancer risk at occupational exposure based on the technology of molecular and radiation epidemiology

S63

Kashcheeva, P.V.; Ivanov, V.K.; Zamulaeva, I.A.; Saenko, A.S. (Meditsinskij Radiologicheskij Nauchnyj Tsentr Minzdravsotsrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Formirovanie grupp potentsial'nogo onkologicheskogo riska pri professional'nom obluchenii na osnove tekhnologij molekulyarnoj i radiatsionnoj ehpidemiologii

p. 85

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; NEOPLASMS; OCCUPATIONAL EXPOSURE; OCCUPATIONAL SAFETY; GENE MUTATIONS; BIOLOGICAL RADIATION EFFECTS; EPIDEMIOLOGY

Risk assessment methodology in toxicological studies

S63

Kushnir, L.A. (Pervyj Moskovskij Gosudarstvennyj Meditsinskij Univ. imeni I.M. Sechenova, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Metodologiya otsenki riska v toksikologicheskikh issledovaniyakh

p. 86-87

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; XENOBIOTICS; HEALTH HAZARDS; AIR POLLUTION CONTROL; POLLUTANTS; CARCINOGENESIS; MEDICAL SURVEILLANCE

Analytic properties of hyperbolic functions to assess the consequences of ionizing radiation on the human body

S63

Laptenok, S.A. (Belorusskij Natsional'nyj Tekhnicheskij Univ., Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ispol'zovanie analiticheskikh svojstv giperbolicheskikh funktsij pri otsenke posledstvij vozdejstviya ioniziruyushchikh izluchenij na organizm cheloveka

p. 87-88

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DISEASE INCIDENCE; FORECASTING; RADIATION ACCIDENTS; IONIZING RADIATIONS; RADIATION HAZARDS; DELAYED RADIATION EFFECTS; COMPUTERIZED SIMULATION

Assessment of radiation risks of oncological diseases and oncomortality considering gender and age under irradiation

S63

Menyajlo, A.N.; Ivanov, V.K.; Chekin, S.Yu.; Kashcheev, V.V. (Meditsinskij Radiologicheskij Nauchnyj Tsentri Minzdravsotsrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka radiatsionnykh riskov onkozabolevaemosti i onkosmertnosti s uchetom pola i vozrasta pri obluchenii

p. 88

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; CARCINOGENESIS; MORTALITY; DISEASE INCIDENCE; COMPARATIVE EVALUATIONS; RADIATION HAZARDS; AGE DEPENDENCE; SEX DEPENDENCE

Features of reaction to radiotherapy in cancer patients exposed to chronic accidental irradiation (to the problem)

S63

Mozerova, E.Ya.; Vazhenin, A.V.; Akleev, A.V.; Sharabura, T.M. (Chelyabinskij Okruzhnoj Klinicheskij Onkologicheskij Dispanser - Klinicheskaya Baza Rossijskogo Nauchnogo Tsentra Rentgenoradiologii Roszdrava RF, Chelyabinsk (RU); Ural'skaya Gosudarstvennaya Meditsinskaya Akademiya Dopolnitel'nogo Obrazovaniya, Chelyabinsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osobennosti reaktsii na lucheuyu terapiyu u onkologicheskikh bol'nykh, podvergshikhsya khronicheskomu avariynomu oblucheniyu (k postanovke problemy)

p. 89-90

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
EXTERNAL BEAM RADIATION THERAPY; CHRONIC INTAKE; LOW DOSE
IRRADIATION; NEOPLASMS; TECHA RIVER; RISK ASSESSMENT; MAYAK PLANT

Assessment of the effects of air pollution

S54

Nazarenko, D.I.; Afanas'eva, A.A.; Shvetsova-Shilovskaya, T.N. (Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Organicheskoy Khimii i Tekhnologii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Otsenka posledstvij zagryazneniya atmosfernogo vozdukha

p. 90

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

AIR POLLUTION; AIR POLLUTION CONTROL; ENVIRONMENTAL EFFECTS; HEALTH
HAZARDS; DAMAGE; COST ESTIMATION

Methodological principles for estimation of socio-economic damage

S29

Nazarenko, D.I.; Shvetsova-Shilovskaya, T.N.; Ivanov, D.E.; Gromova, T.V. (Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Organicheskoy Khimii i Tekhnologii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Metodologicheskie osnovy otsenki sotsial'no-ehkonomicheskogo ushcherba

p. 90-91

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
DAMAGE; RISK ASSESSMENT; SAFETY ANALYSIS; SOCIO-ECONOMIC FACTORS; ECONOMIC IMPACT; HEALTH HAZARDS

Radiation and chemical risks in genetically heterogeneous population

S63

Tel'nov, V.I. (Yuzhno-Ural'skij Inst. Biofiziki FMBA Rossii, Ozersk, Chelyabinskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiatsionnyj i khimicheskij risk v geneticheski geterogennoj populyatsii

p. 91

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; GENETIC RADIATION EFFECTS; MAYAK PLANT; ECOLOGICAL BALANCE; DETERMINISTIC ESTIMATION; GENOTYPE; SAFETY ANALYSIS

Risk assessment of cerebrovascular disease of the liquidators of the Chernobyl NPP accident, employees of nuclear industry

S63

Tukov, A.R.; Shafranskij, I.L.; Prokhorova, O.N. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka riska zabolevaniya tserebrovaskulyarnymi boleznyami likvidatorov posledstvij avarii na

Chernobyl'skoj AEhS, rabotnikov predpriyatij atomnoj promyshlennosti

p. 92

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; HEALTH HAZARDS; DELAYED RADIATION EFFECTS; RADIATION SYNDROME; RADIATION INJURIES

Application of spatial analysis to study the dynamics of environmentally induced morbidity with the use of Geographic Information Systems technology

S54

Khoreva, S.A.; Laptенок, S.A. (Belorusskij Natsional'nyj Tekhnicheskij Univ., Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Primenenie metodov prostranstvennogo analiza dlya izucheniya dinamiki ehkologicheski obuslovlennoj zabolevaemosti s ispol'zovaniem tekhnologii Geograficheskikh informatsionnykh sistem

p. 92-93

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

GEOGRAPHIC INFORMATION SYSTEMS; HEALTH HAZARDS; DISEASE INCIDENCE; ENVIRONMENTAL EFFECTS; SYSTEMS ANALYSIS; BELARUS; USES

Advantages of risk assessments based on multistage models of neoplastic cell transformation kinetics

S63

Shafranskij, I.L.; Tukov, A.R. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I.

Burnazyana FMBA Rossii, Moscow (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Preimushchestva otsenok riska na osnove mnogostadijnykh modelej kinetiki neoplasticheskoy transformatsii kletki

p. 93-94

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

RISK ASSESSMENT; NEOPLASMS; DETERMINISTIC ESTIMATION; CELL TRANSFORMATIONS; KINETICS; CUMULATIVE RADIATION EFFECTS; CHRONIC IRRADIATION

Quantitative evaluation of intensity of adaptation processes in the body based on analysis of cytogenetic and morphological examinations of bone marrow and peripheral blood at chronic influence of chemical and radiation factors

S63

Barantseva, M.Yu.; Tatarkin, S.V.; Mukhamedieva, L.N.; Shafirkin, A.V. (Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Kolichestvennaya otsenka napryazhennosti adaptatsionnykh protsessov v organizme po rezul'tatam analiza tsitogeneticheskikh i morfologicheskikh issledovanij kostnogo mozga i perifericheskoy krovi pri khronicheskom vozdejstvii khimicheskogo i radiatsionnogo faktorov

p. 97-98

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

BONE MARROW; CHRONIC INTAKE; DETERMINISTIC ESTIMATION; RISK ASSESSMENT; BIOLOGICAL ADAPTATION; CHROMOSOMAL ABERRATIONS; INJURIES

Impact of heavy metals mixture on nuclease activity of blood plasma in rats
S63

Elaeva, N.L.; Semenov, E.V.; Malov, A.M.; Sibiryakov, V.K.; Rutkovskij, G.V.; Ivanenko, A.A.; Glushkov, R.K. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozdejstvie smesi tyazhelykh metallov na nukleaznuyu aktivnost' plazmy krovi kry

p. 102

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

BLOOD PLASMA; RATS; HEAVY METALS; SINGLE INTAKE; INJURIES; TOXICITY; ECOLOGICAL CONCENTRATION; ENVIRONMENTAL TRANSPORT

Experimental model of ecopollutants chronic exposure on organism

S63

Kozlova, M.Ya.; Preobrazhenskaya, T.N. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Lebedeva, E.S. (Nauchno-Issledovatel'skij Inst. Pul'monologii Sankt-Peterburgskogo Gosudarstvennogo Meditsinskogo Univ. imeni akademika I.P. Pavlova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehksperimental'naya model' khronicheskogo vozdejstviya na organizm ehkopollyutantov

p. 105

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
CHRONIC INTAKE; AIR POLLUTION; RATS; PATHOLOGICAL CHANGES;
ENVIRONMENTAL TRANSPORT; ENVIRONMENTAL EFFECTS

Study of combined chronic influence of Vx and external general gamma irradiation in sub-toxic doses on nervous activity

S63

Mikshita, A.Yu.; Gorbunov, D.V. (33 Tsentral'nyj Nauchno-Issledovatel'skij Ispytatel'nyj Inst. MO RF, Vol'sk-18 (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Issledovanie kombinirovannogo khronicheskogo vozdejstviya na nervnuyu deyatel'nost' Vx i vneshnego obshchego gamma-oblucheniya v subtoksicheskikh dozakh

p. 110-111

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

GAMMA RADIATION; DELAYED RADIATION EFFECTS; INHALATION; POLLUTION;
NERVOUS SYSTEM; HEALTH HAZARDS

Mechanism of cadmium cytotoxic effect when single and chronic exposures on rats

S63

Mirzoev, Eh.B.; Kobyalko, V.O. (Vserossijskij Nauchno-Issledovatel'skij Inst. Sel'skokhozyajstvennoj Radiologii i Agroehkologii RASKhN, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Mekhanizmy tsitotoksicheskogo dejstviya kadmiya pri odnokratnom i khronicheskom vozdejstviyakh na krys

p. 111

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RATS; CHRONIC INTAKE; SINGLE INTAKE; METABOLISM; BIOCHEMICAL REACTION KINETICS; CADMIUM

Evaluation of certain indexes of endogenous intoxication in humans with low doses of ecotoxicants

S63

Semenov, E.V.; Elaeva, N.L.; Ivanova, T.M.; Malov, A.M.; Ivanova, A.S.; Sizova, K.V.; Shestova, G.V. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka nekotorykh pokazatelej ehndogennoj intoksikatsii u cheloveka pri dejstvii malykh doz ehkotoksikantov

p. 117

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CADMIUM; BLOOD; HEMIC DISEASES; PATIENTS; DOSE-RESPONSE RELATIONSHIPS; BIOLOGICAL INDICATORS; TOXICITY; CHRONIC EXPOSURE

Immunosuppressive and attractive properties of volatiles induced in mice by separate and combined effects of ionizing radiation and chemicals

S63

Abramova, M.R.; Surinov, B.P. (Meditsinskij Radiologicheskij Nauchnyj Tsentr

Minzdravsotsrazvitiya RF, Obninsk (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Immunosuppressivnye i attraktivnye svoystva letuchikh vydelenij, indutsirovannykh u myshej razdel'nym i sochetannym vozdeystviem ioniziruyushchej radiatsii i khimicheskikh veshchestv p. 121

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

IONIZING RADIATIONS; TOXICITY; MICE; DOSE-RESPONSE RELATIONSHIPS; IMMUNOSUPPRESSION; DELAYED RADIATION EFFECTS; RADIATION SYNDROME; POST-IRRADIATION EXAMINATION

Molecular characteristics of gamma-induced changes in promoter-exon genes of Black and Cinnabar Drosophila Melanogaster

S63

Aleksandrov, I.D.; Aleksandrova, M.V.; Namolovan, L.N. (Ob''edinennyy Inst. Yadernykh Issledovaniy, Dubna (XJ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Molekulyarnaya kharakteristika gamma-indutsirovannykh izmenenij v promotorno-ehkzonnom rajone genov black i cinnabar Drosophila melanogaster

p. 121-122

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

Delayed effects of low-dose single gamma irradiation on morphogenesis and tissue breath of spermatocytes in rats

S63

Al' Meselmani, M.A.; Solodova, E.K. (Gomel'skij Gosudarstvennyj Meditsinskij Univ., Gomel' (BY)); Shabanov, P.D. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsrochennye ehffekty odnokratnogo nizkodozovogo radiatsionnogo gamma-oblucheniya na morfogenez i tkanevoe dykhanie spermatotsitov u kryss

p. 122

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

MORPHOGENESIS; GAMMA RADIATION; RATS; TESTES; DELAYED RADIATION EFFECTS; MITOCHONDRIA; SINGLE INTAKE

Estimation of influence of intense ultrawideband electromagnetic pulses on functional condition of bioobjects

S63

Aminov, A.M.; Gavrish, N.N.; Martyshchev, S.M. (12 Tsentral'nyj Nauchno-Issledovatel'skij Inst. MO RF, Sergiev Posad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka vliyaniya intensivnykh sverkhshirokopolosnykh ehlektromagnitnykh impul'sov na funktsional'noe sostoyanie organizma bioob"ektov

p. 123

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
RATS; ELECTROMAGNETIC FIELDS; ACUTE EXPOSURE; BIOLOGICAL EFFECTS;
DOSE-RESPONSE RELATIONSHIPS; OCCUPATIONAL SAFETY

**Characteristics of heritable changes in DNA of complex gene Vestigial D.
Melanogaster, due to reactor neutrons and ^{60}Co gamma-rays**
S63

*Afanas'eva, K.P.; Aleksandrov, I.D.; Aleksandrova, M.V. (Ob''edinennyj Inst. Yadernykh
Issledovanij, Dubna (XJ))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Kharakteristika nasleduemyx izmenenij DNK slozhnogo gena vestigial D. melanogaster,
vyzyvaemykh reaktornymi nejtronami i gamma-kvantami ^{60}So

p. 123-124

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DNA DAMAGES; GAMMA RADIATION; GENETIC RADIATION EFFECTS; GAMETES;
GENE MUTATIONS; DROSOPHILA; COBALT 60; NEUTRON BEAMS

Urgent effects of GSM electromagnetic exposure. Behavioral activity of animals
S63

*Bajzhumanov, A.A.; Gritsaj, O.B.; Deev, L.I.; Maslova, M.V.; Trofimova, L.K.; Khirazova,
E.Eh.; Sokolova, N.A. (Moskovskij Gosudarstvennyj Univ. imeni M.V. Lomonosova, Moscow
(RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Srochnye ehffekty ehlektromagnitnogo vozdejstviya GSM diapazona. Povedencheskaya aktivnost' zhivotnykh

p. 124

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RATS; MALES; ELECTROMAGNETIC RADIATION; BIOLOGICAL STRESS;
BIOLOGICAL RADIATION EFFECTS; COCKROACHES; ABSORBED RADIATION
DOSES; BEHAVIOR

Elimination rate of frequency of chromosomal aberrations in different bioobjects **S63**

Barteneva, S.S.; Petrov, V.M. (Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Pokazateli skorosti ehliminatsii chastoty khromosomnykh aberratsij razlichnykh bioob"ektov
p. 124-125

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHROMOSOMAL ABERRATIONS; ANIMAL CELLS; MAN; MONKEYS; DELAYED
RADIATION EFFECTS; RADIATION INJURIES; CESIUM 137; LYMPHOCYTES

Dependence of spectrum of gamma-induced deletion mutants *Saccharomyces Cerevisiae* from selection method

S63

Belokopytova, K.V.; Kokoreva, A.N.; Yatsevich, E.V.; Koltovaya, N.A. (Ob"edinennyj Inst. Yadernykh Issledovaniy, Dubna (XJ))

Actual problems of toxicology and radiobiology. Russian scientific conference with

international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Zavisimost' spektra gamma-indutsirovannykh deletsionnykh mutantov *Saccharomyces Cerevisiae* ot sposoba seleksii

p. 125

(RU)

Voenna-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RECOMBINANT DNA; SACCHAROMYCES CEREVISIAE; PLASMIDS; BIOLOGICAL MARKERS; BIOLOGICAL RADIATION EFFECTS; GAMMA RADIATION; CHROMOSOMAL ABERRATIONS

Cytotoxic properties of uranyl ions

S63

Garmash, S.A.; Gudkov, S.V.; Bruskov, V.I. (Inst. Teoreticheskoy i Eksperimental'noj Biofiziki RAN, Pushchino (RU); Pushchinskij Gosudarstvennyj Univ., Pushchino (RU)); Berezhnov, A.V. (Inst. Biofiziki Kletki RAN, Pushchino (RU)); Smirnova, V.S. (Inst. Teoreticheskoy i Eksperimental'noj Biofiziki RAN, Pushchino (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Tsitotoksicheskie svojstva ionov uranila

p. 126

(RU)

Voenna-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

URANYL NITRATES; CELL KILLING; GENETIC RADIATION EFFECTS; RADIATION HAZARDS; RADIOECOLOGICAL CONCENTRATION; APOPTOSIS; CELL CULTURES

Connection between changes in phosphatase activity of tissues of digestive organs and eating disorders when incorporation of depleted uranium

S63

Gerasimov, D.V. (Pervyj Moskovskij Gosudarstvennyj Meditsinskij Univ. imeni I.M. Sechenova, Moscow (RU)); Afanas'ev, R.V. (Gosudarstvennyj Nauchno-Issledovatel'skij Ispytatel'nyj Inst. Voennoj Meditsiny MO RF, Moscow (RU)); Terezanov, O.Yu. (Voronezhskaya Gosudarstvennaya Meditsinskaya Akademiya imeni N.N. Burdenko, Voronezh (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Svyaz' izmenenij fosfataznoj aktivnosti tkanej organov pishchevareniya s narusheniyami pishchevogo povedeniya pri inkorporatsii obedennogo urana

p. 126-127

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DEPLETED URANIUM; PHOSPHATASES; UPTAKE; RATS; MALES; URANIUM OXIDES; DIGESTIVE SYSTEM; RADIONUCLIDE KINETICS

Dynamics of changes in free radical balance of the cells after exposure to low dose ionizing radiation

S63

Gil'yano, N.Ya.; Konevega, L.V.; Noskin, L.A. (Peterburgskij Inst. Yadernoj Fiziki imeni B.P. Konstantinova RAN, Gatchina (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Dinamika izmeneniya svobodno-radikal'nogo balansa v kletkakh posle oblucheniya ioniziruyushchim izlucheniem v nizkikh dozakh

p. 127

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

GENETIC RADIATION EFFECTS; RADICALS; LOW DOSE IRRADIATION; DNA DAMAGES; BETA PARTICLES; GAMMA RADIATION; CHROMATIN

Physical state of potassium ions in the living cell and radiobiological effects of incorporated ^{137}Cs

S63

Gritsuk, A.I. (Gomel'skij Meditsinskij Univ., Gomel' (BY)); Matveev, V.V. (Inst. Tsitologii RAN, Sankt-Peterburg (RU)); Gritsuk, N.A. (ZAO Sovremennye Meditsinskie Tekhnologii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Fizicheskoe sostoyanie ionov kaliya v zhivoj kletke i radiobiologicheskie ehffekty inkorporirovannogo ^{137}Cs

p. 127-128

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CESIUM 137; REACTOR ACCIDENTS; CHERNOBYLSK-4 REACTOR; UPTAKE; POTASSIUM IONS; ANIMAL CELLS; INTERNAL IRRADIATION; RADIATION HAZARDS

The cytotoxic effect of the laser radiations with a wavelength corresponding to the transition of oxygen molecules in the singlet state

S63

Gudkov, S.V.; Ivanov, V.E.; Bruskov, V.I. (Inst. Teoreticheskoy i Ehksperimental'noj Biofiziki RAN, Pushchino (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem

Tsitotoksicheskij ehffekt lazernykh izluchenij s dlinami voln, sootvetstvuyushchikh perekhodu molekul kisloroda v singletnoe sostoyanie

p. 129

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

X RADIATION; LASER RADIATION; CELL CULTURES; CELL KILLING; GY RANGE 10-100; HYDROGEN PEROXIDE; BIOLOGICAL RADIATION EFFECTS

Properties of postradiating volatile allocation of laboratory mice and effect on behavioral reactions of intact recipients

S63

Dukhova, N.N.; Surinov, B.P. (Meditsinskij Radiologicheskij Nauchnyj Tsentral'nij Nauchno-Issledovatel'skij Institut Obninskijskogo Nauchnogo Tsentra)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Svojstva postradiatsionnykh letuchikh vydelenij laboratornykh myshej i vliyanie na povedencheskie reaktsii intaktnykh retsipientov

p. 129-130

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LABORATORY ANIMALS; MICE; SINGLE INTAKE; GY RANGE 01-10; POST-IRRADIATION EXAMINATION; DOSE-RESPONSE RELATIONSHIPS; BEHAVIOR; DELAYED RADIATION EFFECTS; TIME DEPENDENCE

Evaluation of impact of therapeutic beam protons of the JINR synchrocyclotron on human cells using cytogenetic tests

S63

Zajtseva, E.M.; Govorun, R.D.; Mitsyn, G.V.; Molokanov, A.G. (*Ob'edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ)*)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka ehffektivnosti vozdejstviya protonami terapevticheskogo puchka fazotrona OIYA na kletki cheloveka po tsitogeneticheskim testam

p. 131

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

THERAPEUTIC USES; PROTON BEAMS; LYMPHOCYTES; MEV RANGE 100-1000; RADIOTHERAPY; RADIOSENSITIVITY; CHROMOSOMAL ABERRATIONS; CELL CYCLE

Need a deuterium in drinking water?!

S63

Ivanov, A.A.; Andrianova, I.E.; Ulanova, A.M.; Mal'tsev, V.N.; Stavrakova, N.M.; Shal'nova, G.A. (*Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)*); Severyukhin, Yu.S.; Kryuchkova, D.M. (*Ob'edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ)*); Kulikova, E.I.; Sinyak, Yu.E. (*Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU)*)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Nuzhen li dejerij v pit'evoj vode?!

p. 132

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

DRINKING WATER; DEUTERIUM; THERAPEUTIC USES; HEAVY WATER;
BIOLOGICAL RADIATION EFFECTS; TIME DEPENDENCE

Comparative characteristic of blood-brain barrier on exposure of low dose radiation

S63

Il'icheva, V.N. (Voronezhskaya Gosudarstvennaya Meditsinskaya Akademiya imeni N.N. Burdenko, Voronezh (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sravnitel'naya kharakteristika gematoehntsefalicheskogo bar'era pri vozdejstvii malykh doz oblucheniya

p. 132-133

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LOW DOSE IRRADIATION; SINGLE INTAKE; LABORATORY ANIMALS; CEREBRAL CORTEX; RATS; MALES; COMPARATIVE EVALUATIONS

Information analysis in assessment of populations of alveolar macrophages under anthropogenic load

S63

Kadukova, E.M. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Informatsionnyj analiz v otsenke sostoyaniya populyatsij al'veolyarnykh makrofagov v usloviyakh antropogennoj nagruzki

p. 133

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
MACROPHAGES; MICE; COBALT 60; DOSE-RESPONSE RELATIONSHIPS;
CYTOPLASM; RESPIRATORY TRACT CELLS; TIME DEPENDENCE

Prooxidation and genotoxic properties of protein long-lived radicals, induced nonionizing and ionizing radiations

S63

Karp, O.Eh.; Gudkov, S.V.; Chernikov, A.V.; Bruskov, V.I. (Inst. Teoreticheskoy i Eksperimental'noj Biofiziki RAN, Pushchino (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Prooksidantnye i genotoksicheskie svoystva dolgozhivushchikh radikalov belkov,
indutsirovannykh ne ioniziruyushchimi i ioniziruyushchimi izluchenyami

p. 134

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

IONIZING RADIATIONS; CHEMILUMINESCENCE; RADICALS; GENETIC RADIATION
EFFECTS; ALBUMINS; GY RANGE 01-10

Effects of low intensive X radiation on the relationship between the parameters of lipid peroxidation of mouse liver

S63

Klimovich, M.A.; Kozlov, M.V.; Shishkina, L.N. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem

Vliyanie nizkointensivnogo rentgenovskogo izlucheniya na vzaimosvyazi mezhdou parametrami perekisnogo okisleniya lipidov pecheni myshej

p. 134-135

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

X RADIATION; LONG WAVE RADIATION; LIVER; PHOSPHOLIPIDS; SINGLE INTAKE; MICE; TIME DEPENDENCE

Automation of analysis of interrelation between the parameters of the lipid composition of mouse liver after the action of damaging factors

S63

Kozlov, M.V.; Shishkina, L.N. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Avtomatizatsiya analiza vzaimosvyazey mezhdou parametrami sostava lipidov pecheni myshej posle dejstviya povrezhdayushchikh faktorov

p. 135

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LIVER; AUTOMATION; LABORATORY ANIMALS; X RADIATION; SUBLETHAL IRRADIATION; DOSE-RESPONSE RELATIONSHIPS; PHOSPHOLIPIDS; BIOLOGICAL RADIATION EFFECTS

Prospects of accounting #Left Double Quotation Mark#bystander effect#Right Double Quotation Mark# for radiation protection

S63

Koterov, A.N. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Perspektivy ucheta #Left Double Quotation Mark#ehffekta svidetelya#Right Double Quotation Mark# dlya tselej radiatsionnoj zashchity

p. 135-136

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

BYSTANDER EFFECTS; RADIATION PROTECTION; RADIOTHERAPY; RISK ASSESSMENT; TIME DEPENDENCE; DELAYED RADIATION EFFECTS

Effect of shielded Earth's magnetic field and ionizing radiation on diploid human fibroblasts

S63

Kuranova, M.L.; Spivak, I.M. (Inst. Tsitologii RAN, Sankt-Peterburg (RU)); Shchegolev, B.F.; Surma, S.V. (Inst. Fiziologii imeni I.P. Pavlova RAN, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie ehkranirovannogo magnitnogo polya Zemli i ioniziruyushchego izlucheniya na diploidnye fibroblasty cheloveka

p. 136

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

**Effect of ionizing radiation and sodium nitrate on morphological state of thyroid
of mice**

S63

Raskosha, O.V.; Ermakova, O.V. (Inst. Biologii Komi NTs UrO RAN, Syktyvkar (RU))

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Vliyanie ioniziruyushchego izlucheniya i nitrata natriya na morfologicheskoe sostoyanie
shchitovidnoj zhelezy myshej

p. 139

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

THYROID CELLS; MICE; IONIZING RADIATIONS; SODIUM NITRATES;
MORPHOLOGICAL CHANGES; LOW DOSE IRRADIATION; ENVIRONMENTAL
EFFECTS; ENVIRONMENTAL EXPOSURE

**Cytogenetic study of monkeys *Macaca mulatto* at different times after exposure
of chronic and fractionated gamma-radiation in vivo**

S63

Repina, L.A.; Vorozhtsova, S.V.; Abrosimova, A.N.; Ivanov, A.A.; Shafirkin, A.V.

*(Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Inst. Mediko-Biologicheskikh problem
RAN, Moscow (RU)); Snigireva, G.P.; Novitskaya, N.N. (Rossijskij Nauchnyj Tsentr*

Rentgenoradiologii Minzdravsotsrazvitiya RF, Moscow (RU))

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Tsitogeneticheskoe issledovanie obez'yan *Macaca mulatta* v raznye sroki posle vozdejstviya
khronicheskogo i fraktsionirovannogo gamma-izlucheniya in vivo

p. 139-140

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
FRACTIONATED IRRADIATION; CHRONIC IRRADIATION; DELAYED RADIATION EFFECTS; MACACUS; GAMMA RADIATION; CESIUM 137; TIME DEPENDENCE; CHROMOSOMAL ABERRATIONS

Oxidative activity of rat tissues at external exposure

S63

Svergun, V.T.; Gritsuk, A.I.; Eremenko, V.F. (Gomel'skij Gosudarstvennyj Meditsinskij Univ., Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Okislitel'naya aktivnost' tkanej krysa pri vneshnem obluchenii

p. 140

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

EXTERNAL IRRADIATION; RATS; SINGLE INTAKE; GAMMA RADIATION; ANTIOXIDANTS; ANIMAL TISSUES; DOSE-RESPONSE RELATIONSHIPS; TIME DEPENDENCE

Central mechanisms of single and combined influence of factors of radiation-chemical nature on the body

S54;S63

Severinovskaya, E.V.; Dvoret'skij, A.I. (Dnepropetrovskij Natsional'nyj Univ. imeni Olesya Gonchara, Dnepropetrovsk (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Tsentral'nye mekhanizmy otdel'nogo i sochetannogo vliyaniya faktorov radiatsionno-khimicheskoy prirody na organizm

p. 140-141

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; BIOLOGICAL ADAPTATION; HOMEOSTASIS; HEAVY METALS; BIOLOGICAL PATHWAYS; THRESHOLD DOSE; CELL MEMBRANES; CONTROLLED AREAS

Tissue respiration of myocardium, liver and thymus of white rats after external irradiated in a dose of 1 Gy

S63

Sergeenko, S.M.; Koval', A.N.; Zhadejko, R.R.; Nikitina, I.A.; Gritsuk, A.I. (Gomel'skij Gosudarstvennyj Meditsinskij Univ., Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Tkanevoe dykhanie miokarda, pecheni i timusa belykh krysov posle vneshnego oblucheniya v doze 1 Gr

p. 141

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ANIMAL TISSUES; MITOCHONDRIA; RATS; EXTERNAL IRRADIATION; GRAY RANGE 01-10; BIOLOGICAL RADIATION EFFECTS; BIOLOGICAL REGENERATION

Effects of incorporated ^{137}Cs at mitochondrial respiration of rats liver

S63

Sergeenko, S.M.; Koval', A.N.; Gritsuk, A.I. (Gomel'skij Gosudarstvennyj Meditsinskij Univ., Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie inkorporirovannogo ^{137}Cs na mitokhondrial'noe dykhanie pecheni krys

p. 142

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CESIUM 137; MITOCHONDRIA; RATS; LIVER CELLS; UPTAKE; INTERNAL IRRADIATION; RADIONUCLIDE KINETICS; HOMEOSTASIS

Neurochemical indicators of old and ancient crust of a brain at acute radiation syndrome

S63

Sokolov, D.A.; Il'icheva, V.N. (Voronezhskaya Gosudarstvennaya Meditsinskaya Akademiya imeni N.N. Burdenko, Voronezh (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Nejrokhimicheskie pokazateli staroj i drevnej kory golovnogogo mozga pri ostrom lucheovom porazhenii

p. 142-143

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ACUTE IRRADIATION; RADIATION SYNDROME; RATS; GAMMA RADIATION; COBALT 60; BRAIN; GY RANGE 10-100

Neurohumoral regulation of the cardiovascular system in animals after irradiation at different doses

S63

Stashkevich, D.G.; Naumov, A.D. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Nejrogumoral'naya regulyatsiya serdechno-sosudistoj sistemy u zhivotnykh posle oblucheniya v raznykh dozakh

p. 143-144

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

CARDIOVASCULAR SYSTEM; RATS; ACUTE IRRADIATION; HYPOTENSION; PATHOLOGICAL CHANGES; IONIZING RADIATIONS; DELAYED RADIATION EFFECTS

Analysis of phase structure of systole of heart ventricles in experimental animals under the influence of uranium salts

S63

Suranova, G.Zh.; Tukhvatshin, R.R. (Kyrgyzskaya Gosudarstvennaya Meditsinskaya Akademiya imeni I.K. Akhunbaeva, Bishkek (KG))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Analiz fazovoj struktury sistoly zheludochkov serdtsa ehksperimental'nykh zhivotnykh pri vozdejstvii solej urana

p. 144

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

KYRGYZSTAN; ANOXIA; CARDIOVASCULAR DISEASES; BIOLOGICAL ADAPTATION; RABBITS; DELAYED RADIATION EFFECTS

Modified and repaired effects of chemo signaling in animals during radiation and toxic effects

S63

Surinov, B.P. (Meditsinskij Radiologicheskij Nauchnyj Tsentr Minzdravsotsrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Modifitsiruyushchij i repariruyushchij ehffekty khemosignalizatsii v gruppakh zhitovnykh pri radiatsionnykh i toksicheskikh vozdeystviyakh

p. 145

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION INJURIES; BYSTANDER EFFECTS; TOXIC MATERIALS; IONIZING RADIATIONS; CHEMICAL STRESS; IMMUNITY; BLOOD

Changes in functional state of hematopoietic system and energy exchange of erythrocytes at exposure of chronic radiation and chemical factors

S63

Tatarkin, S.V.; Barantseva, M.Yu.; Mukhamedieva, L.N.; Shafirkin, A.V. (Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Izmenenie funktsional'nogo sostoyaniya sistemy gemopoehza i ehnergoobmena ehritrotsitov pri

khronicheskom vozdejstvii radiatsionnogo i khimicheskogo faktorov

p. 145-146

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHRONIC IRRADIATION; GAMMA RADIATION; FRACTIONATED IRRADIATION; BLOOD FORMATION; LEUKOCYTES; ERYTHROCYTES; BIOLOGICAL REGENERATION

Effect of irradiation in high doses on status indicators of GABAergic and benzodiazepine receptors in the brain

S63

Tikhomirov, P.V.; Kondakov, A.Yu. (Nauchno-Issledovatel'skij Ispytatel'nyj Tsentр (Mediko-Biologicheskoy Zashchity) GNIII Voенnoj Meditsiny MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie oblucheniya v vysokikh dozakh na pokazateli sostoyaniya GAMK-ergicheskikh i benzodiazepinovykh retseptorov golovnoгo mozga

p. 146

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

SUPRALETHAL IRRADIATION; DOSE-RESPONSE RELATIONSHIPS; RADIATION SYNDROME; RADIATION INJURIES; RECEPTORS; BRAIN; PATHOGENESIS

Compensatory components induction of microsomal monooxygenases at early stages of chronic stress radiation

S63

Ustinova, A.A. (Chelyabinskaya Gosudarstvennaya Meditsinskaya Akademiya, Chelyabinsk

(RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Kompensatornaya induktsiya komponentov sistemy mikrosomal'nykh monooksigenaz na rannikh etapakh khronicheskogo radiatsionnogo stressa

p. 146-147

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LIVER CELLS; BIOLOGICAL STRESS; DELAYED RADIATION EFFECTS; CHRONIC IRRADIATION; GAMMA RADIATION; CESIUM 137; MICROSOMES

The cell membranes of human blood as the targets of radiation-induced effects under the action of low intensity exposure in vitro

S63

Fatkullina, L.D.; Atkarskaya, M.V.; Andreev, S.G.; Burlakova, E.B. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Membrany kletok krovi cheloveka kak misheni radiatsionno-indutsirovannogo ehffekta pri dejstvii nizkointensivnogo oblucheniya in vitro

p. 147

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LOW DOSE IRRADIATION; CELL MEMBRANES; BLOOD; RADIATION INJURIES; CESIUM 137; BIOLOGICAL STRESS; IN VITRO; DOSE-RESPONSE RELATIONSHIPS

Metabolism of tocopherol in tissue of mice in acute radiation injury

S63

Khrustova, N.V.; Kushnireva, E.V.; Shishkina, L.N. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Metabolizm tokoferola v tkanyakh myshej pri ostrom luchevom porazhenii

p. 148

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ACUTE IRRADIATION; X RADIATION; GY RANGE 01-10; LIPIDS; METABOLISM; TIME DEPENDENCE; ANIMAL TISSUES; MICE; RADIATION INJURIES

Induction and manifestations of radioadaptive response of cells in ontogenesis and generations of plants with different genotype

S63

Shestopalova, N.G.; Baeva, T.I.; Vinokurova, L.V.; German, E.Yu. (Khar'kovskij Natsional'nyj Univ. imeni V.N. Karazina, Khar'kov (UA)); Dolgova, T.A. (Khar'kovskij Natsional'nyj Agrarnyj Univ. imeni V.V. Dokuchaeva, Khar'kov (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Induktsiya i proyavlenie radioadaptivnogo otveta kletok v ontogeneze i pokoleniyakh rastenij s raznym genotipom

p. 148-149

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

ONTOGENESIS; GENOTYPE; BIOLOGICAL ADAPTATION; PLANT CELLS;
RADIATION PROTECTION; EXTERNAL IRRADIATION; MUTAGENESIS; GENETIC
RADIATION EFFECTS

Operation of regulation system of lipid peroxidation under the influence of radiation in different dose range

S63

Shishkina, L.N. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Funktsionirovanie sistemy regulyatsii perekisnogo okisleniya lipidov pri vozdeystvii radiatsii v raznykh diapazonakh doz

p. 149

(RU)

Voenna-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

LIPIDS; IONIZING RADIATIONS; ACUTE IRRADIATION; LOW DOSE IRRADIATION;
DOSE-RESPONSE RELATIONSHIPS; DELAYED RADIATION EFFECTS; CELL
MEMBRANES; METABOLISM

Immunostimulatory effects of natural volatile allocations of mice per irradiated individuals

S63

Shpagin, D.V.; Surinov, B.P. (Meditsinskij Radiologicheskij Nauchnyj Tsentr Minzdravotsrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Immunostimuliruyushchee dejstvie estestvennykh letuchikh vydelenij myshej na obluchennykh osobej

p. 149-150

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LABORATORY ANIMALS; GENETICALLY SIGNIFICANT DOSE; GY RANGE 01-10; MICE; URINE; IONIZING RADIATIONS; SPLEEN

Diseases in children of Stavropol territory and their connection with water pollution

S54;S63

Dement'eva, D.M.; Dement'ev, M.S. (Severo-Kavkazskij Gosudarstvennyj Tekhnicheskij Univ., Stavropol' (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Zabolevaniya u detej v Stavropol'skom krae i ikh svyaz' s zagryazneniem vodoemov

p. 157

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

NEOPLASMS; CHILDREN; DRINKING WATER; ENVIRONMENTAL EFFECTS; WATER POLLUTION; WATER QUALITY; HEALTH HAZARDS

Consequences of hematotropic effects by industrial exposure of uranium and organic solvents

S63

Zyubina, L.Yu.; Shpagina, L.A.; Panacheva, L.A.; Kuznetsova, G.V.; Zueva, M.A. (Novosibirskij Gosudarstvennyj Meditsinskij Univ., MBUZ Gorodskaya Klinicheskaya Bol'nitsa nom. 2, Novosibirsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with

international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Posledstviya gematotrofnogo vliyaniya proizvodstvennogo ehksponirovaniya uranom i organicheskimi rastvoritelyami

p. 158-159

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

BLOOD FORMATION; OCCUPATIONAL DISEASES; OCCUPATIONAL EXPOSURE; PATHOLOGICAL CHANGES; DELAYED RADIATION EFFECTS; RADIATION SYNDROME; URANIUM; RADIATION HAZARDS

Comparative assessment of psychosomatic status of persons exposed to radiation and chemical factors

S63

Novitskij, A.A.; Kharchenko, T.V.; Kvasov, Yu.A.; Kryuchkova, A.S.; Arzhavkina, L.G.; Demin, B.A. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sravnitel'naya otsenka psikhohemotsional'nogo statusa lits, podvergshikhsya dejstviyu radiatsionnykh i khimicheskikh faktorov

p. 162

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; BEHAVIOR; OCCUPATIONAL DISEASES; COMPARATIVE EVALUATIONS; CONTAMINATION; TOXIC MATERIALS; HUMAN FACTORS

Radiomimetic effect of a set of factors of object Kizner on peripheral blood lymphocytes

S63

Kharchenko, T.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU); Sankt-Peterburgskaya Meditsinskaya Akademiya Poslediplomnogo Obrazovaniya, Sankt-Peterburg (RU)); Arzhavkina, L.G.; Ivanov, M.B.; Yazenok, A.V.; Goverdovskij, Yu.B.; Kryuchkova, A.S.; Sinyachkin, D.A. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Sosyukin, A.E. (Nauchno-Issledovatel'skij Inst. Promyshlennoj i Morskoj Meditsiny FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiomimeticheskoe dejstvie kompleksa faktorov ob'ekta Kizner na limfotsity perifericheskoj krovi

p. 169-170

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LYMPHOCYTES; RADIATION SYNDROME; RADIATION INJURIES; CHROMOSOMAL ABERRATIONS; OCCUPATIONAL EXPOSURE; IONIZING RADIATIONS; MEDICAL EXAMINATIONS

Evaluation of reproductive losses, related to toxic substances effect

S63

Yantalets, E.V.; Chashchin, M.V.; Kuz'min, A.V.; Zibarev, E.V.; Zakharova, N.V. (Severo-Zapadnyj Nauchnyj Tsentr Gigieny i Obshchestvennogo Zdorov'ya, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka reproduktivnykh poter', svyazannykh s vozdejstviem toksichnykh veshchestv

p. 174

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

TOXIC MATERIALS; HEAVY METALS; FERTILITY; HUMAN POPULATIONS; HEALTH HAZARDS; PERSONNEL MONITORING

**Dynamics of trace elements content in the hair of the Gomel region residents
S37;S54**

Bazhanova, N.N.; Malenchenko, A.F.; Sushko, S.N. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Dinamika sodержaniya mikroelementov v volosakh zhitelej Gomel'skoj oblasti

p. 175

(RU)

2 tabs.

Elements: Cr, Mn, Fe, Ni, Cu, Zn, As, Cd, Pb, Se

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

TRACE AMOUNTS; HABITAT; HAIR; BIOLOGICAL PATHWAYS; ELEMENT ABUNDANCE; BIOASSAY; CHRONIC INTAKE; QUANTITATIVE CHEMICAL ANALYSIS

**Association of polymorphism of xenobiotic detoxication genes and DNA repair with chromosomal aberration of uranium industry workers
S63**

Vasil'eva, Z.Zh.; Vorobtsova, I.E. (Rossijskij Nauchnyj Tsentr Radiologii i Khirurgicheskikh Tekhnologij Minzdravsotsrazvitiya RF, Sankt-Peterburg (RU)); Bersimbaev, R.I. (Evrazijskij Natsional'nyj Univ. imeni L.N. Gumileva, Astana (KZ)); Bekmanov, B.O. (Inst. Obshchej Genetiki i Tsitologii RGP TsBI KN MON RK, Almaty (KZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Assotsiatsiya polimorfizma genov detoksikatsii ksenobiotikov i reparatsii DNK s urovnem khromosomnykh aberratsij u rabochikh uranovogo proizvodstva
p. 176
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011

312 p.

DETOXIFICATION; XENOBIOTICS; DNA REPAIR; CHROMOSOMAL ABERRATIONS;
OCCUPATIONAL DISEASES; URANIUM; TIME DEPENDENCE; BIOLOGICAL
RADIATION EFFECTS

The case of local radiation injury of hand in worker of Rosatom enterprises **S63**

Getin, I.L. (Mediko-Sanitarnaya Chast' nom. 172 FMBA Rossii, Dimitrovgrad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sluchaj mestnoj luchevoj travmy kisti u rabotnika predpriyatiya Rosatoma
p. 176-177

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011

312 p.

GY RANGE 10-100; ACUTE IRRADIATION; RADIATION SYNDROME; PERSONNEL;
RADIATION INJURIES; ABSORBED RADIATION DOSES

The role of molecular polymorphism of genes of repair and biotransformation in evaluation of human radiosensitivity to radiation of radon **S63**

Druzhinin, V.G.; Volkov, A.N.; Golovina, T.A.; Larionov, A.V.; Mejer, A.V.; Lunina, A.A.; Tolochko, T.A. (Kemerovskij Gosudarstvennyj Univ., Kemerovo (RU)); Glushkov, A.N.; Minina,

V.I. (Inst. Ehkologii Cheloveka SO RAN, Kemerovo (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Rol' molekulyarnogo polimorfizma genov reparatsii i biotransformatsii v otsenke radiochuvstvitel'nosti cheloveka k vozdeystviyu izluchenij radona

p. 177

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADON; CHRONIC EXPOSURE; RADIOSENSITIVITY; DNA REPAIR; DNA BASE TRANSITIONS; CHROMOSOMAL ABERRATIONS; GENETIC RADIATION EFFECTS

Functional state of liver polygonal cells in emergency workers at the Chernobyl NPP in the remote period after the accident

S63

Ivanova, N.V.; Sarkisova, Eh.A.; Gasanova, E.V.; Nezgovorova, G.A. (Nauchnyj Tsentr Radiatsionnoj Meditsiny AMN Ukrainy, Kiev (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Funktsional'noe sostoyanie poligonal'nykh kletok pecheni u uchastnikov likvidatsii posledstvij avarii na Chernobyl'skoj AEhS v otdalennom periode posle avarii

p. 177-178

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

LIVER CELLS; DELAYED RADIATION EFFECTS; CHERNOBYLSK-4 REACTOR;
REACTOR ACCIDENTS; OCCUPATIONAL DISEASES; IONIZING RADIATIONS;
PERSONNEL

**State of the immune system in liquidators of the Chernobyl NPP accident
consequences in 25 years following low doses ionizing radiation exposure
S63**

*Kalinina, N.M.; Davydova, N.I.; Bychkova, N.V.; Aleksanin, S.S. (Vserossijskij Tsentr
Ehkstrennoj i Radiatsionnoj Meditsiny imeni A.M. Nikiforova MChS Rossii, Sankt-Peterburg
(RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Sostoyanie immunnnoj sistemy u likvidatorov posledstvij avarii na Chernobyl'skoj AEhS cherez
25 let posle vozdejstviya malykh doz ioniziruyushchego izlucheniya

p. 178

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; OCCUPATIONAL DISEASES;
PERSONNEL; DELAYED RADIATION EFFECTS; LYMPHOKINES; IMMUNITY;
PREVENTIVE MEDICINE

**Algorithms for the diagnosis of acute radiation injuries based on syndrome
approach that can reduce time of assistance during medical evacuation if there
are centers of mass sanitary losses**

S63

*Karamullin, M.A.; Legeza, V.I. (Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-
Peterburg (RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Algoritmy diagnostiki ostrykh radiatsionnykh porazhenij, osnovannye na sindromnom
podkhode, sposobny sokratit' vremya okazaniya pomoshchi na ehtapakh meditsinskoj
ehvakuatsii pri vozniknovenii ochagov massovykh sanitarnykh poter'

p. 179

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION INJURIES; DIAGNOSIS; ALGORITHMS; ACUTE IRRADIATION;

RADIATION SYNDROME; RADIOLOGICAL PERSONNEL; MEDICAL SURVEILLANCE

Deviations in vegetative regulation of cardiovascular system in liquidators of effects of the Chernobyl NPP in the remote period and possibility of their correction by activation of noninvasive hematopoiesis

S63

Kireeva, E.B.; Karamullin, M.A. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Partsernyak, S.A. (Sankt-Peterburgskaya Gosudarstvennaya Meditsinskaya Akademiya imeni I.I. Mechnikova, Sankt-Peterburg (RU)); Shutko, A.N. (Rossijskij Nauchnyj Tsentr Radiologii i Khirurgicheskikh Tekhnologij Minzdravsotsrazvitiya RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otkloneniya v vegetativnoj regulyatsii serdechno-sosudistoj sistemy u likvidatorov posledstvij avarii na Chernobyl'skoj AEhS v otdalennom periode i vozmozhnosti ikh korrektsii putem neinvazivnoj aktivatsii krovetvoreniya

p. 179-180

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CARDIOVASCULAR SYSTEM; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; PATHOLOGY; PERSONNEL; OCCUPATIONAL DISEASES; BLOOD FORMATION

Increasing the frequency of hematopoietic stem cells circulating in peripheral

blood of professionals of nuclear energy

S63

Kovalev, O.A.; Zamulaeva, I.A.; Selivanova, E.I.; Saenko, A.S. (Meditsinskij Radiologicheskij Nauchnyj Tsentr Minzdravsotsrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Uvelichenie chastoty gemopoeticheskikh stvolovykh kletok, tsirkuliruyushchikh v perifericheskoj krovi professionalov atomnoj ehnergetiki

p. 180

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BLOOD FORMATION; STEM CELLS; CARDIOVASCULAR DISEASES; DELAYED RADIATION EFFECTS; RISK ASSESSMENT; IONIZING RADIATIONS; LOW DOSE IRRADIATION; PERSONNEL; OCCUPATIONAL DISEASES

On the development of intoxication among liquidators of Chernobyl accident in dynamics

S63

Oganesyan, N.M.; Karapetyan, A.G. (Nauchnyj Tsentr Radiatsionnoj Meditsiny i Ozhogov Minzdrava Armenii, Erevan (AM))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O razvitii intoksikatsii u likvidatorov posledstvij avarii na Chernobyl'skoj AEhS v dinamike

p. 181

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; IONIZING RADIATIONS;
DELAYED RADIATION EFFECTS; DOSE-RESPONSE RELATIONSHIPS; AGE
DEPENDENCE; IMMUNE REACTIONS

Herpes virus infections (GVI) among people working in contact with radiation factor

S63

Oradovskaya, I.V.; Vikulov, G.Kh.; Pashchenkova, Yu.G.; Nikonova, M.F. (Gosudarstvennyj Nauchnyj Tsentr - Inst. Immunologii FMBA Rossii, Moscow (RU)); Mel'nikov, G.Ya.; Skripkina, L.Eh.; Trikman, O.P. (Klinicheskaya Bol'nitsa nom. 51, Zheleznogorsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Gerpesvirusnye infektsii (GVI) u lits, rabotayushchikh v kontakte s radiatsionnym faktorom p. 181-182

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

HERPES SIMPLEX; VIRUSES; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS;
DELAYED RADIATION EFFECTS; OCCUPATIONAL DISEASES; PERSONNEL; AGE
DEPENDENCE; NEOPLASMS

Clinical manifestations and immune status of staff of isotope-chemical (ICP) and radiochemical (RCP) production

S61

Oradovskaya, I.V.; Vikulov, G.Kh.; Pashchenkova, Yu.G.; Nikonova, M.F. (Gosudarstvennyj Nauchnyj Tsentr - Inst. Immunologii FMBA Rossii, Moscow (RU)); Mel'nikov, G.Ya.; Skripkina, L.Eh.; Trikman, O.P. (Klinicheskaya Bol'nitsa nom. 51, Zheleznogorsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osobennosti klinicheskikh proyavlenij i immunnogo statusa personala izotopno-khimicheskogo (IKhP) i radiokhimicheskogo (RKhP) proizvodstva

p. 182

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PERSONNEL MONITORING; MEDICAL SURVEILLANCE; IMMUNE SYSTEM DISEASES; PATHOLOGICAL CHANGES; OCCUPATIONAL DISEASES; NUCLEAR FACILITIES; DIAGNOSIS; NUCLEAR MEDICINE

Estimating a priori threshold values in acute and chronic external irradiation S61

Osovets, S.V.; Azizova, T.V.; Gergenrejder, S.N. (Yuzhno-Ural'skij Inst. Biofiziki FMBA Rossii, Ozersk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenivanie apriornyx porogovykh velichin pri ostrom i khronicheskom vneshnem obluchenii
p. 183

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; THRESHOLD DOSE; RADIATION SYNDROME; ACUTE IRRADIATION; CHRONIC IRRADIATION; ABSORBED RADIATION DOSES; OCCUPATIONAL SAFETY; EXTERNAL IRRADIATION; NUCLEAR MEDICINE

Diagnosis of tumor diseases among the workers, exhibited to toxic-radiation factors

S63

Panacheva, L.A.; Shpagina, L.A.; Zyubina, L.Yu.; Kuznetsova, G.V.; Lyulina, N.V. (Novosibirskij Gosudarstvennyj Meditsinskij Univ., Novosibirsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Diagnostika opukholevykh zabolevanij sredi rabochikh, ehksponirovannykh k toksiko-radiatsionnym faktoram

p. 183-184

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

NEOPLASMS; OCCUPATIONAL DISEASES; URANIUM; PATHOLOGY; DELAYED RADIATION EFFECTS; DIAGNOSIS; PERSONNEL

Research of functional state in the organism of military personnel of emergency teams

S61

Pankratov, V.V.; Kushchev, G.G.; Grabskij, Yu.V. (12 Tsentral'nyj Nauchno-Issledovatel'skij Inst. MO RF, Sergiev Posad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Issledovanie funktsional'nogo sostoyaniya organizma voennosluzhashchikh spetsial'nykh avarijnykh formirovanij

p. 184

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

RADIATION ACCIDENTS; PERSONNEL MONITORING; MILITARY PERSONNEL; IRRADIATION; REACTOR ACCIDENTS; RADIATION HAZARDS; RADIATION PROTECTION

The Czech republic and the Chernobyl accident - 25 years later

S54

Rosina, J.; Navratil, L.; Sabol, J.; Gon, Z. (Cheshskij Tekhnicheskij Univ., Fakul'tet Biomeditsinskoj Inzhenerii, Praga (CZ)); Vranova, Ya. (Univ. imeni Karla, 3-j Meditsinskij Fakul'tet, Praga (CZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Cheshskaya respublika i avariya na Chernobyl'skoj AEhS - 25 let spustya

p. 184-185

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

CZECH REPUBLIC; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; CONTAMINATION; RADIONUCLIDE MIGRATION; IODINE 131; CESIUM 137; CESIUM 134; PERSONNEL MONITORING; MEDICAL SURVEILLANCE

Dynamics of endoscopic changes of the top parts of digestive tract in persons carrying work at the object #Left Double Quotation Mark#Shelter#Right Double Quotation Mark# Chernobyl NPP

S61

Sarkisova, Eh.A.; Nezgovorova, G.A.; Gromadskaya, V.N. (Nauchnyj Tsentr Radiatsionnoj Meditsiny AMN Ukrainy, Kiev (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Dinamika ehndoskopicheskikh izmenenij verkhnikh otdelov pishchevaritel'nogo trakta u lits, osushchestvlyayushchikh raboty na ob"ekte #Left Double Quotation Mark#Ukrytie#Right Double Quotation Mark# GSP ChAEhS

p. 185

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DIGESTIVE SYSTEM DISEASES; DIGESTIVE SYSTEM; CHERNOBYLSK-4 REACTOR;
REACTOR ACCIDENTS; DIAGNOSIS; PATHOLOGY; RADIATION HAZARDS;
OCCUPATIONAL SAFETY; MEDICAL EXAMINATIONS

Characteristics of adaptive processes among children of different groups of the observations under constant effects of ionizing radiation in low doses

S61

Sipyagina, A.E.; Baleva, L.S. (Moskovskij Nauchno-Issledovatel'skij Inst. Pediatrii i Detskoj Khirurgii, Detskij Nauchno-Prakticheskij Tsentr Protivoradiatsionnoj Zashchity, Moscow (RU)); Pulatova, M.K.; Sharygin, V.L. (Inst. Khimicheskoy Fiziki imeni N.N. Semenova RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Kharakteristika adaptivnykh protsessov u detej razlichnykh grupp nablyudeniya v usloviyakh postoyannogo vozdeystviya ioniziruyushchego izlucheniya v malykh dozakh

p. 186

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BIOLOGICAL ADAPTATION; IONIZING RADIATIONS; RADIATION PROTECTION;
RADIONUCLIDE MIGRATION; ADRENALINE; CHILDREN; MEDICAL
EXAMINATIONS; PATHOLOGY

State of health of uranium provinces of Kyrgyz Republic (KR)

S61

Tukhvatshin, R.R.; Kojbagarova, A.A.; Isupova, A.A. (Kyrgyzskaya Gosudarstvennaya Meditsinskaya Akademiya imeni I.K. Akhunbaeva, Bishkek (KG))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem

Sostoyanie zdorov'ya naseleniya uranovykh provintsij Kyrgyzskoj Respubliki (KR)

p. 186-187

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

KYRGYZSTAN; RADIOLOGY; RADIONUCLIDE KINETICS; DISEASES; AGE GROUPS; PUBLIC HEALTH; RADIATION PROTECTION; RADIATION HAZARDS

State of circulating erythron in blood donors, exposed by adverse environmental and professional factors

S61

Chechetkin, A.V. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU));

Krobinets, I.I. (1469 Voенно-Morskoj Klinicheskij Gospi'tal' Severnogo Flota, Severomorsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sostoyanie tsirkuliruyushchego ehritrona u donorov krovi, podvergayushchikhsya vozdejstviyu neblagopriyatnykh ehkologo-professional'nykh faktorov

p. 187

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

HEALTH HAZARDS; ERYTHROCYTES; MEDICAL EXAMINATIONS; ENVIRONMENTAL EXPOSURE; OCCUPATIONAL EXPOSURE; IONIZING RADIATIONS

Etiopathogenetic and clinical features of the dental diseases in people living near uranium tailings

S61

Sheraliev, O.A.; Tukhvatshin, R.R. (Kyrgyzskaya Gosudarstvennaya Meditsinskaya Akademiya imeni I.K. Akhunbaeva, Bishkek (KG))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehtiopatogeneticheskie i klinicheskie osobennosti techeniya stomatologicheskikh zabolevanij u lits, prozhivayushchikh vblizi uranovykh khvostokhranilishch

p. 187-188

(RU)

1 tab.

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

KYRGYZSTAN; TEETH; MEDICAL EXAMINATIONS; JAW; ENVIRONMENTAL EXPOSURE; URANIUM; OCCUPATIONAL EXPOSURE; OCCUPATIONAL SAFETY; OCCUPATIONAL DISEASES

Features of social adaptation of persons affected from ionizing radiations

S63

Shcherbatykh, O.V.; Metlyaeva, N.A. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)); Lartsev, M.A. (Vserossijskij Tsentr Meditsiny Katastrof Zashchita Minzdravsotsrazvitiya RF, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osobennosti sotsial'noj adaptatsii lits, postradavshikh ot ioniziruyushchikh izluchenij

p. 188-189

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

IONIZING RADIATIONS; SOCIAL IMPACT; OCCUPATIONAL EXPOSURE; RADIATION HAZARDS; PERSONNEL; BEHAVIOR; RADIATION INJURIES

On the necessity of system approach for prevention of iodine deficiency and its consequences

S54

Bakanov, K.B. (Tverskaya Gosudarstvennaya Meditsinskaya Akademiya, Tver' (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O neobkhodimosti sistemnogo podkhoda k profilaktike jodnogo defitsita i ego posledstvij
p. 191

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENT; POLLUTION; IODINE; HEALTH HAZARDS; PUBLIC HEALTH; ENVIRONMENTAL EFFECTS

Effect of low doses of T-2 toxin at the cellular biotargets of blood: risk and prevention ways

S63

Baranets, A.A.; Prigorelov, G.A.; Kvardakov, A.V. (Voennaya Akademiya Vojsk Radiatsionnoj, Khimicheskoy i Biologicheskoy Zashchity i Inzhenerykh Vojsk imeni Marshala Sovetskogo Soyuza S.K. Timoshenko, Kostroma (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie nizkikh doz t-2 toksina na kletochnye biomisheni krovi: ehffekty porazheniya i puti profilaktiki

p. 192

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
METABOLISM; TOXINS; APOPTOSIS; BIOLOGICAL EFFECTS; LYMPHOCYTES;
ECOLOGICAL CONCENTRATION

On the mechanism of the protective and therapeutic effect acizol in carbon oxide intoxication

S54

Barinov, V.A.; Nechiporenko, S.P. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

O mekhanizmax zashchitnogo i lechebnogo dejstviya atsizola pri oksiduglerodnoj intoksikatsii
p. 192-193

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CARBON OXIDES; POLLUTION; TOXIC MATERIALS; PHARMACOLOGY;
MORPHOLOGICAL CHANGES; BIOLOGICAL EFFECTS; HEALTH HAZARDS;
THERAPEUTIC USES; ENVIRONMENTAL EXPOSURE

Comparative effectiveness of semax in different ways of introducing on the background of ethanol poisoning

S63

Basharin, V.A.; Markizova, N.F. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Lisinskij, D.S. (Inst. Toksikologii FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Sravnitel'naya ehffektivnost' semaksa pri razlichnykh putyakh vvedeniya na fone otravleniya ehtanolom

p. 193

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

HAZARDOUS MATERIALS; THERAPEUTIC USES; RATS; INTAKE; PEPTIDES; MORTALITY

Experimental rationale for use of many course enterosorption at toxic effects of xenobiotics

S63

Zinovkina, V.Yu. (Respublikanskij Nauchno-Proizvodstvennyj Tsentр Gigieny, Minsk (BY));

Glinskaya, T.N. (Respublikanskij Nauchno-Proizvodstvennyj Tsentр Meditsinskoj Ehkspertizy i Reabilitatsii, Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehkspерimental'noe obosnovanie ispol'zovaniya mnogokursovoj ehnterosorbtsii pri toksicheskom vozdejstvii ksenobiotikov

p. 197

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

PATHOLOGICAL CHANGES; LIVER CELLS; THERAPEUTIC USES; CHRONIC EXPOSURE; TOXICITY; BIOLOGICAL EFFECTS; DETOXIFICATION

Correction of the immune system induced by prolonged exposure of complex factors of plant for disposal and destruction of industrial toxic wastes

S63

Petlenko, S.V.; Bogdanova, E.G.; Ivanov, M.B.; Zhekalov, A.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Golubkov, A.V. (1410 Tsentral Gosudarstvennogo Sanitarno-Epidemiologicheskogo Nadzora, Sankt-Peterburg (RU))
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Korreksiya narushenij immunnogo sistema, indutsirovannykh prolongirovannym vozdeystviem kompleksa faktorov predpriyatiya po zakhoroneniyu i unichtozheniyu promyshlennykh toksichnykh otkhodov

p. 206

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

IMMUNE SYSTEM DISEASES; OCCUPATIONAL EXPOSURE; OCCUPATIONAL DISEASES; PEPTIDES; THERAPEUTIC USES; TOXICITY; INDUSTRIAL WASTES

Protection of hematopoiesis as the basis of radioprotective effect of radioprotectors

S61

Aksenova, N.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Zashchita gemopoehza kak osnova radiozashchitnogo dejstviya radioprotektorov

p. 214

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

Effect of gluten oxime on proliferative activity of bone marrow cells in irradiated animals

S63

Antushevich, A.A.; Grebenyuk, A.N.; Antushevich, A.E. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie glutoksima na proliferativnyuyu aktivnost' kletok kostnogo mozga obluchennykh zhivotnykh

p. 214-215

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

BONE MARROW CELLS; THERAPEUTIC USES; CELL PROLIFERATION; RADIATION PROTECTION; ACUTE IRRADIATION; TIME DEPENDENCE

Hemostimulating activity of glutathione oxidized lithium salt at hemodepression of radiation and chemical genesis

S63

Antushevich, A.A.; Antushevich, A.E.; Grebenyuk, A.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Gemostimuliruyushchaya aktivnost' litievoj soli okislennogo glutationa pri gemodepressiyakh radiatsionnogo i khimicheskogo geneza

p. 215

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
THERAPEUTIC USES; LEUKOPOIESIS; LITHIUM COMPOUNDS; RADIATION INJURIES; MORTALITY; DRUGS

Effect of glutoxim on basic manifestations of radio epithelite in rats

S63

Antushevich, A.A. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie preparata glutoksim na osnovnye proyavleniya radioehpiteliita u kryss

p. 215-216

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RATS; GAMMA RADIATION; GY RANGE 10-100; EXTERNAL IRRADIATION; RADIATION INJURIES; DELAYED RADIATION EFFECTS; DRUGS; EPITHELIUM

Ultraviolet irradiation of auto blood as a therapy of acute radiation sickness

S63

Apollonova, L.A.; Lebkova, N.P.; Stepanova, E.N. (Rossijskaya Meditsinskaya Akademiya Poslediplomnogo Obrazovaniya, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ul'traioletovoe obluchenie autokrovi kak metod lecheniya ostroj luchevoj bolezni

p. 216-217

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international

participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
ULTRAVIOLET RADIATION; RADIATION SYNDROME; ABSORBED RADIATION
DOSES; MORTALITY; LEUKOPOIESIS; RADIATION PROTECTION

Caffeine modulating effect when administered mice after exposure to X-ray
S61

*Asadullina, N.R.; Gudkov, S.V.; Bruskov, V.I. (Inst. Teoreticheskoy i Eksperimental'noj Biofiziki
RAN, Pushchino (RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem

Moduliruyushchij ehffekt kofeina pri vvedenii ego mysham posle vozdeystviya rentgenovskogo
izlucheniya

p. 217

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international
participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s
mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

X RADIATION; INTERNAL IRRADIATION; GY RANGE 01-10; CAFFEINE; SURVIVAL
TIME; RADIATION PROTECTION

**Effectiveness of combined protection from ionizing radiation in the combined use
of local screens and radioprotective preparations, and possible implementation
mechanisms of their potentiating action**

S61

*Vasin, M.V. (Gosudarstvennyj Nauchno-Issledovatel'skij Ispytatel'nyj Inst. Voennoj Meditsiny
MO RF, Moscow (RU))*

**Actual problems of toxicology and radiobiology. Russian scientific conference with
international participation**

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem

Ehffektivnost' sredstv kombinirovannoj zashchity ot dejstviya ioniziruyushchego izlucheniya pri sochetannom primenenii lokal'nykh ehkranov i protivoluchevykh preparatov i vozmozhnye mekhanizmy realizatsii ikh potentsiruyushchego dejstviya

p. 217-218

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

IONIZING RADIATIONS; RADIATION PROTECTION; RADIOPROTECTIVE SUBSTANCES; RADIOSENSITIVITY EFFECTS; THERAPEUTIC USES; PHARMACOLOGY

Comparative effectiveness of radioprotector B-190 and quercetin at separate and combined application to reduce of hemo toxicity of carboplatin

S61

Vasin, M.V. (Gosudarstvennyj Nauchno-Issledovatel'skij Ispytatel'nyj Inst. Voенnoj Meditsiny MO RF, Moscow (RU)); Kovtun, V.Yu. (Nauchno-Proizvodstvennyj Tsentр Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sravnitel'naya ehffektivnost' radioprotektora B-190 i kvvertsetina pri razdel'nom i sochetannom primenenii dlya snizheniya gemotoksichnosti karboplatiny

p. 218

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; RADIOPROTECTIVE SUBSTANCES; RADIOSENSITIVITY EFFECTS; LEUKOCYTES; ERYTHROCYTES; THERAPEUTIC USES; COMPARATIVE EVALUATIONS

Antiradiation properties of selenomethionine with methionine

S63;S37

Vereshchako, G.G. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY)); Khodosovskaya, A.M. (Belorusskij Gosudarstvennyj Univ., Biologicheskij Fakul'tet, Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Protivoluchevye svojstva selenmetionina s metioninom

p. 219

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIOPROTECTIVE SUBSTANCES; RADIATION PROTECTION; RADIOSENSITIVITY EFFECTS; LEUKOCYTES; ACUTE IRRADIATION; GY RANGE 01-10; THERAPEUTIC USES; SELENIUM COMPOUNDS; AMINO ACIDS; LIPOTROPIC FACTORS; ORGANIC SULFUR COMPOUNDS

Features of radiation effects on the background of testosterone-containing medicines administration

S63

Vereshchako, G.G.; Gorokh, G.A.; Fedosenko, O.L.; Gun'kova, N.V.; Kozlov, A.E.; Sukhareva, D.V. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osobennosti radiatsionnykh ehffektov na fone vvedeniya testosteronsoderzhashchego preparata

p. 219-220

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

FRACTIONATED IRRADIATION; TESTOSTERONE; RATS; MALES; GY RANGE 01-10;
BIOLOGICAL RADIATION EFFECTS; APOPTOSIS

Experimental evaluation of radioprotective efficiency of serial prophylactic use of the preparation B-190 and earlier medical using interleukin-1 β in acute external radiation exposure

S61

Vlasenko, T.N. (Gosudarstvennyj Inst. Uovershenstvovaniya Vrachej MO RF, Moscow (RU)); Zatsepin, V.V.; Aksenova, N.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Nazarov, V.B. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehksperimental'naya otsenka radiozashchitnoj ehffektivnosti posledovatel'nogo profilakticheskogo primeneniya preparata B-190 i rannego lechebnogo ispol'zovaniya interlejkina-1 β pri ostrom vneshnem radiatsionnom vozdejstvii

p. 220

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; RADIOPROTECTIVE SUBSTANCES; MICE; GAMMA RADIATION; X RADIATION; EXTERNAL IRRADIATION; THERAPEUTIC USES

Laser radioprotection of experimental mice C57BL/6 from the damaging effect of gamma radiation

S61

Voskanyan, K.Sh. (Ob''edinennyj Inst. Yadernykh Issledovaniy, Dubna (XJ), Gosudarstvennyj Nauchnyj Tsentr RF - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU)); Mitsyn, G.V.; Gaevskij, V.N. (Ob''edinennyj Inst. Yadernykh Issledovaniy, Dubna (XJ)); Vorozhtsova, S.V.; Abrosimova, A.N. (Gosudarstvennyj Nauchnyj Tsentr RF - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Lazernaya radiozashchita ehksperimental'nykh myshej linii C57BL/6 ot povrezhdayushchego dejstviya gamma-izlucheniya

p. 221

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

GAMMA RADIATION; LASER RADIATION; MICE; GY RANGE 01-10; EXTERNAL IRRADIATION; RADIATION PROTECTION; SURVIVAL TIME

Evaluation of medical modifying effect of broadband electromagnetic pulses in gamma irradiated bioobjects

S63

Gavrish, N.N.; Nikulin, P.V. (12 Tsentral'nyj Nauchno-Issledovatel'skij Inst. MO RF, Sergiev Posad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka lechebno-modifitsiruyushchego dejstviya shirokopolosnykh ehlektromagnitnykh impul'sov u bioob'ektov posle gamma-oblucheniya

p. 221-222

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

GAMMA RADIATION; GY RANGE 01-10; RATS; RADIATION SYNDROME; ELECTROMAGNETIC FIELDS; THERAPEUTIC USES; MORTALITY; ACUTE IRRADIATION

Effect of derivatives of recombinant erythropoietin on behavioral disorders of

rats irradiated in superlethal doses

S63

Drachev, I.S.; Suprunova, E.B. (Nauchno-Issledovatel'skij Ispytatel'nyj Tsentr (Mediko-Biologicheskoy Zashchity) GNII Voennoj Meditsiny MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie derivatov rekombinantnogo ehritropoetina na narusheniya povedeniya krys, obluchennykh v sverkhletal'nykh dozakh

p. 222

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

SUPRALETHAL IRRADIATION; DOSE-RESPONSE RELATIONSHIPS;

ERYTHROPOIETIN; RADIATION SYNDROME; RATS; BEHAVIOR; RADIATION PROTECTION

2,5-Diphenyloxazol and its derivatives as radioprotectors with innovative mechanisms of action

S63

Dukhovich, F.S.; Gorbatova, E.N. (Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Organicheskoy Khimii i Tekhnologii, Moscow (RU)); Zhizhina, G.P.; Zavarykina, T.M.; Burlakova, E.B. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

2,5-difeniloksazol i ego proizvodnye kak radioprotektory s netraditsionnym mekhanizmom dejstviya

p. 222-223

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; OXADIAZOLES; MICE; GY RANGE 01-10; EXTERNAL IRRADIATION; DOSE-RESPONSE RELATIONSHIPS; THERAPEUTIC USES

HBO-therapy as a component of a comprehensive rehabilitation therapy of victims after radiation injuries in the accident at the Chernobyl NPP

S62

Zhenilo, V.M.; Kurtasov, A.A.; Bobrikova, E.V.; Vnukov, V.V.; Sharifullin, K.S.; Kashmov, V.S.; Akuz, P.I. (Rostovskij-na-Donu Gosudarstvennyj Meditsinskij Univ., Rostov-na-Donu (RU); Oblastnaya Bol'nitsa nom. 2, Rostov-na-Donu (RU); Rostovskaya Oblastnaya Organizatsiya Soyuz Chernobyl', Rostov-na-Donu (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

GBO-terapiya kak komponent kompleksnoj reabilitatsionnoj terapii postradavshikh, perenesshikh radiatsionnoe porazhenie pri avarii na Chernobyl'skoj AEhS

p. 223-224

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; THERAPEUTIC USES; PATHOLOGY; RADIATION INJURIES; MEDICAL EXAMINATIONS; PATIENTS

Enhancing the effectiveness of cancer radiotherapy using oxazole derivatives

S62

Zavarykina, T.M.; Burlakova, E.B.; Zhizhina, G.P.; Treshchenkova, Yu.A.; Fatkullina, L.D. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Povyshenie ehffektivnosti radioterapii opukholej s pomoshch'yu proizvodnykh oksazola

p. 224

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
THERAPEUTIC USES; OXAZOLES; NEOPLASMS; X RADIATION; GY RANGE; HEMOLYSIS; MEDICAL EXAMINATIONS

Effect of antibiotics on the healing of beta-radiation burns in rats when combined radiation injuries

S63

Zargarova, N.I.; Dvortsova, N.Eh.; Eldashov, S.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie antibiotikov na zazhivlenie beta-luchevykh ozhogov u krys pri sochetannykh radiatsionnykh porazheniyakh

p. 224-225

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ANTIBIOTICS; RATS; RADIATION INJURIES; BETA PARTICLES; GY RANGE 01-10; GY RANGE 10-100; LETHAL IRRADIATION; DNA REPAIR

Evaluation of radioprotective effect when complex application of personnel medical preparations for the antiradiation protection

S63

Zatsepin, V.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Otsenka radiozashchitnogo ehffekta kompleksnogo primeneniya tabel'nykh meditsinskikh sredstv protivoluchevoj zashchity
p. 225
(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; MICE; MALES; RADIOPROTECTIVE SUBSTANCES;
BLOOD FORMATION; THERAPEUTIC USES; DELAYED RADIATION EFFECTS

Reaction of antioxidants in humans for application of multivitamins under radiation in small doses

S63

Ivanenko, G.F.; Burlakova, E.B. (Inst. Biokhimicheskoy Fiziki imeni N.M. Ehmanuehlya RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Reaktsiya sistemy antioksidantov u lyudej na primeneniye polivitaminov pri dejstvii radiatsii v malykh dozakh

p. 226

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

VITAMINS; ANTIOXIDANTS; LOW DOSE IRRADIATION; BLOOD PLASMA;
RADIOPROTECTIVE SUBSTANCES; DELAYED RADIATION EFFECTS

Effect of light isotope water on radioresistance of experimental animals

S63

Ivanov, A.A. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii,

Moscow (RU)); Severyukhin, Yu.S.; Kryuchkova, D.M.; Gaevskij, V.N. (Ob''edinennyj Inst. Yadernykh Issledovanij, Dubna (XJ)); Abrosimova, A.N.; Vorozhtsova, S.V.; Kulikova, E.I.; Sinyak, Yu.E. (Gosudarstvennyj Nauchnyj Tsentr RF - Inst. Mediko-Biologicheskikh Problem RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie legkoizotopnoj vody na radiorezistentnost' ehksperimental'nykh zhivotnykh
p. 226-227

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; RADIOPROTECTIVE SUBSTANCES; LETHAL RADIATION DOSE; LEUKOPENIA; LABORATORY ANIMALS; DEUTERIUM; DRINKING WATER

Efficiency of sorption therapy in correction of physicochemical parameters of the thrombocytes membranes in liquidators of the Chernobyl accident

S63

Ivanova, N.V. (Nauchnyj Tsentr Radiatsionnoj Meditsiny AMN Ukrainy, Kiev (UA)); Chmilenko, N.M. (Voенно-Meditsinskoe Upravlenie SB Ukrainy, Kiev (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehffektivnost' sorbtсионnoj terapii v korrektsii fiziko-khimicheskikh parametrov membran trombotsitov u uchastnikov likvidatsii posledstvij avarii na ChAEhS

p. 227

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

On diagnosing and therapy of farm animals in acute radiation sickness

S63

Isamov, N.N.; Isamov, N.N. ml. (Vserossijskij Nauchno-Issledovatel'skij Inst.

Sel'skokhozyajstvennoj Radiologii i Agroekologii, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O diagnostike i terapii pri ostroj luchevoj bolezni sel'skokhozyajstvennykh zivotnykh

p. 227-228

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DOMESTIC ANIMALS; RADIATION SYNDROME; GY RANGE 01-10; IONIZING RADIATIONS; THERAPEUTIC USES; DIAGNOSTIC USES; LEUKOPENIA; BIOLOGICAL RADIATION EFFECTS

Radioprotective activity of aqueous basidiomycete extracts

S63

Kadukova, E.M.; Sushko, S.N. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY)); Trukhonovets,

V.V. (Gomel'skij Gosudarstvennyj Univ. imeni Frantsiska Skoriny, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Protivoluchevaya aktivnost' vodnykh ehkstraktov bazidiomitsetov

p. 228-229

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

RADIOPROTECTIVE SUBSTANCES; MICE; MALES; GY RANGE 01-10; RADIATION SYNDROME; ADENOMAS; RADIATION PROTECTION

Improve the parameters of DNA melting of rats liver exposed on the background of the prior injected Schiff bases - derivatives of L-tryptophan and the various pyridinecarboxaldehyde isomers into the body

S63

Karapetyan, N.G. (Erevanskij Gosudarstvennyj Univ., Fizicheskij Fakul'tet, Erevan (AM));

Malakyan, M.G.; Badzhinyan, S.A. (Nauchnyj Tsentr Radiatsionnoj Meditsiny i Ozhogov Minzdrava Armenii, Erevan (AM))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Uluchshenie parametrov plavleniya DNK pecheni krysa, obluchennykh na fone predvaritel'nogo vvedeniya v organizm shiffovyykh osnovanij, proizvodnykh L-triptofana i razlichnykh izomerov piridinkarboksal'degidov

p. 229

(RU)

Voennno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

RATS; DNA; SCHIFF BASES; MALES; GY RANGE 01-10; RADIOPROTECTIVE SUBSTANCES; RADIATION PROTECTION

Mixed ligand complex compounds of biometal with vitamins as promising radioprotectors

S63

Kebets, A.P.; Kebets, N.M.; Breev, P.A.; Pozdeev, A.V. (Voennaya Akademiya Vojsk Radiatsionnoj, Khimicheskoy i Biologicheskoy Zashchity i Inzhenernykh Vojsk imeni Marshala Sovetskogo Soyuza S.K. Timoshenko, Kostroma (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Smeshannoligandnye kompleksnye soedineniya biometallov s vitaminami kak perspektivnye radioprotektory

p. 229-230

(RU)

Biometals: Fe, Co, Mn

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIOPROTECTIVE SUBSTANCES; LIGANDS; VITAMINS; ANTIOXIDANTS;
BIOCHEMISTRY; RADIATION SYNDROME; RADIATION PROTECTION;
ERYTHROCYTES

Could 5-androstene-3 β ,17 β -diol become radioprotective medicines? S63;S37

Kovtun, V.Yu.; Tarasov, S.Yu.; Nazarov, V.B. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU)); Reznikov, V.M. (Ehndokrinologicheskij Nauchnyj Tsentr Rosmedtekhnologij, Moscow (RU)); Andrianov, I.E. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)); Sergeev, G.B. (Moskovskij Gosudarstvennyj Univ. imeni M.V. Lomonosova, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Mozhet li stat' radiozashchitnym lekarstvennym sredstvom 5-androsten-3 β ,17 β -diol?

p. 230-231

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

IONIZING RADIATIONS; LETHAL RADIATION DOSE; RADIOPROTECTIVE
SUBSTANCES; ANDROSTENEDIONE; CHEMICAL PREPARATION; TOXICITY

Synthesis and studying of biological activity of glutamic acid and acetylcysteine complexes with biometals and similar compounds

S63;S37

Kovtun, V.Yu. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU)); Tolkachev, V.N.; Parfenov, Eh.A. (Rossijskij Onkologicheskij Nauchnyj Tsentr imeni N.N. Blokhina RAMN, Moscow (RU)); Davidovich, Yu.A. (Inst. Ehlementoorganicheskikh Soedinenij imeni A.N. Nesmeyanova, Moscow (RU)); Legeza, V.I.; Turlakov, Yu.S.; Drachev, I.S. (Nauchno-Issledovatel'skij Ispytatel'nyj Tsentr (Mediko-Biologicheskoy Zashchity) GNIII Voennoj Meditsiny MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sintez i izuchenie biologicheskoy aktivnosti kompleksov glutaminovoj kisloty i atsetiltsisteina s biometallami i podobnykh soedinenij

p. 231

(RU)

Biometals: Zn, Co

Voeno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHEMICAL PREPARATION; GLUTAMIC ACID; RADIOPROTECTIVE SUBSTANCES; LETHAL RADIATION DOSE; BIOCHEMISTRY; TOXICITY; RADIATION PROTECTION

On the prospects of using modern pharmacy medicinal preparations #Left Double Quotation Mark#out instructions#Right Double Quotation Mark# - as a radioprotective agents**S63**

Krasil'nikov, I.I.; Tarnopol'skaya, L.G. (Nauchno-Issledovatel'skij Ispytatel'nyj Tsentr (Mediko-Biologicheskoy Zashchity) GNIII Voennoj Meditsiny MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O perspektivakh ispol'zovaniya sovremennykh aptechnykh lekarstvennykh preparatov #Left Double Quotation Mark#vne instruktsii#Right Double Quotation Mark# - kak radiozashchitnykh sredstv

p. 231-232

(RU)

Voeno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

IONIZING RADIATIONS; PHARMACOLOGY; RADIOPROTECTIVE SUBSTANCES; THERAPEUTIC USES; PREVENTIVE MEDICINE; RADIATION INJURIES

On the effectiveness of ferrocen in incorporating cesium

S63

Krasnyuk, V.I.; Yatsenko, V.N.; Kasymova, O.A.; Kukhta, B.A.; Metlyaeva, N.A. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ob ehffektivnosti ferrotsina pri inkorporatsii tseziya

p. 232

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

FERROCENE; INTERNAL IRRADIATION; RADIONUCLIDE KINETICS; CESIUM 137; UPTAKE; STRONTIUM 90; EFFICIENCY

Biochemical mechanisms of cell adaptive reactions in chronic low-intensive irradiation and action of phytoecdysteroid preparation serpisten

S63

Kudyasheva, A.G.; Volodin, V.V. (Inst. Biologii Komi NTs UrO RAN, Syktyvkar (RU));

Andreeva, L.I. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Biokhimicheskie mekhanizmy kletochnykh adaptivnykh reaktsij pri khronicheskom nizkointensivnom obluchenii i dejstvii fitoehkdisteroidnogo preparata serpisten

p. 233

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; DOSE-RESPONSE RELATIONSHIPS; LOW DOSE IRRADIATION; THERAPEUTIC USES; RADIOPROTECTIVE SUBSTANCES; BIOLOGICAL ADAPTATION; DELAYED RADIATION EFFECTS

Radioprotective efficiency of mutual application of heparin, cystamine, mexamine and interleukin-1 β in acute external irradiation

S63

Lukashin, B.P.; Grebenyuk, A.N.; Zatsepin, V.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Radiozashchitnaya ehffektivnost' sovместnogo primeneniya geparina, tsistamina, meksamina i interlejkina-1 β pri ostrom vneshnem obluchenii

p. 233-234

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

EXTERNAL IRRADIATION; ACUTE IRRADIATION; COMPARATIVE EVALUATIONS; HEPARIN; CYSTAMINE; MEXAMINE; LYMPHOKINES; GAMMA RADIATION

Radioprotective activity of amino acid Schiff bases and their complexes with copper

S63

Malakyan, M.G. (Nauchnyj Tsentr Radiatsionnoj Meditsiny i Ozhogov Minzdrava Armenii, Erevan (AM))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Protivoluchevaya aktivnost' aminokislotnykh Shiffovykh osnovanij i ikh kompleksov s med'yu p. 234

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

SCHIFF BASES; COPPER COMPLEXES; RATS; RADIOPROTECTIVE SUBSTANCES; AMINO ACIDS; SURVIVAL TIME

Probiotics in radiation medicine

S62

Mal'tsev, V.N. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)); Petrov, L.N. (Gosudarstvennyj Nauchno-Issledovatel'skij Inst. Osobo Chistykh Biopreparatov FMBA Rossii, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Probiotiki v radiatsionnoj meditsine

p. 235

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DELAYED RADIATION EFFECTS; RADIATION SYNDROME; MEDICAL SURVEILLANCE; ANTIBIOTICS; SURVIVAL TIME; LETHAL IRRADIATION; DIGESTIVE SYSTEM DISEASES; NUCLEAR MEDICINE

Evaluation of the effectiveness radioprotective #beta#-estradiol in acute irradiation

S63

Myasnikov, V.A.; Grebenyuk, A.N.; Bykov, V.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka radiozashchitnoj ehffektivnosti #beta#-ehstradiola pri ostrom obluchenii

p. 235-236

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIOPROTECTIVE SUBSTANCES; RADIATION PROTECTION; ACUTE IRRADIATION; POST-IRRADIATION EXAMINATION; DOSE-RESPONSE RELATIONSHIPS; SURVIVAL TIME; LABORATORY ANIMALS; GY RANGE 01-10; BONE MARROW; BLOOD FORMATION

Innovations in providing pharmacological therapy of chemical and radiation injuries

S63

Nazarov, V.B.; Gladkikh, V.D.; Boyarintsev, V.V.; Samojlov, A.S.; Lebedev, A.O.; Belovolov, A.Yu. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Innovatsii v farmakologicheskom obespechenii terapii khimicheskikh i radiatsionnykh porazhenij

p. 236

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

THERAPEUTIC USES; RADIATION BURNS; RADIODERMATITIS; RADIOPROTECTIVE SUBSTANCES; HEALTH HAZARDS; RADIATION PROTECTION; BIOCHEMISTRY

Influence of body detoxification on recovering myocardial function after local radiation exposure

S63

Nesterenko, V.S.; Yatsenko, E.M.; Savina, N.P.; Filimonova, M.V.; Khakayu, I.L.; Moiseeva, L.A.; Konoplyannikov, A.G. (Meditsinskij Radiologicheskij Nauchnyj Tsentr Minzdravstvosrazvitiya RF, Obninsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vliyanie obshchej detoksikatsii organizma na vosstanovlenie funktsii miokarda posle lokal'nogo lucheвого vozdejstviya

p. 237

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

DETOXIFICATION; LOCAL IRRADIATION; THERAPEUTIC USES; GY RANGE 01-10; MYOCARDIUM; RADIATION INJURIES; GAMMA RADIATION

Experimental study of radioprotective efficiency of transfusion allogeneic stem cells of peripheral blood stimulated by cytokines

S63

Pershko, V.A.; Khalimov, Yu.Sh.; Salukhov, V.V. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)); Drachev, I.S.; Legeza, V.I.; Seleznev, A.B. (Nauchno-Issledovatel'skij Ispytatel'nyj Tsentr (Mediko-Biologicheskoy Zashchity) GNIII Voенnoj Meditsiny MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem
Ehksperimental'noe izuchenie protivoluchevoj ehffektivnosti transfuzii allogennykh stvolovykh kletok perifericheskoy krovi, stimulirovannykh tsitokinami
p. 237-238
(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

STEM CELLS; BLOOD; RADIATION PROTECTION; RADIATION INJURIES;
THERAPEUTIC USES; TRANSFUSIONS; GAMMA RADIATION

On the mechanism of the protective effect of melatonin when radiomimetic actions

S63

Pikalova, L.V.; Legeza, V.I.; Ivanov, M.B.; Petlenko, S.V.; Bogdanova, E.G. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

K voprosu o mekhanizmax zashchitnogo ehffekta melatonina pri radiomimeticheskikh vozdejstviyakh

p. 238

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

MELATONIN; GAMMA RADIATION; CELL PROLIFERATION; RADIATION PROTECTION; RADIOPROTECTIVE SUBSTANCES; SPLEEN; LEUKOCYTES

Increase of resistance of organism by preparations with radioprotective and medicinal components

S63

Rasina, L.N. (Inst. Organicheskogo Sintezha imeni I.Ya. Postovskogo, Ekaterinburg (RU)); Inst. Ekhologii Rastenij i Zhivotnykh Ural'skogo Otdeleniya RAN, Ekaterinburg (RU)); Chupakhin, O.N. (Inst. Organicheskogo Sintezha imeni I.Ya. Postovskogo, Ekaterinburg (RU)); Ural'skij Federal'nyj Univ. imeni B.N. El'tsina, Ekaterinburg (RU)); Charushin, V.N. (Inst. Organicheskogo Sintezha imeni I.Ya. Postovskogo, Ekaterinburg (RU)); Novikova, A.P.; Kotovskaya, S.K. (Ural'skij Federal'nyj Univ. imeni B.N. El'tsina, Ekaterinburg (RU)); Orekhova, N.A. (Inst. Ekhologii Rastenij i Zhivotnykh Ural'skogo otdeleniya RAN, Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Povyshenie rezistentnosti organizma preparatami s radiozashchitnoj i lekarstvennoj sostavlyayushchimi

p. 238-239

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; LOW DOSE IRRADIATION; RADIOPROTECTIVE SUBSTANCES; DELAYED RADIATION EFFECTS; MICE; THIAZOLES

Current issues in the study and search of radioprotective preparations

S63

Rozhdestvenskij, L.M. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Aktual'nye voprosy izucheniya i poiska protivoluchevykh preparatov

p. 239

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.

ACUTE IRRADIATION; RADIATION PROTECTION; LOW DOSE IRRADIATION;
RADIOPROTECTIVE SUBSTANCES; THERAPEUTIC USES; RESEARCH PROGRAMS

Study the effectiveness of sorption ^{137}Cs on the mushroom chitin-containing substrates in vivo and in vitro

S63

Senyuk, O.F.; Kireev, S.S.; Krul', N.I.; Palamar, L.A.; Kovalev, V.A. (Inst. Problem Bezopasnosti AEhS NAN Ukrainy, Chernobyl' (UA)); Gorovoj, L.F. (Inst. Kletочноj Biologii i Geneticheskoy Inzhenerii NAN Ukrainy, Kiev (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Izuchenie ehffektivnosti sorbtzii ^{137}Cs na gribnykh khitin-soderzhashchikh substratakh in vivo i in vitro

p. 240
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.

CESIUM 137; INTERNAL IRRADIATION; SORPTION; IN VITRO; IN VIVO; RADIATION PROTECTION; CHRONIC INTAKE

Modification of effects of the protatrans group drug on conditioned reflex activity in rats under low-intensive electromagnetic radiation

S63

Starchenko, D.A.; Bekreneva, T.I.; Zharova, L.T.; Sofronov, G.A.; Murzina, E.V. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Modifikatsiya ehffektov preparata gruppy protatranov na uslovnoreflektornuyu deyatel'nost' kryz vozdejstviem malointensivnogo ehlektromagnitnogo izlucheniya

p. 240-241

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ELECTROMAGNETIC RADIATION; BIOLOGICAL RADIATION EFFECTS; RATS; BEHAVIOR; RADIOPROTECTIVE SUBSTANCES; RADIATION PROTECTION; RADIOSENSITIVITY EFFECTS

Biological properties and radioprotective effect of 1,3,4-thiadiazine

S63

Tarakhtij, Eh.A. (Inst. Ehkologii Rastenij i Zhivotnykh UrO RAN, Ekaterinburg (RU)); Sidorova, L.P. (Ural'skij Federal'nyj Univ., Ekaterinburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Biologicheskie svoystva i radiozashchitnyj ehffekt 1,3,4-tiadiazinov

p. 241

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

AZINES; RADIOPROTECTIVE SUBSTANCES; RADIATION PROTECTION; MITOCHONDRIA; LIVER; ANOXIA

Evaluation of radioprotective efficacy of the drug #Left Double Quotation Mark#Esmine#Right Double Quotation Mark# during acute irradiation

S63

Uzlenkova, N.E.; Mamotyuk, E.M. (Inst. Meditsinskoj Radiologii imeni S.P. Grigor'eva NAMN Ukrainy, Khar'kov (UA)); Grigor'eva, A.S.; Konakhovich, N.F. (Inst. Farmakologii i Toksikologii NAMN Ukrainy, Kiev (UA)); Shapovalov, S.O. (Inst. Zhivotnovodstva NAAN Ukrainy, Khar'kov (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with

international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka radiozashchitnoj ehffektivnosti preparata #Left Double Quotation Mark#Ehsmin#Right Double Quotation Mark# pri ostrom obluchenii

p. 242

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; EXTERNAL IRRADIATION; RATS; SURVIVAL TIME; RADIOPROTECTIVE SUBSTANCES; EVALUATION; X RADIATION; GY RANGE 01-10

Application of preparation #Left Double Quotation Mark#Esmin#Right Double Quotation Mark# in combined therapy of radiodermatitis

S63

Uzlenkova, N.E. (Inst. Meditsinskoj Radiologii imeni S.P. Grigor'eva NAMN Ukrainy, Khar'kov (UA)); Grigor'eva, A.S.; Konakhovich, N.F. (Inst. Farmakologii i Toksikologii NAMN Ukrainy, Kiev (UA)); Shapovalov, S.O. (Inst. Zhivotnovodstva NAAN Ukrainy, Khar'kov (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozmozhnost' primeneniya preparata #Left Double Quotation Mark#Ehsmin#Right Double Quotation Mark# v kompleksnom lechenii radiatsionnykh porazhenij kozhi

p. 243

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIODERMATITIS; THERAPEUTIC USES; X RADIATION; GY RANGE 10-100; EXTERNAL IRRADIATION; RADIOPROTECTIVE SUBSTANCES; RADIATION PROTECTION; TIME DEPENDENCE

Fundamentals of the development of early therapy of acute radiation syndrome

S63

Chigareva, N.G. (Voенno-Meditsinskij Muzej MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osnovy razrabotki sredstv rannej terapii ostroj luchevoj bolezni

p. 243-244

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION SYNDROME; POST-IRRADIATION THERAPY; RADIATION INJURIES; RADIOPROTECTIVE SUBSTANCES; PATHOGENESIS; PATHOLOGICAL CHANGES; SYMPTOMS

Approach to increasing the resistance of human cells to mutagens (radiation, heavy metals) using antimutagens

S63

Shagirova, Zh.M.; Mikhajlov, V.F.; Shulenina, L.V. (Federal'nyj Meditsinskij Biofizicheskij Tsentr imeni A.I. Burnazyana FMBA Rossii, Moscow (RU)); Vasil'eva, I.M.; Zasukhina, G.D. (Inst. Obshchej Genetiki imeni N.I. Vavilova RAN, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Podkhody k uvelicheniyu ustojchivosti kletok cheloveka k mutagenam (radiatsiya, tyazhelye metally) s pomoshch'yu antimutagenov

p. 244

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

LYMPHOCYTES; BIOLOGICAL RADIATION EFFECTS; HEAVY METALS;
RADIOSENSITIVITY; HOMEOSTASIS; DETOXIFICATION; DNA REPAIR; EFFICIENCY;
RADIATION PROTECTION

Synthesis and biological activity of potential radioprotectors - derivatives of N-thioaroylpyrano[3,2-c]chromene-3-carboxamides

S63

Shutov, R.V. (Sankt-Peterburgskaya Gosudarstvennaya Khimiko-Farmatsevticheskaya Akademiya, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sintez i biologicheskaya aktivnost' potentsial'nykh radioprotektorov - proizvodnykh n-tioaroylpirano[3,2-c]khromen-3-karboksamidov

p. 244-245

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

RADIOPROTECTIVE SUBSTANCES; CHEMICAL PREPARATION; BIOCHEMISTRY;
RADIATION PROTECTION; HETEROCYCLIC COMPOUNDS; CHEMICAL
COMPOSITION; TOXICITY

Action of mesenchymal stem cells on recovering rat small intestine gamma-irradiated

S63

Yuzhakov, V.V.; Yakovleva, N.D.; Konoplyannikov, A.G. (Meditsinskij Radiologicheskij Nauchnyj Tsentр Minzdravotsrazvitiya RF, Obninsk (RU)) (and others)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Dejstvie mezenkhimal'nykh stvolovykh kletok na vosstanovlenie tonkoj kishki krys posle gamma-oblucheniya

p. 245

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

GAMMA RADIATION; STEM CELLS; WHOLE-BODY IRRADIATION; SMALL INTESTINE; RADIATION PROTECTION; TIME DEPENDENCE; CELL PROLIFERATION

Emergency preparedness to health care of population when large-scale radiation accidents

S22

Avetisov, G.M. (Vserossijskij Tsentr Meditsiny katastrof Zashchita, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Avarijnaya gotovnost' k meditsinskomu obespecheniyu naseleniya pri krupnomasshtabnykh radiatsionnykh avariyakh

p. 246

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION ACCIDENTS; NUCLEAR POWER PLANTS; MEDICAL SURVEILLANCE; RADIATION PROTECTION; PREVENTIVE MEDICINE; EMERGENCY PLANS

Sociopsychological consequences of Chernobyl accident

S22

Arkhangel'skaya, G.V.; Zykova, I.A.; Zelentsova, S.A. (Sankt-Peterburgskij Nauchno-Issledovatel'skij Inst. Radiatsionnoj Gigieny imeni professora P.V. Ramzaeva, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Sotsial'no-psikhologicheskie posledstviya Chernobyl'skoj avarii

p. 247-248

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; SOCIAL IMPACT; HUMAN FACTORS; BEHAVIOR; REGIONAL ANALYSIS; HUMAN POPULATIONS; RADIATION HAZARDS; RISK ASSESSMENT

Medical-social and legal protection of the child population, exposed by radiation from the Chernobyl accident - results of the past and challenges ahead

S22

Baleva, L.S.; Sipyagina, A.E.; Yakovleva, I.N.; Lavrent'eva, E.B.; Kuz'mina, T.B.; Kolosova, L.K.; Karakhan, N.M. (Moskovskij Nauchno-Issledovatel'skij Inst. Pediatrii i Detskoj Khirurgii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Mediko-sotsial'naya i pravovaya zashchita detskogo naseleniya, podvergshegosya vozdejstviyu radiatsii v rezul'tate avarii na ChAEhS, - itogi proshlogo i zadachi na budushchee

p. 248

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; CHILDREN; MEDICAL SURVEILLANCE; SOCIAL IMPACT; LEGAL ASPECTS; RADIATION PROTECTION; HEALTH HAZARDS; RADIATION MONITORING; RISK ASSESSMENT

Promising approaches to the provision of medical services with modern antidotes and radioprotectors

S63

Belevitin, A.B.; Nikitin, A.Eh. (Glavnoe Voenno-Meditsinskoe Upravlenie MO RF, Moscow (RU)); Grebenyuk, A.N.; Miroshnichenko, Yu.V.; Minaev, D.Yu.; Slobodenyuk, A.V.; Vlasenko, T.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Perspektivnye podkhody k obespecheniyu meditsinskoj sluzhby sovremennymi antidotami i radioprotektorami

p. 248-249

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PHARMACOLOGY; FIRST AID; CYSTAMINE; MEDICAL SURVEILLANCE; DELAYED RADIATION EFFECTS; PREVENTIVE MEDICINE; RADIATION PROTECTION

Method for determining the levels and consequences impact of harmful factors of fires on people in means of transportation and storage rooms of hazardous objects

S63

Volkova, V.A.; Nedelina, T.A. (Nauchno-Issledovatel'skij Tsentr Bezopasnosti Tekhnicheskikh Sistem 12 Tsentral'nogo Nauchno-Issledovatel'skogo Inst. MO RF, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Metod opredeleniya urovnej i posledstvij vozdejstviya na lyudej vrednykh faktorov pozharov v sredstvakh transportirovki i pomeshcheniyakh khraneniya opasnykh ob"ektov

p. 249

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

FIRE HAZARDS; BIOLOGICAL EFFECTS; RISK ASSESSMENT; MATHEMATICAL MODELS; LETHAL MUTATIONS; TOXICITY; HEALTH HAZARDS; PUBLIC HEALTH

Ability to use of electronic dosimetry in armed forces of the Czech Republic S61

Gavrankova, R.; Gavranek, J. (Yuzhnocheshskij Univ., Mediko-Sotsial'nyj Fakul'tet, Cheshske Budejovitse (CZ)); Navratil, L. (Cheshskij Tekhnicheskij Univ., Fakul'tet Biomeditsinskoj Inzhenerii, Praga (CZ))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Vozmozhnosti ispol'zovaniya ehlektronnoj dozimetrii vooruzhennymi silami Cheshskoj Respubliki

p. 250

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CZECH REPUBLIC; ELECTRON DOSIMETRY; RADIATION PROTECTION; PERSONNEL MONITORING; MILITARY PERSONNEL; SAFETY

Assessment of calculation method for determining class of hazardous wastes S54

Grigor'ev, L.N. (Sankt-Peterburgskaya Gosudarstvennaya Khimiko-Farmatsevticheskaya Akademiya, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka raschetnogo sposoba opredeleniya klassa opasnosti otkhodov

p. 251

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)
Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts
Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov
ISBN 978-5-93929-206-1
Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.
ENVIRONMENTAL EFFECTS; ENVIRONMENTAL PROTECTION; CHEMICAL WASTES; RADIOACTIVE WASTES; RADIATION HAZARDS; SAFETY; CALCULATION METHODS

Use of scientific developments - the basic way of safe conducting of production in the condition of radioactive contamination

S63

Zhdanovich, V.P. (Inst. Radiobiologii NAN Belarusi, Gomel' (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ispol'zovanie nauchnykh razrabotok - osnovnoj put' bezopasnogo vedeniya proizvodstva v usloviyakh radioaktivnogo zagryazneniya

p. 252

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; CONTAMINATION; BIOLOGICAL RADIATION EFFECTS; CESIUM 137; STRONTIUM 90; SOILS; PLANTS

Human factor as a reason for technological accidents and catastrophes

S54

Zhekalov, A.N.; Tkachuk, N.A.; Belokopytova, E.V.; Gavriilyuk, B.L. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s

mezhdunarodnym uchastiem

Chelovecheskij faktor kak prichina tekhnogennykh avarij i katastrof

p. 252

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; HUMAN FACTORS; BEHAVIOR; ETHICAL ASPECTS; CHERNOBYLSK-4 REACTOR; REACTOR ACCIDENTS; RADIATION HAZARDS

Economic equivalents of assessments ecological and medical damages caused when radiation accident

S54

Ignatov, A.A.; Korovkina, E.P.; Bulanova, T.M. (Federal'nyj Meditsinskij Biofizicheskij Tsentr im. A.I. Burnazyana FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehkonomicheskie ehkvivalenty otsenok ehkologo-meditsinskikh ushcherbov pri radiatsionnoj avarii

p. 253

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; SOCIO-ECONOMIC FACTORS; RADIATION ACCIDENTS; ACCIDENT MANAGEMENT; ABSORBED RADIATION DOSES; NUCLEAR DAMAGE

Environmental consequences of accidents on chemically hazardous objects

S54

Igonina, N.A.; Petrov, V.P. (Sankt-Peterburgskaya Gosudarstvennaya Pediatricheskaya Meditsinskaya Akademiya, Sankt-Peterburg (RU)); Igonin, S.A. (Voенno-Meditsinskaya

Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Ehkologicheskie posledstviya avarij na khimicheski opasnykh ob"ektakh

p. 254

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; ACCIDENTS; INTAKE; HAZARDOUS MATERIALS; ENVIRONMENTAL EXPOSURE; TOXICITY; INJURIES

On some issues of implementation of industrial control in the workplaces with a pronounced chemical factor

S63

Mozzhukhina, N.A.; Nikonov, V.A.; Khomulo, D.P.; Figurovskij, A.P. (Sankt-Peterburgskaya Gosudarstvennaya Meditsinskaya Akademiya imeni I.I. Mechnikova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

O nekotorykh problemakh realizatsii proizvodstvennogo kontrolya na rabochikh mestakh s vyrazhennym khimicheskim faktorom

p. 256-257

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

OCCUPATIONAL SAFETY; HEALTH HAZARDS; WORKING CONDITIONS; TOXICITY; AIR POLLUTION CONTROL; OCCUPATIONAL DISEASES

Information in chemical safety

S63

Musijchuk, Yu.I. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Informatsionnoe obespechenie khimicheskoy bezopasnosti

p. 257

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

INFORMATION; TOXICITY; BIOLOGICAL EFFECTS; DATA BASE MANAGEMENT; RECOMMENDATIONS; LIBRARIES; SAFETY

Directions of perfection of special first aid kits and kits of medical property, designed to assist when poisonings and radiation damage

S63

Musijchuk, Yu.I.; Zatsepin, V.V.; Konev, V.V.; Sidorov, D.A. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Napravleniya sovershenstvovaniya spetsial'nykh aptechek i komplektov meditsinskogo imushchestva, prednaznachennykh dlya okazaniya pomoshchi pri otravleniyakh i radiatsionnykh porazheniyakh

p. 258

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

RADIATION PROTECTION; FIRST AID; HEALTH HAZARDS; RADIATION INJURIES;
TOXICITY; POISONING; STANDARDIZATION

Identification of potential incidents during oil transportation by water transport leading to environmental accidents

S54

Novikov, V.K.; Semenov, A.A. (Moskovskaya Gosudarstvennaya Akademiya Vodnogo Transporta, Moscow (RU)); Novikov, S.V. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Identifikatsiya potentsial'nykh intsidentov v khode perevozki nefi vodnym transportom, privodyashchikh k avarii s ehkologicheskimi posledstviyami

p. 258-259

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; TRANSPORT; OIL SPILLS; SAFETY; TANKER SHIPS;
PROBABILITY; HUMAN FACTORS

Preventive measures for chemical safety of dangerous chemicals carriage using water transport

S54

Novikov, V.K. (Moskovskaya Gosudarstvennaya Akademiya Vodnogo Transporta, Moscow (RU)); Novikov, S.V. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Preventivnye mery obespecheniya khimicheskoy bezopasnosti perevozki opasnykh khimicheskikh veshchestv vodnym transportom

p. 259

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ENVIRONMENTAL EFFECTS; ACCIDENTS; TOXIC MATERIALS; TANKER SHIPS; SAFETY; TRANSPORT

Ensuring radiation safety of the population, living around nuclear power plants S11

Novikov, S.V. (Nauchno-Proizvodstvennyj Tsentr Farmzashchita FMBA Rossii, Khimki, Moskovskaya Obl. (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Obespechenie radiatsionnoj bezopasnosti naseleniya, prozhivayushchego vokrug AEhS

p. 260

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

NUCLEAR POWER PLANTS; RADIATION PROTECTION; OCCUPATIONAL SAFETY; PERSONNEL; IONIZING RADIATIONS; HUMAN POPULATIONS; CONTROLLED AREAS; RADIATION MONITORING

Assessment of the scale of population migration when radioactive contamination of land residing

S54

Poluboyarinov, V.N.; Grabskij, Yu.V.; Pankratov, V.V. (12 Tsentral'nyj Nauchno-Issledovatel'skij Inst. MO RF, Sergiev Posad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Otsenka masshtabov migratsii naseleniya pri radioaktivnom zagryaznenii territorii prozhivaniya p. 260-261

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CONTAMINATION; CHERNOBYLSK-4 REACTOR; ACCIDENTS; HUMAN POPULATIONS; ENVIRONMENTAL EFFECTS; CESIUM 137; EVACUATION; POPULATION RELOCATION

To evaluation of the national and psychological characteristics of response of people on extreme conditions

S60

Poluboyarinov, V.N.; Ermolaeva, S.A.; Grabskij, Yu.V. (12 Tsentral'nyj Nauchno-Issledovatel'skij Inst. MO RF, Sergiev Posad (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

K otsenke natsional'no-psikhologicheskikh osobennostej reagirovaniya lyudej na ehkstremal'nye vozdejstviya

p. 261

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PUBLIC HEALTH; HUMAN POPULATIONS; HEALTH HAZARDS; BEHAVIOR; HUMAN FACTORS; SOCIO-ECONOMIC FACTORS; ACCIDENTS

Organization of work of toxicologist-radiologist from the group of medical

support participating in liquidation of emergency situations

S60

Rusev, I.T.; Elizar'ev, S.V. (Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Organizatsiya raboty toksikologa-radiologa iz sostava grupp meditsinskogo usileniya, uchastvuyushchego v likvidatsii posledstvij chrezvychajnykh situatsij

p. 262-263

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ACCIDENTS; PUBLIC HEALTH; TOXICITY; RADIOLOGICAL PERSONNEL; SAFETY; FIRST AID; MEDICAL SURVEILLANCE

Features of provision of qualified medical aid when defeated of ionizing radiation in disaster areas by teams medical support on the basis of medical group of special purpose

S63

Rusev, I.T.; Elizar'ev, S.V. (Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osobennosti okazaniya kvalifitsirovannoj meditsinskoj pomoshchi porazhennym ioniziruyushchim izlucheniem v zonakh katastrof gruppami meditsinskogo usileniya na baze meditsinskogo otryada spetsial'nogo naznacheniya

p. 263

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.

IONIZING RADIATIONS; RADIATION ACCIDENTS; REACTOR ACCIDENTS;
EVACUATION; FIRST AID; ACCIDENT MANAGEMENT; HEALTH HAZARDS; PUBLIC
HEALTH

Fungal chitin-containing materials as sorbents of radioiodine from the air-gas mixtures of NPP

S54

Rybalka, V.B.; Senyuk, O.F. (Inst. Problem Bezopasnosti AEhS NAN Ukrainy, Chernobyl' (UA)); Gorovoj, L.F. (Inst. Kletochnoj Biologii i Geneticheskoy Inzhenerii NAN Ukrainy, Kiev (UA))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Gribnye khitin-soderzhashchie materialy kak sorbenty radiojoda iz vozdušno-gazovykh smesej proizvodstvennykh pomeshchenij AEhS

p. 263-264
(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)
OOO Izdatel'stvo Foliant
2011
312 p.

NUCLEAR POWER PLANTS; IODINE ISOTOPES; CHITIN; ADSORBENTS;
DECONTAMINATION; RADIATION PROTECTION; AIR CLEANING

Directions of perfection of organization and health care during mass acute chemical lesions

S60

Sarmanaev, S.Kh.; Prostakishin, G.P. (Vserossijskij Tsentr Meditsiny Katastrof Zashchita, Inst. Povysheniya Kvalifikatsii FMBA Rossii, Moscow (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)
19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Napravleniya sovershenstvovaniya organizatsii i okazaniya meditsinskoj pomoshchi pri massovykh ostrykh khimicheskikh porazheniyakh

p. 264-265

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

PUBLIC HEALTH; HEALTH HAZARDS; HUMAN POPULATIONS; TOXIC MATERIALS; STANDARDIZATION; FIRST AID; ACCIDENTS; INJURIES

Moral and psychological state of the population in evaluation of the consequences of radiation accident

S63

Smirnov, N.A. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Moral'no-psikhologicheskoe sostoyanie naseleniya v otsenke posledstvij radiatsionnoj avarii

p. 265

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

CHERNOBYLSK-4 REACTOR; HUMAN POPULATIONS; REACTOR ACCIDENTS; BEHAVIOR; HUMAN FACTORS; EVACUATION; POPULATION RELOCATION; RADIATION HAZARDS

Organizational and therapeutic aspects of chemical accidents

S60

Khalimov, Yu.Sh.; Gajduk, V.A.; Pershin, V.N. (Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Organizatsionnye i terapevticheskie aspekty khimicheskikh avarij

p. 265-266

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

ACCIDENTS; HAZARDOUS MATERIALS SPILLS; HUMAN FACTORS; TOXICITY; PUBLIC HEALTH; DIAGNOSIS; THERAPY; HEALTH HAZARDS; FIRST AID

Basic ideas of common radiobiology for medical students

S63

Butomo, N.V.; Grebenyuk, A.N. (Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Osnovnye idei obshchej radiobiologii dlya studentov-medikov

p. 272-273

(RU)

Voенно-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

PUBLIC HEALTH; HEALTH SERVICES; BIOLOGICAL RADIATION EFFECTS; POST-IRRADIATION THERAPY; LEARNING; MEDICAL PERSONNEL

To the problem of teaching toxicology in medical institute

S96

Vasendin, D.V. (Novosibirskij Gosudarstvennyj Meditsinskij Univ., Novosibirsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

K voprosu o prepodavanii toksikologii v meditsinskom vuze

p. 273

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

EDUCATION; MEDICAL PERSONNEL; ACCIDENTS; TOXICITY; THERAPY; KNOWLEDGE MANAGEMENT

Organization of training of doctors on #Left Double Quotation Mark#Toxicologist, radiobiology and medical protection#Right Double Quotation Mark# within the discipline of #Left Double Quotation Mark#Extreme and military medicine#Right Double Quotation Mark# S63

Davydova, E.V.; Rybalko, V.M. (Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Organizatsiya podgotovki vrachej po #Left Double Quotation Mark#Toksikologii, radiobiologii i meditsinskoj zashchite#Right Double Quotation Mark# v ramkakh distsipliny #Left Double Quotation Mark#Ehkstremal'naya i voennaya meditsina#Right Double Quotation Mark#

p. 276

(RU)

Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Izdatel'stvo Foliant

2011

312 p.

TOXICITY; BIOLOGICAL EFFECTS; HAZARDOUS MATERIALS; MEDICAL PERSONNEL; LEARNING; PUBLIC HEALTH

Training of ecological toxicology in medical high school

S54

Emel'yanova, E.K.; Nikiforova, N.G. (Novosibirskij Gosudarstvennyj Meditsinskij Univ., Novosibirsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Prepodavanie ehkologicheskoy toksikologii v meditsinskom vuze

p. 276-277

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

ECOSYSTEMS; ENVIRONMENT; TOXIC MATERIALS; ECOLOGY; EDUCATION; LEARNING

Problems of teaching of clinical toxicology in medical high school

S96

Zobnin, Yu.V. (Irkutskij Gosudarstvennyj Meditsinskij Univ., Irkutsk (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Problemy prepodavaniya klinicheskoy toksikologii v meditsinskom vuze

p. 277

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

STANDARDIZATION; FIRST AID; EDUCATION; BIOLOGICAL EFFECTS; MEDICAL PERSONNEL; HEALTH HAZARDS; ACCIDENTS; KNOWLEDGE MANAGEMENT

Study of #Left Double Quotation Mark#Bases of biochemistry and toxicology#Right Double Quotation Mark# in preparing environmental engineers

S54

Levdanskaya, V.A. (Belorusskij Natsional'nyj Tekhnicheskij Univ., Minsk (BY))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Izuchenie distsipliny #Left Double Quotation Mark#Osnovy biokhimii i toksikologii#Right Double Quotation Mark# pri podgotovke inzhenerov-ehkologov

p. 277-278

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

OOO Izdatel'stvo Foliant

2011

312 p.

KNOWLEDGE MANAGEMENT; ECOLOGY; HEALTH HAZARDS; TOXIC MATERIALS; ENVIRONMENTAL EFFECTS; TOXICITY; EDUCATION

Development prospects of radiation geography

S54

Tikhonov, M.N.; Terent'ev, L.P. (Voенno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU))

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation

Sankt-Peterburg (RU)

19-20 May 2011

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem

Perspektivy razvitiya radiatsionnoj geografii

p. 279

(RU)

Voenno-Meditsinskaya Akademiya imeni S.M. Kirova, Sankt-Peterburg (RU)

Actual problems of toxicology and radiobiology. Russian scientific conference with international participation. Book of abstracts

Aktual'nye problemy toksikologii i radiobiologii. Rossijskaya nauchnaya konferentsiya s mezhdunarodnym uchastiem. Tezisy dokladov

ISBN 978-5-93929-206-1

Sankt-Peterburg (RU)

ООО Издатel'stvo Foliant

2011

312 p.

ECOLOGY; GEOGRAPHY; SITE CHARACTERIZATION; SAFETY; RADIATION PROTECTION; ENVIRONMENT; LAND USE

Alternative strategies of nuclear industry development in XXI century

S21

Goverdovskij, A.A.; Kalyakin, S.G.; Rachkov, V.I. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: sorokin@ippe.ru

Al'ternativnye strategii razvitiya yadernoj ehnergetiki v XXI v

p. 3-10

(RU)

20 refs., 3 figs., 1 tab.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

FAST REACTORS; NUCLEAR POWER; POWER GENERATION; NUCLEAR INDUSTRY; SAFETY; FUEL CYCLE; NON-PROLIFERATION POLICY; NUCLEAR WEAPONS; REPROCESSING; SPENT FUELS; ECONOMICS; ECONOMIC POLICY; PLANNING; COMPARATIVE EVALUATIONS

The actual status and the role of world nuclear industry are considered, as well as the state and problems of nuclear industry in Russia. The present concepts of the long-term nuclear engineering development strategy are analyzed. It is shown that the most perspective variant is orientation on the closed fuel cycle with fast reactors which is satisfy the acceptable safety requirements

Рассмотрено современное состояние и роль мировой ядерной энергетики, а также состояние и проблемы ядерной энергетики России. Проанализированы существующие концепции долгосрочной стратегии развития ядерной энергетики. Показано, что наиболее перспективным вариантом является ориентация на замкнутый ядерный топливный цикл с реакторами на быстрых нейтронах, удовлетворяющий требованиям приемлемой безопасности

From the First NPP to nuclear power facilities of the IV generation (on the 60th anniversary of the world's First NPP)

S21

Rachkov, V.I.; Kalyakin, S.G.; Kukharchuk, O.F.; Orlov, Yu.I.; Sorokin, A.P. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: sorokin@ippe.ru

Ot Pervoj AEhS do YaEhU pokoleniya IV [k 60-letiyu Pervoj v mire AEhS]

p. 11-19

(RU)

14 refs., 6 figs.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

NUCLEAR POWER PLANTS; LWGR TYPE REACTORS; WWER TYPE REACTORS;
FAST REACTORS; COOLANTS; LIQUID METALS; NUCLEAR FACILITIES;
SPACECRAFT POWER SUPPLIES; PLASMA; NUCLEAR PUMPING; RESEARCH
PROGRAMS; RADIATION PROTECTION; PHYSICAL CHEMISTRY; MATERIALS;
RADIATION EFFECTS; SOLID STATE PHYSICS; ACCELERATORS; MULTICHARGED
IONS

The AM reactor of the first world's NPP (1957-2002) was one of the reactor bases where neutron investigations were conducted as well as investigations on solid-state physics, testing of fuel elements and electric generating channels, isotope production. Under scientific supervision of the Institute for Physics and Power Engineering more than 120 projects of various nuclear power facilities were created; scientific, engineering and technological schools were organized in the field of nuclear physics of low and intermediate energies, electrostatic multicharged ion accelerators, plasma processes in thermoionic transducers and nuclear pumped lasers, physics of small-sized nuclear reactors and radiation safety, thermophysics, physical chemistry and technology of liquid metal coolants, physics of radiation damages and radiation material science. Works on large-scale atomic engineering on the base of closed fuel cycle with fast reactors are in progress

Реактор АМ Первой в мире АЭС (1954-2002) был одной из реакторных баз, на которых проводились нейтронно-физические исследования, исследования по физике твердого тела, испытания твэлов, электрогенерирующих каналов, наработка изотопной продукции. Под научным руководством Физико-энергетического института создано более 120 проектов различных ядерных энергетических установок; организованы научные, инженерные и технологические школы в области ядерной физики низких и промежуточных энергий, электростатических ускорителей многозарядных ионов, плазменных процессов в термоэмиссионных преобразователях и лазерах с ядерной накачкой, физики малогабаритных ядерных реакторов и радиационной защиты, теплофизики, физической химии и технологии жидкометаллических теплоносителей, физики радиационных повреждений и радиационного материаловедения. Ведутся работы по развитию крупномасштабной атомной энергетики на основе замкнутого топливного цикла с реакторами на быстрых нейтронах

Usage of liquid metals in nuclear, thermonuclear engineering and other innovative technologies

S21

Rachkov, V.I.; Arnol'dov, M.N.; Efanov, A.D.; Kalyakin, S.G.; Kozlov, F.A.; Loginov, N.I.; Orlov, Yu.I.; Sorokin, A.P. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: sorokin@ippe.ru

Ispol'zovanie zhidkikh metallov v yadernoj, termoyadernoj ehnergetike i drugikh innovatsionnykh tekhnologiyakh

p. 20-30

(RU)

19 refs., 2 figs.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

FAST REACTORS; COOLANTS; LIQUID METALS; CHEMICAL PROPERTIES;
PHYSICAL PROPERTIES; COMPARATIVE EVALUATIONS; IMPURITIES;
PURIFICATION; ALKALI METALS; LEAD; BISMUTH; EUTECTICS; PROPULSION
REACTORS; ACCELERATORS; THERMONUCLEAR REACTORS

The physicochemical properties of liquid metal coolants (alkali metals, lead, bismuth and their eutectics) are described. These coolants are used in various nuclear power facilities, including that for submarines and spaceships. It is pointed out that lithium and its alloy with lead are perspective for using in thermonuclear power engineering where they may be not only coolants but also may be tritium breeding media. The practical experience of liquid metal coolants use in nuclear, thermonuclear power engineering and innovation technologies is under consideration

Рассмотрены физико-химические свойства жидкометаллических теплоносителей: щелочных металлов, свинца, висмута, их эвтектических сплавов. Они используются в различных ядерных энергетических установках, в том числе для атомных подводных лодок и космических кораблей. Отмечается, что литий и его сплав со свинцом являются перспективными для использования в термоядерной энергетике, где они могут быть не только теплоносителем, но и средой, воспроизводящей тритий. Обсуждается практический опыт использования жидкометаллических теплоносителей в ядерной, термоядерной энергетике и инновационных технологиях

Technology of high-temperature sodium coolant in nuclear power installations for hydrogen energetics

S21

Kozlov, F.A.; Sorokin, A.P.; Alekseev, V.V.; Kononov, M.A. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: sorokin@ippe.ru
Tekhnologiya vysokotemperaturnogo natrievogo teplonositelya v yadernykh ehnergeticheskikh ustanovkakh dlya vodorodnoj ehnergetiki

p. 31-39

(RU)

23 refs., 4 figs., 4 tabs.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

COOLANTS; SODIUM; NUCLEAR POWER PLANTS; HYDROGEN-BASED ECONOMY;
PURIFICATION; IMPURITIES; CESIUM; FUEL CANS

Using high-temperature nuclear power facilities (HT NPF) with sodium coolant for hydrogen production the intensity of hydrogen sources originated from the III circuit into the II one increases by 2-3 orders as compared to hydrogen sources on BN-600 NPP. The technology of sodium handling at hydrogen concentration equals tens of millions in minus first order in combination with hydrogen purification from sodium by its vacuum processing through vanadium or niobium membranes is suggested. This technology allows to develop compact high-temperature high-performance systems for sodium purification from hydrogen. The possibility of cesium entry into sodium through fuel cans of HT NPF is estimated using diffusion model. The conditions when cesium income through fuel can may be excluded is considered

При использовании высокотемпературных ядерных энергетических установок (ВТ ЯЭУ) с натриевым теплоносителем для получения водорода интенсивность источников водорода, поступающего из III контура во II, по сравнению с источниками водорода на АЭС с БН-600, возрастает на 2-3 порядка. Предложена технология обращения с натрием при концентрациях водорода десятки миллионов в минус первой степени в сочетании с очисткой водорода от натрия путем его вакуумирования через мембраны из ванадия или ниобия. Эта технология позволяет создать компактные высокотемпературные высокоэффективные системы очистки натрия от водорода. С использованием диффузионной модели оценена возможность поступления цезия в натрий через герметичную оболочку твэла ВТ ЯЭУ. Рассмотрены условия, при которых можно исключить поступление цезия в натрий через герметичную оболочку

Experimental studies of thermo-hydraulic processes during passive safety systems operation in new WWER NPP projects

S42

Morozov, A.V.; Remizov, O.V.; Kalyakin, D.S. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: morozovandrey.email@gmail.com

Ehksperimental'nye issledovaniya teplogidravlicheskih protsessov pri rabote passivnykh sistem bezopasnosti v novykh proektakh AEhS s VVEhR

p. 40-47

(RU)

10 refs., 9 figs.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

WWER TYPE REACTORS; THERMAL HYDRAULICS; REACTOR PROTECTION SYSTEMS; REACTOR CORES; BOILING; STEAM GENERATORS; HEAT EXCHANGERS; VAPOR CONDENSATION

The results of experimental study of thermal-hydraulic processes during operation of the passive safety systems of WWER reactors of new generation are given. The interaction processes of counter flows of saturated steam and cold water in vertical steam-line of the auxiliary passive core reflood system from secondary hydraulic accumulator are studied. The peculiarities of undeveloped boiling on single horizontal tube heating by steam and steam-gas mixture, which is character for WWER steam generator condensing mode, are investigated

Представлены результаты экспериментального исследования теплогидравлических процессов при работе пассивных систем безопасности реакторных установок ВВЭР нового поколения. Изучены процессы взаимодействия встречных потоков насыщенного пара и холодной воды в вертикальном паропроводе дополнительной системы пассивного залива активной зоны из гидроемкостей второй ступени. Исследованы особенности процесса неразвитого кипения жидкости на одиночной горизонтальной трубе, обогреваемой паром и парогазовой смесью, характерного для конденсационного режима работы парогенератора ВВЭР

Industrial technologies on the base of pulsed nuclear-optical converter S71;S42

Dyuzhov, Yu.A.; D'yachenko, P.P.; Kalyakina, O.N.; Kukharchuk, O.F.; Poletaev, E.D.; Smol'skij, V.N.; Suvorov, A.A.; Fokina, O.G. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: suvorov@ippe.ru

Promyshlennye tekhnologii na osnove yaderno-opticheskogo preobrazovatelya ehnergii impul'snogo dejstviya

p. 48-53

(RU)

22 refs., 4 figs.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

NUCLEAR PUMPING; LASERS; PULSED REACTORS; NEUTRON FLUX; LASER RADIATION; RADIOACTIVE WASTE PROCESSING; USES; ENERGY TRANSFER

The practical use of high-power lasers in various industrial technologies is under consideration. The problem of megawatt range high-power laser emitters development can be solved by means of direct transfer of nuclei energy into optical (laser) radiation energy in reactor-laser systems - nuclear-pumped lasers. The development of such systems make it possible to increase the efficiency of current laser technologies and extend their application area

Рассмотрено практическое применение мощных лазеров в различных промышленных технологиях. Решить проблему создания мощных лазерных излучателей мегаваттного диапазона возможно за счет прямого преобразования энергии ядер в энергию оптического (лазерного) излучения в реакторно-лазерных системах - лазерах с ядерной накачкой. Создание таких систем позволит повысить эффективность существующих лазерных технологий и расширить область их применения

Regularities of hydraulic nonuniformities formation on reactor installation header system outlet

S22

Gabrianovich, B.N.; Del'nov, V.N. (GNTs RF - Fiziko-Ehnergeticheskij Inst. im. A.I. Lejpunskogo, Obninsk (RU)), e-mail: delnov@ippe.ru

Zakonomernosti formirovaniya gidravlicheskich neravnomernostej na vykhode iz kollektornoj sistemy reaktornoj ustanovki

p. 54-59

(RU)

5 refs., 4 figs.

Теплоэнергетика

ISSN 0040-3636

TPLOA5

(May 2014)

(no.5)

REACTOR COOLING SYSTEMS; COOLANTS; HYDRODYNAMICS; FLUID FLOW; MATHEMATICAL MODELS; CORRELATIONS

The results of experimental study of header system (HS) flow path hydrodynamics on plane and cylindrical models are presented. The unknown earlier regularity of hydraulic nonuniformities formation on reactor installation HS outlet is found out: the position of maximum coolant rate on grid outlet coincide with maximum rate in core of jet falling on it, and maximum average coolant rate in grid holes is proportional to average coolant rate in falling jet. The semiempirical correlations for determination of coolant mass flow on HS outlet are obtained

Представлены результаты экспериментальных исследований гидродинамики проточных частей коллекторной системы (КС) на моделях плоской и цилиндрической формы. Обнаружена неизвестная ранее закономерность формирования гидравлических неравномерностей на выходе из КС: положение максимальной скорости теплоносителя на выходе из решетки совпадает с положением максимальной скорости в ядре падающей на нее струи, а максимальная средняя скорость теплоносителя в отверстиях решетки пропорциональна средней скорости теплоносителя в падающей струе. Получены полуэмпирические соотношения для определения распределения массового расхода теплоносителя на выходе из КС

Regulators and the competent authorities in the light of International conventions

S98

Andryushin, N.F.; Fomichev, V.D. (NTTs YaRB, Moscow (RU))

Reguliruyushchie i kompetentnye organy v svete mezhdunarodnykh konventsiy

р. 3-9

(RU)

11 refs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jan-Mar 2009)

(no.1)

**PHYSICAL PROTECTION; RADIATION PROTECTION; RADIATION SOURCES;
RADIOACTIVE MATERIALS; SECURITY VIOLATIONS; PHYSICAL PROTECTION
DEVICES**

One of the important problems of the existence and development of safe nuclear energy is physical protection. Besides the fact that the capture and illicit traffic of nuclear materials can bear danger of uncontrolled proliferation, and thereby pose a threat to human health and safety of society, they can also be used to make nuclear explosive devices. The understanding by the States the importance, severity and urgency of the problem has caused the creation of a number of international legal norms and rules

Одной из важных проблем безопасного существования и развития атомной энергетики является физическая защита. Помимо того, что захват и незаконный оборот ядерных материалов несут в себе опасность неконтролируемого распространения и тем самым представляют угрозу здоровью людей и безопасности общества, они могут быть также использованы для создания ядерных взрывных устройств. Осознание государствами глобальности, остроты и актуальности данной проблемы послужило причиной выработки целого ряда международных правовых актов

Eliminating the administrative constraints in the implementation of business, and nuclear energy safe utilization

S21

Supataeva, O.A. (Inst. Gosudarstva i Prava RAN, Moscow (RU))

Likvidatsiya administrativnykh ogranichenij pri osushchestvlenii predprinimatel'skoj deyatel'nosti i obespechenie bezopasnosti v oblasti ispol'zovaniya atomnoj ehnergii

p. 10-16

(RU)

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jan-Mar 2009)

(no.1)

NUCLEAR ENERGY; RADIATION PROTECTION; MANAGEMENT; ACCIDENT MANAGEMENT; SAFETY STANDARDS; SECTORAL ANALYSIS

Without solving the problem of the elimination of administrative barriers in the implementation of business, and providing safety in the nuclear energy utilization, it is impossible to form an adequate legislative basis of security harmonized with international law and common approaches used to regulate the safety of nuclear energy utilization in the developed countries

Без решения задачи ликвидации административных ограничений при осуществлении предпринимательской деятельности и обеспечения безопасности в области использования атомной энергии невозможно формирование надлежащей законодательной базы обеспечения безопасности, гармонизированной с нормами международного права и общими подходами, применяемыми для регулирования безопасности в области использования атомной энергии в развитых странах

Some aspects of nuclear and radiation safety regulation in France

S21

Slutsker, V.P.; Sharafutdinov, R.B. (NTTs YaRB, Moscow (RU))

Nekotorye aspekty regulirovaniya yadernoj i radiatsionnoj bezopasnosti vo Frantsii

p. 24-33

(RU)

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jan-Mar 2009)

(no.1)

FRANCE; NUCLEAR ENERGY; REGULATIONS; RADIATION PROTECTION; REACTOR SAFETY; RADIATION PROTECTION LAWS

Issues of the regulation of nuclear and radiation safety in France are highlighted in the paper

Авторы освещают вопросы регулирования ядерной и радиационной безопасности во Франции

Staff training for regulation authority

S21

Gordon, B.G. (NTTs YaRB, Moscow (RU))

Podgotovka personala dlya reguliruyushchego organa

p. 34-41

(RU)

5 refs., 2 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jan-Mar 2009)

(no.1)

NUCLEAR INDUSTRY; REGULATIONS; REGULATORY GUIDES; PERSONNEL;
TRAINING; EDUCATIONAL TOOLS

Issues and problems associated with the staff training for the state authority regulating the safe use of nuclear energy are highlighted in the article

В статье освещены вопросы и проблемы, связанные с подготовкой персонала для государственного органа регулирования безопасности при использовании атомной энергии

Nuclear regulation in the USA (main features and peculiarities)

S21;S96

Bukrinskij, A.M. (NTTs YaRB, Moscow (RU))

Atomnyj nadzor v SShA (osnovnye cherty i osobennosti)

p. 42-57

(RU)

18 refs., 5 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jan-Mar 2009)

(no.1)

USA; NUCLEAR INDUSTRY; US NRC; REGULATIONS; REACTOR SAFETY; ENERGY
MANAGEMENT

The article analyzes the activity of the US Nuclear Regulatory Commission (NRC), which is one of the most experienced, long and stable working state structures governing the safe use of nuclear energy in the US

В статье дается анализ Комиссии ядерного регулирования США, являющейся одной из наиболее опытных, давно и стабильно работающих государственных структур, регулирующих безопасное использование атомной энергии США

Key factors and safety assessment in the process of NRC reactor oversight

S21;S96

Bukrinskij, A.M. (NTTs YaRB, Moscow (RU))

Klyucheveye faktory bezopasnosti i ikh otsenka v protsesse reaktornogo nadzora NRC

p. 3-15

(RU)

7 refs., 9 figs.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Apr-Jun 2009)

(no.2)

USA; NUCLEAR INDUSTRY; US NRC; REGULATIONS; REACTOR SAFETY; ENERGY MANAGEMENT

A brief overview of activity and operations implemented by the US Nuclear Regulatory Commission (NRC)

В статье представлен краткий обзор основных черт и особенностей атомного надзора США, осуществляемого Комиссией по ядерному регулированию

About the transportation of WWER-type reactor spent nuclear fuel

S21

Kuryndin, A.V.; Stroganov, A.A.; Kuryndina, L.A. (NTTs YaRB, Moscow (RU))

O transportirovaniy otrabotavshogo yadernogo topliva reaktorov tipa VVEhR

p. 16-23

(RU)

4 refs., 2 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Apr-Jun 2009)

(no.2)

REACTORS; WWER TYPE REACTORS; LWGR TYPE REACTORS; SPENT FUELS; WASTE TRANSPORTATION; SPENT FUEL CASKS

An intensive transition of existing NPPs with WWER-type reactors to new types of nuclear fuel and, therefore, to new fuel cycles, can be observed. New fuel cycles increase the burnup of nuclear fuel, and it increases the cost-effectiveness of its utilization

В настоящее время имеет место интенсивный переход существующих энергоблоков АЭС с реакторами типа ВВЭР на новые виды ядерного топлива и, соответственно, новые топливные циклы, направленные на увеличение глубины выгорания ядерного топлива, что повышает экономическую эффективность его использования

Analysis of neutron flux-density impact on materials embrittlement in WWER-440(230) reactor facility

S21

Lomakin, S.S.; Dushkevich, V.M.; Nosorov, A.S.; Rubtsov, V.S. (NTTs YaRB, Moscow (RU))

Analiz vliyaniya velichiny plotnosti potokov nejtronov na okhrupchivanie materialov RU

VVEhR-440(230)

p. 24-28

(RU)

6 refs., 4 figs.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Apr-Jun 2009)

(no.2)

NUCLEAR POWER PLANTS; WWER TYPE REACTORS; FLUX DENSITY;
MECHANICAL PROPERTIES; EMBRITTLEMENT

The analysis of neutron flux-density impact on materials embrittlement in WWER-440(230) reactor facility has been presented in the article

В работе дан анализ влияния величины плотности потоков нейтронов на охрупчивание материалов в реакторной установке ВВЭР-440(230)

On improvement of state regulation of nuclear and radiation safety under condition of nuclear energy accelerated development

S21

Bezzubtsev, V.S. (Rostekhnadzor, Moscow (RU)); Sharafutdinov, R.B. (NTTs YaRB, Moscow (RU))

O sovershenstvovanii gosudarstvennogo regulirovaniya yadernoj i radiatsionnoj bezopasnosti v usloviyakh uskorenno razvitiya atomnoj ehnergetiki

p. 3-6

(RU)

10 refs.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jul-Sep 2009)

(no.3)

NUCLEAR ENERGY; REGULATIONS; MANAGEMENT; RADIATION PROTECTION;
ACCIDENT MANAGEMENT; SAFETY STANDARDS; SECTORAL ANALYSIS

Issues of in improvement of state regulation of nuclear and radiation safety under condition of nuclear energy accelerated development are discussed in the article

Вопросы совершенствования государственного регулирования ядерной и радиационной безопасности в условиях ускоренного развития атомной энергетики рассмотрены в данной статье

The improvement of NRC regulatory activity based on approaches focused on information about the risks and on the final result

S21

Bukrinskij, A.M. (NTTs YaRB, Moscow (RU))

Sovershenstvovanie reguliruyushchej deyatel'nosti NRC na osnove podkhodov, orientirovannykh na informatsiyu o riske i konechnyj rezul'tat

p. 7-14

(RU)

14 refs., 1 fig.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jul-Sep 2009)

(no.3)

USA; NUCLEAR INDUSTRY; US NRC; REGULATIONS; REACTOR SAFETY; ENERGY MANAGEMENT; RISK ASSESSMENT

Issues of the improvement of NRC regulatory activity, based on approaches focused on information about the risks and on the final result, are highlighted in the article

Вопросы совершенствования регулирующей деятельности NRC на основе подходов, ориентированных на информацию о риске и конечный результат, рассмотрены в статье

Determining the significance of the results of reactor sites inspections conducted by NRC personnel

S21

Bukrinskij, A.M. (NTTs YaRB, Moscow (RU))

Opređenje znachimosti rezul'tatov inspektsij, osushchestvlyaemykh personalom NRC, v protsesse reaktornogo nadzora

p. 15-23

(RU)

17 refs., 2 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jul-Sep 2009)

(no.3)

USA; NUCLEAR INDUSTRY; US NRC; REGULATIONS; ON-SITE INSPECTION; REACTOR SAFETY; ENERGY MANAGEMENT; RISK ASSESSMENT

Issues of determining the significance of the results of reactor facilities inspections conducted by NRC personnel are discussed in the article

Проблемы определения значимости результатов инспекций, осуществляемых персоналом NRC в процессе реакторного надзора, рассмотрены в статье

Investigation of some methodological features of Amber 4.4 software package application for the safety assessment of near-surface radioactive waste storages

S21

Ushanova, O.N.; Korzh, V.I.; Kuznetsov, L.A.; Mishagina, A.S. (NTTs YaRB, Moscow (RU))

Issledovanie nekotorykh metodicheskikh osobennostej primeneniya programmnoho kompleksa Amber 4.4 dlya otsenki bezopasnosti pri poverkhnostnykh khranilishch RAO

p. 24-37

(RU)

3 refs., 7 figs., 2 tabs.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jul-Sep 2009)

(no.3)

FUEL CYCLE; SAFETY ANALYSIS; RISK ASSESSMENT; WASTE MANAGEMENT;
RADIOACTIVE WASTE STORAGE

The authors present the results of the investigation of some methodological features of Amber 4.4 software package application for the safety assessment of near-surface radioactive waste storages

В статье представлены результаты исследования некоторых методических особенностей применения программного комплекса Amber 4.4 для оценки безопасности приповерхностных хранилищ РАО

World experience in using approaches for validation SNF safety guides for nuclear fuel burnup

S21

Anikin, A.Yu.; Kuryndin, A.V.; Kuryndina, L.A.; Stroganov, A.A. (NTTs YaRB, Moscow (RU))

Mirovoj opyt ispol'zovaniya podkhodov, uchityvayushchikh vygoranie yadernogo topliva pri obosnovanii yadernoj bezopasnosti obrashcheniya s OYaT

p. 38-43

(RU)

16 refs., 2 figs.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Jul-Sep 2009)

(no.3)

FUEL CYCLE; SAFETY; REGULATIONS; SAFETY STANDARDS; BURNUP; SPENT
FUELS

The article discusses the use of world experience in selecting approaches in nuclear fuel burnup in the process of validating the SNF nuclear safety guides

В статье рассмотрены вопросы использования мирового опыта при выборе подходов, учитывающих выгорание ядерного топлива при обосновании ядерной безопасности обращения с ОЯТ

Storage of spent ion exchange resins of low and medium level specific activity in NZK-type containers without the inclusion in the matrix

S12

Sorokin, V.T.; Demin, A.V.; Prokhorov, N.A.; Velikina, S.A (OAO Golovnoj Inst. VNIPIEhT, Sankt-Peterburg (RU)); Gataullin, R.M.; Medelyaev, I.A. (OAO 345 Mekhanicheskij Zavod, Balashikha (RU)); Peregudov, N.N. (TF OAO Kontsern Ehnergoatom, Moscow (RU)); Sharafutdinov, R.B. (NTTs YaRB, Moscow (RU))

Khranenie otrabotavshikh ionoobmennykh smol nizkogo i srednego urovnya udel'noj aktivnosti v kontejnerakh tipa NZK bez vklucheniya v matritsu

p. 19-22

(RU)

4 refs., 1 fig.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Oct-Dec 2009)

(no.4)

WASTE MANAGEMENT; SPENT FUELS; RESINS; ION EXCHANGE MATERIALS;
MATRIX MATERIALS; CASKS

Issues of storage of spent ion exchange resins of low and medium level specific activity in NZK-type containers without the inclusion in the matrix are discussed in the article

Вопросы хранения отработавших ионообменных смол низкого и среднего уровня удельной активности в защитных невозвратных контейнерах (НЗК) без включения в матрицу рассмотрены в статье

Basic aspects of solving the problem of errors and uncertainties

S99

Kovalevich, O.M. (NTTs YaRB, Moscow (RU)); Rummyantsev, A.N. (RNTs Kurchatovskij Inst., Moscow (RU))

Neobkhodimye aspekty resheniya problemy pogreshnostej i neopredelennostej

p. 26-33

(RU)

12 refs., 2 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Oct-Dec 2009)

(no.4)

MATHEMATICS; CALCULATION METHODS; ERRORS; MONTE CARLO METHOD;
SAFETY; DATA ANALYSIS

Basic aspects of solving the problem of errors and uncertainties in papers, proving the safety of nuclear facilities, are discussed in the article

В статье обсуждаются необходимые аспекты решения проблемы погрешностей и неопределенностей в материалах, обосновывающих безопасность объектов использования атомной энергии

Assessment of the state of physical protection system in frames of nuclear security supervision

S22

Petrovskij, N.P.; Pinchuk, G.N. (FBU NTtS YaRB, Moscow (RU)); Ivanov, M.V. (Rostekhnadzor, Moscow (RU))

Otsenka sostoyaniya sistemy fizicheskoy zashchity pri osushchestvlenii nadzora za obespecheniem fizicheskoy zashchity

p. 1-8

(RU)

14 refs., 2 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Oct-Dec 2014)

(no.4)

NUCLEAR POWER PLANTS; NUCLEAR FACILITIES; REACTOR SAFETY; REACTOR CONTROL SYSTEMS; PHYSICAL PROTECTION; RADIATION PROTECTION

The aspects of the physical protection systems state value in the frames of regulatory control and supervision of the nuclear security at nuclear sites are addressed. Various approaches and methodologies for the physical protection state value, special features and benefits of such state values in respect to the physical protection systems at sites with radioactive sources and at nuclear sites paying attention to features of the every type of sites and the regulatory requirements to these systems are considered

Обсуждаются вопросы оценки состояния систем физической защиты при осуществлении контроля и надзора за физической защитой объектов использования атомной энергии. Рассмотрены возможные подходы и методологии оценок состояния системы физической защиты, особенности и преимущества таких оценок в отношении систем физической защиты на радиационных объектах и на ядерных объектах с учетом особенностей каждого вида объектов и регулирующих требований к этим системам

The radiation exposure due to discharges of nuclear power plants spray ponds **S22**

Stroganov, A.A.; Kuryndin, A.V.; Shapovalov, A.S. (FBU NTtS YaRB, Moscow (RU))

O radiatsionnom vozdeystvii vybrosov bryzgal'nykh bassejnov atomnykh stantsij

p. 9-15

(RU)

17 refs., 4 figs., 1 tab.

Yadernaya i Radiatsionnaya Bezopasnost'

ISSN 2218-8665

(Oct-Dec 2014)

(no.4)

NUCLEAR POWER PLANTS; WWER TYPE REACTORS; RADIATION PROTECTION; REACTOR SAFETY; PHYSICAL PROTECTION

This paper presents the results of assessment of effective dose to the population outside WWER-1000/320 NPPs' fences due to emissions from their spray cooling ponds. The article also shows that the spray ponds as sources of radioactive discharges are liable to state registration and regulation in accordance with Russian legislation, and thus demonstrates the necessity of limitation their discharges by setting airborne discharge limits

Представлены результаты оценки годовых эффективных доз на население за пределами промплощадок от выбросов брызгальных бассейнов атомных станций с реакторными установками типа ВВЭР-1000 проекта В-320. Брызгальные бассейны, как источники радиоактивных выбросов, подлежат государственному учету и нормированию в соответствии с российским законодательством, и, тем самым, установлена необходимость ограничения их выбросов путем установления нормативов предельно допустимых выбросов

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

S42

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

(RU)

LEADING ABSTRACT; THERMAL HYDRAULICS; HEAT TRANSFER; MASS TRANSFER; FAST REACTORS; STEAM GENERATORS; COOLANTS; LIQUID METALS; PHYSICAL CHEMISTRY; USES

In the collection of research papers there are the results of the scientific school of SSC RF - IPPE Thermal and mass transfer, physical chemistry and technology of coolants in energy systems. These works make it possible to develop and justify projects of nuclear power plants (NPP) for different purpose, to increase efficiency and safety of NPP in work and projected NPP of new generation. The main lines of work are thermal-hydraulics of reactor core, steam generators and other equipment of fast reactors with liquid metal coolants, axisymmetric collector systems of nuclear reactors and heat exchangers; heat-and-mass transfer in accidents; development of WWER-SCP reactor and others. The systematization is made of investigation results of physicochemical processes, mass transfer simulation and development of technology of liquid metal coolants in NPPs. The possibility of obtained results application in non-nuclear technologies is considered

В сборнике представлены результаты научно-исследовательских работ научной школы ГНЦ РФ - ФЭИ Тепло- и массоперенос, физическая химия и технология теплоносителей в энергетических системах, которые позволили разработать и обосновать проекты ядерных энергетических установок (ЯЭУ) различного назначения, повысить эффективность и безопасность действующих и проектируемых ЯЭУ нового поколения. Основные направления работы: теплогидравлика активной зоны, парогенераторов и другого оборудования быстрых реакторов с жидкометаллическими теплоносителями, осесимметричных коллекторных систем ядерных реакторов и теплообменников; тепломассообмен в аварийных ситуациях; разработка реактора на сверхкритических параметрах воды ВВЭР-СКД и др. Систематизированы результаты исследований физико-химических процессов, моделирования массопереноса и разработки технологии жидкометаллических теплоносителей в ЯЭУ. Рассмотрена возможность использования полученных результатов в неядерных технологиях

SSC RF - IPPE scientific school Thermal and mass transfer, physical chemistry and technology of coolants in energy systems

S22

Efanov, A.D.; Kozlov, F.A.; Rachkov, V.I.; Sorokin, A.P.; Chernonog, B.L.

Nauchnaya shkola GNTs RF - FEhI Teplo- i massoperenos, fizicheskaya khimiya i tekhnologiya teploosutelej v ehnergeticheskikh sistemakh

p. 6-43

(RU)

30 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

COOLANTS; LIQUID METALS; MOLTEN SALTS; WATER; FAST REACTORS; HEAT TRANSFER; MASS TRANSFER; REACTOR COOLING SYSTEMS; NUCLEAR FACILITIES; HYDRODYNAMICS; COMPUTER CODES; DATA PROCESSING; HEAT PIPES; USES; PHYSICAL CHEMISTRY; TEST FACILITIES; IMPURITIES; PURIFICATION

The history of creation of scientific school (SS) Thermal and mass transfer, physical chemistry and technology of coolants in energy systems is considered. There are presented the main results of SS activity on coolant (liquid metals, water) heat- and mass transfer and hydrodynamics; physical chemistry and technology of liquid metal coolants for NPP of different purpose; code development; innovation projects; liquid metal non-nuclear technologies; heat pipes; systematization, analysis and integration of thermophysical data. The current and future thematic priorities of SS are discussed

Рассмотрена история создания научной школы (НШ) ГНЦ РФ - ФЭИ Тепло- и массоперенос, физическая химия и технология теплоносителей в энергетических системах. Приведены основные результаты деятельности НШ по тепло- и массопереносу и гидродинамике теплоносителей (жидкие металлы, вода); физической химии и технологии жидкометаллических теплоносителей для ЯЭУ различного назначения; разработке кодов; инновационным проектам; неядерным технологиям использования жидких металлов; тепловым трубам; систематизации, анализу и обобщению теплофизических данных. Обсуждаются основные направления работы НШ на современном этапе и в будущем

Coefficients of turbulent heat and pulse exchange in liquid flows with high level of turbulence

S42

Levchenko, Yu.D.

Koeffitsienty turbulentnogo obmena teplom i impul'som v potokakh zhidkosti s vysokim urovnem turbulentnosti

p. 44-49

(RU)

10 refs., 4 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

TURBULENCE; HEAT TRANSFER; PULSES; FLUID FLOW; FLOW RATE; THERMAL HYDRAULICS; COMPUTERIZED SIMULATION; GEOMETRY

For calculating characteristics of turbulent heat and pulse exchange the method is suggested which allows to use the measurement data of velocity pulsation in channels with complex geometry. In the method single-type characteristic of turbulent pulse exchange is used for inlet with unspecified geometry and for area with developed flow. The characteristics are necessary as closing dependences for numerical study of thermohydraulic processes in channels

Для расчета характеристик турбулентного обмена теплом и импульсом предложен метод, который позволяет использовать результаты измерений пульсаций скорости в каналах сложной геометрии. В этом методе для входного участка с произвольной геометрией входа и участка со стабилизированным течением рассматривается однотипная характеристика турбулентного обмена импульсом. Характеристики необходимы в качестве замыкающих зависимостей при проведении численного изучения теплогидравлических процессов в каналах

Hydraulic nonuniformities on outlet from axisymmetric header systems of NPP heat exchangers and reactors

S42

Gabrianovich, B.N.; Del'nov, V.N.

Gidravlicheskie neravnomernosti na vykhode iz osesimmetrichnykh kollektornykh sistem teploobmennikov i reaktorov YaEhU

p. 50-68

(RU)

35 refs., 8 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

REACTOR COOLING SYSTEMS; COOLANTS; HYDRODYNAMICS; FLUID FLOW;
MATHEMATICAL MODELS; CORRELATIONS

The results of experimental study of header system (HS) flow path hydrodynamics on plane and cylindrical models are presented. The unknown earlier regularity of hydraulic nonuniformities formation on reactor installation HS outlet is found out: the position of maximum coolant rate on grid outlet coincides with maximum rate in core of jet falling on it, and maximum average coolant rate in grid holes is proportional to average coolant rate in falling jet. The semiempirical correlations for determination of coolant mass flow on HS outlet are obtained

Представлены результаты экспериментальных исследований гидродинамики проточных частей коллекторной системы (КС) на моделях плоской и цилиндрической формы. Обнаружена неизвестная ранее закономерность формирования гидравлических неравномерностей на выходе из КС: положение максимальной скорости теплоносителя на выходе из решетки совпадает с положением максимальной скорости в ядре падающей на нее струи, а максимальная средняя скорость теплоносителя в отверстиях решетки пропорциональна средней скорости теплоносителя в падающей струе. Получены полуэмпирические соотношения для расчета массового расхода (скорости потока) теплоносителя на выходе из КС

Investigation in justification of innovation supercritical water-cooled reactor - WWER-SCP

S21

Kirillov, P.L.; Baranaev, Yu.D.; Bogoslovskaya, G.P.; Glebov, A.P.; Grabezhnaya, V.A.; Kartashov, K.V.; Klushin, A.V.; Popov, V.V.

Issledovaniya v obosnovanie innovatsionnogo vodookhlazhdaemogo reaktora na sverkhkriticheskikh parametrah teplonositelya - VVEhR-SKD

p. 69-91

(RU)

60 refs., 8 figs., 2 tabs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tehnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

FAST REACTORS; COOLANTS; WATER; HEAT TRANSFER; THERMODYNAMICS;
COMPUTER CODES; MASS TRANSFER; THERMAL HYDRAULICS; CORROSION; FUEL
ELEMENTS; FORECASTING

State-of-the-art, gathered experience and development prospects of water-cooled reactors of next generation are considered. It is pointed out that development of SCWR is more attractive from the viewpoint of the basis principle of infrastructure - NPP adaptation without excessive investments. The results of experimental and calculational study of reactor installations on supercritical parameters (SCP) of water and freon are given. Consideration is given to the data on heat transfer at SCP of coolant, optimization of thermodynamic cycle, codes for thermohydraulic calculations, processes of heat and mass transfer at SCP, mass transfer and corrosion in SCP water, fuel elements and materials

Рассмотрено современное состояние, накопленный опыт и перспективы развития водородных реакторов следующего поколения. Отмечается, что разработка ВВЭР-СКД наиболее привлекательна с позиций базового принципа инфраструктуры - адаптации АЭС без чрезмерных инвестиций. Приведены результаты экспериментальных и расчетных исследований реакторных установок на сверхкритических параметрах (СКП) воды и фреона. Обсуждаются базы данных по теплообмену при СКП теплоносителя, оптимизация термодинамического цикла, коды для теплогидравлических расчетов, процессы тепло- и массопереноса при СКП, массоперенос и коррозия в воде СКП, твэлы и материалы

Thermohydraulic investigation in justification of fast reactor core with liquid metal coolants

S42

Sorokin, A.P.; Efanov, A.D.; Zhukov, A.V.; Bogoslovskaya, G.P.; Kuzina, Yu.A.

Теплогидравлические исследования в обоснование активной зоны быстрых реакторов с жидкотеплоносителями

p. 92-124

(RU)

95 refs., 16 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Исследования в области тепловых физики ядерных энергетических установок (к 60-летию создания тепловых физики отдела ФЕИ). Научно-технический сборник

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

FAST REACTORS; LIQUID METALS; COOLANTS; THERMAL HYDRAULICS;
REACTOR CORES; COMPUTER CODES; MATHEMATICAL MODELS; NUMERICAL
SOLUTION; TEMPERATURE DISTRIBUTION; HEAT TRANSFER; POWER DENSITY;
REACTOR ACCIDENT SIMULATION

Thermohydraulic analysis of fast reactor (FR) cores is a component of the complex of interrelated problems on FR parameters justification. These problems concern reactor physics, thermal mechanics, failure theory and other components. Thermohydraulic analysis includes determination of temperature mode of core elements, hydraulic characteristics of fuel assemblies, their nominal and maximal capacitance. The present state of the art of problem-oriented, pilot and applied thermohydraulic studies of FR cores with liquid metal coolants (LMC) is under consideration. The experimental and calculating data on thermal hydraulics of LMC reactors gathered in the Institute for Physics and Power Engineering is analyzed and generalized when comparing different calculating procedures, problem solution techniques. The methods and codes of numerical simulation of thermohydraulic processes in LMC FR core are considered. The problems and aims of further investigations are formulated

Теплогидравлический анализ активной зоны быстрых реакторов (БР) является компонентой комплекса взаимосвязанных задач по обоснованию параметров БР, относящихся к физике реакторов, термомеханике, теории прочности и другим компонентам. Теплогидравлический анализ включает определение температурного режима элементов активной зоны, установление гидравлических характеристик тепловыделяющих сборок, их номинальной и предельной мощности. Обсуждается состояние проблемно-ориентированных, поисковых и прикладных теплогидравлических исследований активной зоны БР с жидкометаллическими теплоносителями (ЖМТ). Накопленный в ФЭИ экспериментальный и расчетный материал по теплогидравлике реакторов с ЖМТ анализируется и обобщается при сопоставлении различных расчетных методик, способов решения задач. Рассматриваются методы и коды численного моделирования теплогидравлических процессов в активной зоне БР с ЖМТ. Сформулированы проблемы и задачи дальнейших исследований

Generalization of data on heat transfer in the media of liquid metal coolants with regard to thermal resistance in wall zones

S42

Orlov, Yu.I.

Obobshchenie dannykh po teploobmenu v srede zhidkometallicheskih teponositelej s uchetom termicheskogo soprotivleniya v pristennykh zonakh

p. 125-160

(RU)

23 refs., 29 figs., 4 tabs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

LIQUID METALS; LEAD ALLOYS; BISMUTH ALLOYS; LITHIUM; COOLANTS; HEAT TRANSFER; FLUID FLOW; IMPURITIES; FLOW RATE; REACTOR CORES; FUEL ELEMENTS; SPACERS

Domestic and foreign experimental works on investigation of heat transfer to liquid metals (lead-bismuth, lithium) touching upon the problem of contact thermal resistance (CTR) are considered. It is shown that the main reason of CTR appearance is precipitation of suspended insoluble impurities from liquid metal flows on heat transfer surfaces. Heat transfer surface wetting, oxide films, formation of gas layers on wall-liquid boundary effect insignificantly. The value of CTR is determined chiefly by suspended impurities content in the flow, it depends on liquid metal flow rate and does not depend on heat flux direction and time. It is pointed out that on entrance regions of hydrodynamic stabilization and in channels with significant flow turbulence CTR does not appear even in the presence of suspended insoluble impurities in the flow; reactor core with wire wrapping is one of such regions

Рассмотрены отечественные и зарубежные экспериментальные работы по исследованию теплоотдачи к жидким металлам (свинец-висмут, литий), которые затрагивают вопрос контактного термического сопротивления (КТС). Показано, что основной причиной появления КТС является осаждение на поверхностях теплообмена взвешенных в потоках жидких металлов нерастворенных примесей. Смачивание поверхности теплообмена, оксидные пленки, образование газовых прослоек на границе стенка-жидкость незначительно влияют на КТС. Значение КТС определяется главным образом содержанием в потоке взвешенных примесей, зависит от скорости течения жидкого металла и не зависит от направления теплового потока и времени. Отмечается, что на входных участках гидродинамической стабилизации и в каналах со значительной турбулизацией потока КТС не появляется даже при наличии в потоке нерастворенных взвешенных примесей; к таким участкам относится и активная зона с дистанционированием с помощью навитых на твэл ребер

Experience of experimental justification of fast reactor NPP steam generators S22

Grabezhnaya, V.A.; Grachev, N.S.; Mikheev, A.S.

Опыт экспериментального обоснования парогенераторов АЕhС с реакторами на быстрых нейтронах

p. 161-187

(RU)

26 refs., 21 figs., 3 tabs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

FAST REACTORS; STEAM GENERATORS; HEAT TRANSFER; REACTOR COOLING SYSTEMS; BENCH-SCALE EXPERIMENTS; TESTING; THERMODYNAMICS; EQUILIBRIUM; FLUID FLOW; STABILITY

The SPRUT bench (SSC RF - IPPE) allows to test full-scale models of reactor facility steam generators (SG) with different liquid metal coolants (Na, Pb, Pb-Bi). On the bench for the first time the tests of the model of SG with sodium heating (1971), the Field channel with sodium heating (1973), the model of wound SG consisting from lead heating two three-tube moduli (2011) have been conducted. As the result of the tests the unique data on thermodynamic nonequilibrium and heat transfer in post-critical region of sodium-heating steam generating tube have been obtained; the boundaries of stable operation mode of Field channels have been determined; the absence of circulation reversal for one of possible variants of BREST-OD-300 reactor facility SG has been shown; the peculiarities of heat transfer at cross-flow of spaced heater bundle by heavy coolant have been revealed

Стенд СПРУТ (ГНЦ РФ - ФЭИ) позволяет проводить испытания полномасштабных моделей парогенераторов (ПГ) реакторных установок, использующих различные жидкометаллические теплоносители (Na, Pb, Pb-Bi). На стенде впервые была испытана модель ПГ с натриевым обогревом (1971 г.); канал Фильда, обогреваемый натрием (1973 г.); модель витого ПГ, состоящего из двух трехтрубных модулей, обогреваемого свинцом (2011 г.). В результате испытаний получены уникальные данные о термодинамической неравновесности и о теплообмене в закризисной зоне парогенерирующей трубы, обогреваемой натрием; определены границы устойчивых режимов эксплуатации каналов Фильда; показано отсутствие опрокидывания циркуляции для одного из возможных вариантов ПГ реакторной установки БРЕСТ-ОД-300; выявлены особенности теплообмена при поперечном обтекании тяжелым теплоносителем раздвинутого пучка теплообменных труб

Experimental and calculational investigation of heat-mass-transfer processes in LOCA-type accident situations

S42

Efanov, A.D.; Lozhkin, V.V.; Kulikov, B.I.; Sudnitsyn, O.A.; Fetisova, L.N.

Ehksperimental'no-raschetnoe issledovanie protsessov teplomassoobmena v avariynkhsituatsiyakh tipa LOCA

p. 188-198

(RU)

7 refs., 13 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

BENCH-SCALE EXPERIMENTS; WWER TYPE REACTORS; REACTOR ACCIDENT SIMULATION; HEAT TRANSFER; FUEL ASSEMBLIES; CORE FLOODING SYSTEMS; LOSS OF COOLANT; FLOW RATE; WATER; REWETTING; EFFICIENCY; THERMAL HYDRAULICS

The consideration is given to the results of investigations carried out on SVD-1 bench at bottom, top and combined reflooding after design-basis accident with guillotine rupture of cold circuit. Four types of 37-rod full-height-scale fuel assemblies of WWER-1000 have been investigated. For all types of flooding the heat transfer to water and steam-water mixture coming from bottom along with lower wetting front is the general cooling process. It is shown that the main factors acting on decrease of top flooding efficiency are exceedance of critical bubbling, flooding rates and local pressure increase in the area of upper wetting front limiting top water entry into heated region. It is pointed out that the most of the codes do not account these factors

Рассмотрены результаты исследований на стенде СВД-1 при повторном заливе снизу, сверху и комбинированном после максимальной проектной аварии с гильотинным разрывом холодного тракта, на четырех типах 37-стержневых полномасштабных по высоте моделях ТВС ВВЭР-1000. При всех схемах залива основным процессом охлаждения остается теплоотдача к воде и пароводяной смеси, поступающей снизу вместе с продвижением нижнего фронта смачивания. Показано, что основными факторами, влияющими на снижение эффективности залива сверху, является превышение критических скоростей барботажа, захлебывания и локальное повышение давления в зоне верхнего фронта смачивания, ограничивающее поступление воды сверху в разогретую зону. Отмечается, что в большинстве расчетных кодов не заложен учет этих факторов

Experimental study of thermohydraulic processes in justification of passive systems operability of WWER NPP

S42

Kalyakin, S.G.; Morozov, A.V.; Remizov, O.V.

Ehksperimental'noe issledovanie teplogidravlicheskih protsessov v obosnovanie rabotosposobnosti passivnykh system AEhS c VVEhR

p. 199-223

(RU)

17 refs., 20 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

ENGINEERED SAFETY SYSTEMS; WWER TYPE REACTORS; THERMAL HYDRAULICS; REACTOR SAFETY; HEAT EXCHANGERS; FLUID FLOW; BOILING; HEAT TRANSFER; FILTRATION

The operation of passive safety systems is based on the use of gravitation, natural circulation processes, compressed gases energy. The passive systems ensure shutdown, reactor shutdown cooling and continuous after-heat removal. The results of investigations of thermohydraulic processes, during which the operability of WWER NPP passive safety systems have been justified, are considered. The processes are blowdown of subcooled liquid into opposing steam flow at GE-2 system starting-up, undeveloped boiling of subcooled liquid on horizontal tubes under condensation operation of WWER steam generator, heat transfer in air-air heat exchanger of WWER passive filtration system

Работа пассивных систем безопасности основана на использовании силы тяжести, процессов естественной циркуляции, энергии сжатых газов. Пассивные системы обеспечивают останов, расхолаживание реактора и длительный отвод остаточного тепла. Рассмотрены результаты исследований теплогидравлических процессов, в ходе которых была обоснована работоспособность пассивных систем безопасности новых АЭС с реакторами ВВЭР. Это процессы истечения недогретой жидкости во встречный поток пара при запуске системы ГЕ-2, неразвитого кипения недогретой жидкости на горизонтальных трубах при конденсационном режиме работы парогенератора ВВЭР, теплоотдачи в теплообменнике воздух-воздух пассивной системы фильтрации ВВЭР

Sodium cleanup system of fast reactor NPP (retrospectively - prospective outlook)

S21

Kozlov, F.A.; Sorokin, A.P.

Sistemy ochistki natriya AEhS s reaktorami na bystrykh nejtronakh (retrospektivno - perspektivnyj vzglyad)

p. 224-248

(RU)

16 refs., 8 figs., 7 tabs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tehnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

FAST REACTORS; COOLANTS; SODIUM; COOLANT CLEANUP SYSTEMS; PURIFICATION; TRAPS; IMPURITIES; ADSORBENTS

When reasoned the coolant cleanup system of perspective fast reactor NPPs the traditional methods of coolant purification (cold traps, sorbents for cesium) as well as possibility to use hot traps for sodium purification from oxygen have been analyzed. It is shown that cold trap must be a mandatory element of cleanup system built in tank; hot traps can provide sodium coolant purification from oxygen during NPP nominal condition. Recommendations on further lines of

work for improving cold traps characteristics are given, and further lines of work for hot traps parameters optimization are considered

При обосновании системы очистки перспективных АЭС с реакторами на быстрых нейтронах проанализированы как традиционные методы очистки теплоносителя (холодные ловушки, сорбенты для очистки от цезия), так и возможности использования очистки натрия от кислорода горячими ловушками. Показано, что холодная ловушка должна быть обязательным элементом системы очистки, встроенной в бак; горячие ловушки могут обеспечить очистку натриевого теплоносителя от кислорода при работе АЭС в номинальном режиме. Даны рекомендации по основным направлениям работы по улучшению характеристик холодных ловушек, и рассмотрены направления работ по оптимизации параметров горячих ловушек

Analysis of current status of the works on heavy liquid metal (Pb, Pb-Bi) coolants technology

S21

Martynov, P.N.; Orlov, Yu.I.; Askhadullin, R.Sh.; Storozhenko, A.N.; Ul'yanov, V.V.; Fomin, A.S.
Analiz sovremennogo sostoyaniya rabot po tekhnologii tyazhelykh zhidkometallicheskih teplonositelej (Pb, Pb-Bi)

p. 249-258

(RU)

14 refs., 5 figs., 1 tab.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

COOLANTS; LIQUID METALS; LEAD; LEAD ALLOYS; BISMUTH ALLOYS; COOLANT CLEANUP SYSTEMS; PURIFICATION; FILTRATION; OXYGEN POTENTIAL; IMPURITIES; COVER GAS; FAST REACTORS

The current strategy on heavy liquid metal coolants (HLMC) technology is under consideration. The HLMC technology must provide: HLMC preparation and its loading; control and regulation of HLMC oxygen potential; purification of HLMC from hydrogen and circulation circuit surfaces from PbO-based slags; HLMC filtration; cover gas purification from HLMC aerosols

Рассмотрен современный комплекс мер по технологии тяжелых жидкометаллических теплоносителей (ТЖМТ), который должен обеспечивать: подготовку ТЖМТ и его загрузку; контроль и регулирование кислородного потенциала ТЖМТ; водородную очистку ТЖМТ и поверхностей циркуляционного контура от шлаков на основе PbO; фильтрацию ТЖМТ; очистку защитного газа от аэрозолей ТЖМТ

Investigations of IPPE thermophysicists in the field of space nuclear power facilities

S42

Arnol'dov, M.N.; Kozlov, F.A.

Issledovaniya teplofizikov FEhI v oblasti kosmicheskikh yadernykh ehnergeticheskikh ustanovok

p. 259-273

(RU)

6 refs., 8 figs., 1 tab.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tehnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

COOLANTS; LITHIUM; SODIUM ALLOYS; POTASSIUM ALLOYS; SPACE POWER REACTORS; SAFETY; EQUIPMENT; PHYSICAL CHEMISTRY; REACTOR CORES

The history of space nuclear power facilities development in IPPE is considered. The main attention is paid to coolant choice; development of demonstration high-temperature lithium benches, acquisition of equipment and safe working methods; working out of physicochemical fundamentals of core coolants use, their technology, study of coolant physicochemical properties

Рассмотрена история создания космических ядерных энергетических установок в ФЭИ. Основное внимание обращается на выбор теплоносителя; создание демонстрационных высокотемпературных литиевых стэндов, освоение оборудования и безопасных методов работы; разработку физико-химических основ применения теплоносителей, охлаждающих активную зону реактора, их технологию, изучение физико-химических свойств теплоносителей

Mass transfer of stainless steel corrosion products in sodium

S42

Alekseev, V.V.; Kozlov, F.A.; Sorokin, A.P.

Massoperenos produktov korrozii nerzhaveyushchej stali v natrii

p. 274-299

(RU)

25 refs., 14 figs., 6 tabs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection
Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik
ISBN 978-5-906512-51-2

Obninsk (RU)
GNTs RF - FEhI
2014

365 p.

STAINLESS STEELS; CORROSION; COOLANTS; SODIUM; LIQUID METALS; OXYGEN; HYDROGEN; IMPURITIES; MATHEMATICAL MODELS; BELOYARSK-3 REACTOR; PRIMARY COOLANT CIRCUITS; DEPOSITS

Mass transfer of stainless steel corrosion products (CP) in sodium coolant circuits in the absence of chemical interaction of impurities in sodium as well as in the case of interaction of steel components with oxygen and hydrogen is investigated. The mathematical models of CP mass transfer in pure sodium and in that with increased oxygen content are elaborated. The values of constants using in description of the processes under consideration are refined in experiments. The integral model of CP mass transfer applied to non-isothermal circulation sodium circuit is developed. Calculated data on steel components transfer in BN-600 primary coolant circuit are obtained. Parametric calculations for the model taking into account the deposit formation on the channel surface are conducted. Distribution of CP flow density on walls along the channel length are obtained

Исследован массоперенос продуктов коррозии стали (ПК) в контурах с натриевым теплоносителем как при отсутствии химического взаимодействия примесей в натрии, так и в случае взаимодействия компонентов стали с кислородом и водородом. Разработаны математические модели массопереноса ПК для переноса в чистом натрии и в натрии с повышенным содержанием кислорода. Экспериментально уточнены значения констант, используемых в описании рассматриваемых процессов. Разработана интегральная модель массопереноса ПК применительно к неизотермическому циркуляционному натриевому контуру. Получены расчетные данные по переносу компонентов стали в первом контуре БН-600. Проведены параметрические расчеты для модели, учитывающей образование отложений на поверхности канала. Получено распределение плотности потока ПК на стенке по длине канала

Study of lyophobic capillary-porous systems and development of energy devices on their base

S21

Portyanoj, A.G.; Serdun', E.N.; Sorokin, A.P.; Denisova, N.A.; Portyanoj, G.A.

Izuchenie svojstv liofobnykh kapillyarno-poristykh sistem i razrabotka ehnergeticheskikh ustrojstv na ikh osnove

p. 300-308

(RU)

23 refs., 4 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the

establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection
Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tehnicheskij sbornik
ISBN 978-5-906512-51-2

Obninsk (RU)
GNTs RF - FEhI
2014

365 p.

ENERGY FACILITIES; CAPILLARY FLOW; POROSITY; SURFACE TENSION;
COOLANTS; MATHEMATICAL MODELS; DILATOMETRY; THERMAL EXPANSION;
COMPRESSIBILITY; TEMPERATURE DEPENDENCE; USES; FAST REACTORS;
REACTOR SAFETY; REACTOR SHUTDOWN

Thermophysical properties of lyophobic capillary-porous systems (LCPS) and peculiarities of their thermodynamics are considered. It is shown that LCPS have some characteristics differ from their component ones, in other words they have pronounced synergetic effect. The unique LCPS properties provide the prospectiveness of development of new energy facilities of various functionality, first of all of temperature and pressure protection devices. The calculational and experimental justification of characteristics of fast reactor passive shutdown systems, pulsation damper and liquid pressure compensators is conducted

Рассмотрены теплофизические свойства лиофобных капиллярно-пористых систем (ЛКПС) и особенности их термодинамики. Показано, что ЛКПС обладают рядом характеристик, отличающихся от их компонент, то есть имеют ярко выраженный синергический эффект. Уникальные свойства ЛКПС обуславливают перспективность разработки нового типа энергетических устройств различного функционального назначения, в первую очередь защитных по уровням температуры и давления. Проведено расчетно-экспериментальное обоснование характеристик пассивных устройств останова быстрых реакторов, демпферов пульсаций и компенсаторов давления жидкости

Developments of heat pipes for new industry technologies

S22

Aksenov, Yu.V.; Loginov, N.I.; Mikheev, A.S.

Razrabotki teplovykh trub dlya novykh promyshlennykh tekhnologij

p. 309-317

(RU)

10 refs., 7 figs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tehnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)
GNTs RF - FEhI

2014

365 p.

HEAT PIPES; FAST REACTORS; REACTOR SAFETY; REACTOR PROTECTION SYSTEMS; PHYSICAL PROPERTIES; USES

The history of development of devices using the heat pipes principle in IPPE since 1967 is reviewed. The physical and technological basics of heat pipes are created. Tens of devices for different branches of industry working in the range from cryogenic temperature up to 1500 deg C are developed. The consideration is given to the use of heat pipes in atomic industry including the development of passive safety systems

Рассмотрена история разработок в ФЭИ с 1967 г. устройств, работающих на принципе тепловой трубы. Созданы физические и технологические основы тепловых труб. Разработаны десятки устройств для разных отраслей промышленности, работающих в диапазоне температур от криогенных до 1500 град С. Рассмотрено применение тепловых труб в атомной энергетике, в том числе и для создания пассивных систем безопасности

Technologies of non-nuclear application of heavy liquid metal coolants for production of synthesis gas, hydrogen, nanomaterials and other

S37

Martynov, P.N.; Askhadullin, R.Sh.; Mel'nikov, V.P.; Storozhenko, A.N.; Ul'yanov, V.V.; Koshelev, M.M.

Tekhnologiya neyadernogo primeneniya tyazhelykh zhidkometallicheskich teplonositelej dlya polucheniya sintez-gaza, vodoroda, nanomaterialov i dr.

p. 318-330

(RU)

10 refs., 9 figs., 1 tab.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

HEAT PIPES; LEAD; LEAD ALLOYS; BISMUTH ALLOYS; HEAT TRANSFER; ALUMINIUM HYDROXIDES; NANOSTRUCTURES; SEAWATER; DESALINATION; SYNTHESIS GAS; STEAM GENERATION; PETROCHEMISTRY; CHEMICAL REACTIONS; CHEMICAL REACTION YIELD; HYDROGEN; COOLANTS

The use of heavy liquid metal coolants (Pb, Pb-Bi) in technologies for hydrogen isolation, synthesis gas, nanostructured aluminium hydroxide production, oil deep conversion, seawater desalination, etc. is considered. In the technologies Pb and Pb-Bi melts can be used as for heat transfer and as reversible chemical reagents

Рассмотрено использование тяжелых жидкометаллических (Pb, Pb-Bi) теплоносителей в технологиях для выделения водорода, генерации синтез-газа, получения наноструктурированного гидроксида алюминия, глубокой переработки нефти, опреснения морской воды и др. В данных технологиях расплавы Pb и Pb-Bi могут использоваться как для передачи тепла, так и в качестве обратимых химических реагентов

Thermal hydraulics of lead-bismuth target of 0.6 MW target complex

S42

Levchenko, Yu.D.; Orlov, Yu.I.; Sorokin, A.P.; Efanov, A.D.; Sorokin, A.P.; Ivanov, E.F.; Bogoslovskaya, G.P.; Denisova, N.A.

Теплогидравлика свинцово-висмутовой мишени мишенного комплекса мощностью 0,6 МВт
p. 331-365

(RU)

11 refs., 29 figs., 4 tabs.

Vereshchagina, T.N.; Sorokin, A.P. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Research of thermal physics of nuclear power plants (for the 60-th anniversary of the establishment of the Thermophysical Division of the Institute for Physics and Power Engineering). Scientific and technical collection

Issledovaniya v oblasti teplofiziki yadernykh ehnergeticheskikh ustanovok (k 60-letiyu sozdaniya teplofizicheskogo otdela FEhI). Nauchno-tekhnicheskij sbornik

ISBN 978-5-906512-51-2

Obninsk (RU)

GNTs RF - FEhI

2014

365 p.

TARGETS; NUCLEAR FACILITIES; SAFETY; LIQUID METALS; NEUTRON FLUX; HYDRODYNAMICS; SIMULATION; BENCHMARKS; THERMAL HYDRAULICS; FLOW RATE; MEMBRANES; DISTRIBUTION; EQUIPMENT

The experimental results of the work on the project of target complex - demonstration installation for justification of subcritical accelerator-control system with liquid metal target are given. The investigation program consisted of determination of target pressure drop along the flow path length from suction to outlet nozzles and dependence of injection losses on distance between separating membrane and shaped grid; development of technical design report on coolant flow azimuthal distribution balancing near separating membrane; generation of coolant flow rate profiles in volume energy release zone; investigation of intensity and velocity pulsation spectra near separating membrane

Представлены экспериментальные результаты работ по проекту мишенного комплекса - демонстрационной установки, предназначенной для обоснования конструкции подкритической ускорительно-управляемой системы с жидкометаллической мишенью. В программу исследований входило определение гидравлического сопротивления мишени на длине проточной части от входного до выходного патрубков и зависимости гидравлических потерь от расстояния между разделительной мембраной и профилирующей решеткой; разработка технического предложения по выравниванию азимутального распределения расходов теплоносителя в районе распределительной мембраны; получение профилей скорости потока теплоносителя в зоне объемного

энерговыделения; исследование интенсивности и спектра пульсаций скорости в районе разделительной мембраны

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

S42

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Теплофизика реакторов на быстрых нейтронах (Теплофизика-2014)

Nauchno-tehnicheskaya konferentsiya Теплофизика реакторов на быстрых нейтронах (Теплофизика-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

(RU)

LEADING ABSTRACT; MEETINGS; FAST REACTORS; REACTOR CORES; FUEL ELEMENTS; COOLANTS; LIQUID METALS; WATER; HEAT TRANSFER; THERMAL HYDRAULICS; COMPUTER CODES; COMPUTERIZED SIMULATION; MATHEMATICAL MODELS; VERIFICATION; STAINLESS STEELS; USES

In the book of abstracts there are the materials of investigations related with scientific and technical justification of new generation fast reactors with different liquid metal coolants. Consideration is given to the thermophysical problems in the field of hydrodynamics and heat transfer in flow path and components of reactor installations; thermophysical properties and physicochemical processes in the systems liquid metal - structural material - inert gas; development and verification of thermophysical calculating codes, numerical simulation of thermophysical processes in nuclear power installations. Considerable attention is paid to liquid metal coolant technologies. The use of fast reactors for non-power applications and liquid metal coolants in non-nuclear technologies is discussed

В сборнике представлены материалы исследований, связанных с научно-техническим обоснованием быстрых реакторов нового поколения с различными жидкометаллическими теплоносителями. Рассмотрены теплофизические проблемы в области гидродинамики и теплообмена в проточной части и узлах оборудования реакторных установок; теплофизические свойства и физико-химические процессы в системах жидкий металл - конструкционные материалы - инертный газ; разработки и верификации теплофизических расчетных кодов, численного моделирования теплофизических процессов в ядерных энергетических установках. Большое внимание уделяется технологиям жидкометаллических теплоносителей. Обсуждается использование быстрых реакторов для неэнергетических применений и жидкометаллических теплоносителей в неядерных технологиях

Alternative strategies of nuclear industry development in XXI century

S29

Goverdovskij, A.A.; Kalyakin, S.G.; Rachkov, V.I. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Alternativnye strategii razvitiya yadernoj ehnergetiki v XXI veke

p. 10-11

(RU)

9 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

NUCLEAR POWER PLANTS; NUCLEAR ENERGY; RISK ASSESSMENT; COST; FUEL CYCLE; RADIOACTIVE WASTE DISPOSAL; FAST REACTORS; COMPARATIVE EVALUATIONS; SAFETY

Contemporary problems of prospect sodium fast reactors research and development

S21

Poplavskij, V.M.; Bagdasarov, Yu.E. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Aktual'nye problemy NIOKR perspektivnykh bystrykh natrievykh reaktorov

p. 12-15

(RU)

4 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; SODIUM; COOLANTS; LIQUID METALS; REACTOR COOLING SYSTEMS; CONTROL SYSTEMS; CHEMICAL REACTIONS; ACOUSTIC MEASUREMENTS

Lead fast reactor (BREST)

S21

Dragunov, Yu.G.; Lemekhov, V.V.; Moiseev, A.V.; Smirnov, V.S. (OAO NIKIEhT, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Reaktor na bystrykh nejtronakh so svintsovyim teplonositelem (BREST)

p. 16-19

(RU)

2 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; COOLANTS; LIQUID METALS; LEAD; REACTOR CORES; REACTOR EXPERIMENTAL FACILITIES; COMPUTERIZED SIMULATION; COMPUTER CODES; VERIFICATION

Nuclear power facilities of direct conversion of heat to electricity. State, problems, prospects

S21;S30

Yarygin, V.I. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Yadernye ehnergeticheskie ustanovki pryamogo preobrazovaniya teploty v ehlektrichestvo.

Sostoyanie, problemy, perspektivy

p. 20-22

(RU)

4 refs., 1 fig., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)
Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts
Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov
ISBN 978-5-906512-52-9
Obninsk (RU)
FGUP GNTs RF - FEhI
2014
220 p.
POWER REACTORS; DIRECT ENERGY CONVERSION; DIRECT ENERGY CONVERTERS; COMPARATIVE EVALUATIONS; HEAT; ELECTRICITY

Main results of thermophysical investigations of the Institute of nuclear reactors and thermal physics in solving of scientific and technical problems of fast reactors development

S21

Kukharchuk, O.F.; Sorokin, A.P.; Trufanov, A.A.; Chernonog, V.L. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Osnovnye rezul'taty teplofizicheskikh issledovanij IYaRiT po resheniyu nauchno-tehnicheskikh zadach razvitiya bystrykh reaktorov

p. 23-27

(RU)

1 ref., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; EFFICIENCY; SAFETY; REACTOR CONTROL SYSTEMS; LIQUID METALS; COOLANTS; REACTOR START-UP; MOLTEN SALTS; WATER; THERMAL HYDRAULICS; KNOWLEDGE PRESERVATION

Hazardous modes of heat transfer of future nuclear industry coolants

S42

Genin, L.G.; Sviridov, V.G. (Natsional'nyj Issledovatel'skij Univ. MEhI, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Opasnye rezhimy teploobmena teplonositelej perspektivnoj yadernoj ehnergetiki

p. 28-29

(RU)

6 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; MOLTEN SALTS; LIQUID METALS; TOKAMAK DEVICES; THERMAL HYDRAULICS; HEAT TRANSFER; MASS TRANSFER; FLUID FLOW

60 years to thermal physics school of SSC RF - IPPE

S42

Vereshchagina, T.N. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Shkole teplofiziki GNTs RF-FEhI 60 let

p. 30-31

(RU)

4 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

BREEDER REACTORS; COOLANTS; LIQUID METALS; THERMAL HYDRAULICS; BENCHMARKS; PHYSICAL CHEMISTRY; KNOWLEDGE PRESERVATION; DATA PROCESSING; LABORATORIES

Physical chemistry and technology of alkali liquid metal coolants

S42;S37

Arnol'dov, M.N.; Kozlov, F.A.; Sorokin, A.P. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Fizicheskaya khimiya i tekhnologiya shchelochnykh zhidkometallicheskih teplonositelej p. 32-35

(RU)

27 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; LIQUID METALS; PHYSICAL CHEMISTRY; PURIFICATION; IMPURITIES; ACCIDENTS; THERMAL HYDRAULICS; HEAT TRANSFER; MASS TRANSFER; SAFETY

Experimental investigations of steam generators models of liquid metal cooled reactor installations in SSC RF - IPPE**S22**

Grabezhnaya, V.A.; Grachev, N.S.; Mikheev, A.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ehksperimental'nye issledovaniya modelej parogeneratorov reaktornykh ustanovok s zhidkometallicheskim okhlazhdeniem v GNTs RF-FEhI

p. 36-38

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

STEAM GENERATORS; BENCHMARKS; COOLANTS; LIQUID METALS; HEAT TRANSFER; FAST REACTORS; THERMAL HYDRAULICS

Liquid metal coolants in technologies of direct-contact processing of wide-class liquids (salt solutions, hydrocarbons, industrial wastes, etc.)

S42

Ul'yanov, V.V.; Martynov, P.N.; Askhadullin, R.Sh.; Storozhenko, A.N.; Gulevskij, V.A.; Teplyakov, Yu.A.; Fomin, A.S.; Kharchuk, S.E.; Koshelev, M.M.; Taranin, A.M. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Zhidkometallicheskie teplonositeli v tekhnologiyakh pryamokontaktnoj pererabotki shirokogo klassa zhidkostej (solevykh rastvorov, uglevodorodov, otkhodov proizvodstva i dr.)

p. 39-41

(RU)

6 refs., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; HEAT TRANSFER; MASS TRANSFER; HEAT EXCHANGERS; USES; AQUEOUS SOLUTIONS; DESALINATION; EVAPORATION

Some tasks of experimental investigations of liquid metal coolant flows for CFD-calculating codes verification

S42

Pribaturin, N.A.; Lezhnin, S.I.; Glavnyj, V.G. (Inst. Teplofiziki SO RAN, Novosibirsk (RU); Inst. Problem Bezopasnogo Razvitiya Atomnoj Ehnergetiki, Novosibirskij Filial, Novosibirsk (RU)); Kashinskij, O.N.; Lobanov, P.D.; Berdnikov, V.S.; Meledin, V.G. (Inst. Teplofiziki SO RAN, Novosibirsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Nekotorye zadachi ehksperimental'nykh issledovanij techenij ZhMT dlya verifikatsii CFD-raschetnykh kodov

p. 42-43

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; COOLANTS; THERMAL HYDRAULICS; FLUID FLOW; PRANDTL NUMBER; SIMULATION; HEAT TRANSFER; COMPUTER CODES; VERIFICATION; BENCHMARKS; ULTRASONIC TESTING

Evolution of mathematical model and design analysis of fast reactors beyond-the-design basis severe accidents

S21

Kashcheev, M.V.; Ashurko, Yu.M. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Razvitie matematicheskoy modeli i raschetnyj analiz tyazhelykh zaproektnykh avarij v reaktorakh na bystrykh nejtronakh

p. 44-45

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; MATHEMATICAL MODELS; HEAT TRANSFER; B CODES; VERIFICATION; COMPARATIVE EVALUATIONS; REACTOR CORE DISRUPTION

Analysis and classification of main events observable at the stage of fast reactor severe accident

S21

Zhdanov, V.S.; Usov, E.V. (Novosibirskij Filial Inst. Problem Bezopasnogo Razvitiya Atomnoj Ehnergetiki, Novosibirsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Analiz i klassifikatsiya osnovnykh sobytij, nablyudaemykh na eh tape tyazheloj avarii v bystrom reaktore

p. 46-48

(RU)

1 ref., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; REACTOR ACCIDENTS; SODIUM; COOLANTS; HEAT TRANSFER; REACTOR CORE DISRUPTION; WATER; HYDRODYNAMICS; COMPARATIVE EVALUATIONS; COMPUTERIZED SIMULATION

Experimental investigation of temperature fields and coolant motion structure on the V-200 fast reactor model in primary circuit elements in going to natural-circulation cooldown

S42

Opanasenko, A.N.; Sorokin, A.P.; Zaryugin, D.G.; Kosarev, S.A.; Korovin, S.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ehksperimental'nye issledovaniya polej temperatury i struktury dvizheniya teplonositelya na modeli bystrogo reaktora V-200 v ehlementakh pervogo kontura pri perekhode k raskholazhivaniyu estestvennoj tsirkulyatsiej

p. 49-51

(RU)

5 refs., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; COOLANTS; PRIMARY COOLANT CIRCUITS; BENCHMARKS;
COMPUTER CODES; VERIFICATION; THERMAL HYDRAULICS; TEMPERATURE
GRADIENTS; FLUID FLOW; REACTOR ACCIDENTS

Experimental investigations of sodium boiling in simulated fuel assembly of fast reactor

S22

Khafizov, R.R.; Sorokin, A.P.; Ivanov, E.F.; Privezentsev, V.V.; Kumskoj, V.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ehksperimental'nye issledovaniya kipeniya natriya v model'noj TVS bystrogo reaktora

p. 52-54

(RU)

4 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; COOLANTS; SODIUM; BOILING; REACTOR CORES; COMPUTER
CODES; VERIFICATION; REACTOR COOLING SYSTEMS; BENCHMARKS; FUEL
ASSEMBLIES; SIMULATION; HEAT TRANSFER; FLUID FLOW

Investigation of heat transfer of liquid metal flow in rectangular channel in respect to reactor blanket - TOKAMAK

S70

Genin, L.G.; Poddubnyj, I.I.; Sviridov, V.G. (Natsional'nyj Issledovatel'skij Univ. MEhI, Moscow (RU)); Razuvanov, N.G.

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Issledovanie teploobmena zhidkogo metalla pri techenii v pryamougol'nom kanale primenitel'no k blanketu reaktora - TOKAMAK

p. 55

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

TOKAMAK TYPE REACTORS; BENCHMARKS; LIQUID METALS;

MAGNETOHYDRODYNAMICS; HEAT TRANSFER; HYDRODYNAMICS;

COMPUTERIZED SIMULATION; FLUID FLOW; REACTOR CHANNELS

Mechanisms of the initial stage of BN reactors fuel assembly elements degradation

S21

Zagorul'ko, Yu.I.; Kashcheev, M.V.; Ganichev, N.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Mekhanizmy nachal'noj stadii degradatsii tvehlov teplovydelyayushchikh sborok reaktorov BN

p. 56-57

(RU)

2 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FUEL ELEMENTS; FAST REACTORS; TEMPERATURE DISTRIBUTION; BURNOUT;

FUEL CANS; THERMAL DEGRADATION; THERMAL STRESSES; MECHANICAL

PROPERTIES; PRESSURE RANGE MEGA PA 01-10

On possible mechanisms of thermal interaction of corium with sodium in fuel

assembly

S22

Zagorul'ko, Yu.I.; Ganichev, N.S.; Kashcheev, M.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

O vozmozhnykh mekhanizmaxh termicheskogo vzaimodejstviya koriuma s natriem v teplovydelyayushchej sborke

p. 58-59

(RU)

5 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FUEL ASSEMBLIES; FAST REACTORS; MATHEMATICAL MODELS; CORIUM; SODIUM; LIQUID METALS; CHEMICAL REACTIONS; MICROSTRUCTURE; REACTION KINETICS

Heat-and-mass transfer during flow over rod-bundle-type structures in approximation of porous body model

S42

Korsun, A.S.; Kruglov, V.B.; Merinov, I.G.; Fedoseev, V.N.; Kharitonov, V.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Teplomassoperenos pri obtekanii struktur tipa puchkov sterzhnej v priblizhenii modeli poristogo tela

p. 60-62

(RU)

12 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

HEAT TRANSFER; MASS TRANSFER; POROUS MATERIALS; MATHEMATICAL MODELS; RODS; TURBULENT FLOW; COOLANTS

Acoustic vibrations as information source on vortex structure of flows

S22

Pozdeeva, I.G.; Mitrofanova, O.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Akusticheskie kolebaniya kak istochnik informatsii o vikhrevoj strukture potokov

p. 63-65

(RU)

4 refs., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

NUCLEAR FACILITIES; ACOUSTIC MONITORING; VORTEX FLOW; RESONANCE; SOUND WAVES; INFORMATION

Simulation of vortex and magnetic fields in three-dimensional Hartmann's flows for flowmeters optimization

S46

Mitrofanova, O.V.; Podzorov, G.D. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Modelirovanie vikhrevogo i magnitnogo polej v trekhmernykh techeniyakh Gartmana dlya optimizatsii raskhodomernykh ustrojstv

p. 66-68

(RU)

1 ref., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)
Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts
Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov
ISBN 978-5-906512-52-9
Obninsk (RU)
FGUP GNTs RF - FEhI
2014
220 p.
FLOWMETERS; HARTMANN NUMBER; A CODES; COMPUTERIZED SIMULATION; MAGNETIC FIELDS; VORTEX FLOW; NUCLEAR POWER PLANTS; LIQUID METALS; COOLANTS

Investigation of vortex formation process in electroconducting liquid

S42

Mitrofanova, O.V.; Zakaryan, K.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Issledovanie protsessa vikhreobrazovaniya v ehlektroprovodnoj zhidkosti

p. 69-71

(RU)

3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

VORTEX FLOW; MAGNETIC FIELDS; ELECTROLYTES; AQUEOUS SOLUTIONS; ELECTRIC POTENTIAL; ELECTRODES; HEAT TRANSFER; TEMPERATURE DISTRIBUTION

Vibroacoustic dynamics of heterogeneous media and constructions of nuclear power facilities

S42

Fedotovskij, V.S.; Lunina, S.V.; Ivanova, E.A.; Mikhajlova, T.A.; Nikulina, A.N. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)
Vibroakusticheskaya dinamika geterogennykh sred i konstruksij YaEhU
p. 72
(RU)
Sorokin, A.P.; Trufanov, A.A. (eds.)
Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)
Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book
of abstracts
Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh
(Teplofizika-2014). Tezisy dokladov
ISBN 978-5-906512-52-9
Obninsk (RU)
FGUP GNTs RF - FEhI
2014
220 p.
NUCLEAR POWER PLANTS; DISPERSIONS; MECHANICAL VIBRATIONS; RODS;
COOLANTS; FUEL ELEMENTS; HYDRODYNAMIC MASS EFFECT;
HYDRODYNAMICS; RESONANCE

Solution of the initial heating up of circulation circuit of nuclear power facility with liquid metal coolant

S22

*Yur'ev, Yu.S.; Solov'ev, A.G. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I.
Lejpunskogo, Obninsk (RU)); Avdeev, E.F.; Chusov, I.A. (NIYaU MIFI (IATEh), Obninsk (RU))*
Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Reshenie zadachi o nachal'nom progreve kontura tsirkulyatsii YaEhU s zhidkometallicheskim
teplonositelem

p. 73-74

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book
of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh
(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; LIQUID METALS; PRIMARY COOLANT CIRCUITS; HEATING;
MATHEMATICAL MODELS

Methodological aspects of experimental investigation of hydrodynamic

parameters of reactor facility flow paths

S42

Gabrianovich, B.N.; Del'nov, V.N. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Metodologicheskie aspekty ehksperimental'nogo issledovaniya gidrodinamicheskikh parametrov protochnykh chastej reaktornykh ustanovok

p. 75-77

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

HYDRODYNAMICS; REACTOR CHANNELS; DENSITY; REYNOLDS NUMBER; MIXING; COOLANTS; FLOW RATE; REACTOR CORES; MASS TRANSFER; SPECIFIC HEAT; HEAT TRANSFER; BENCHMARKS

Comparison of temperature fields and heat transfer in free-packed clusters (s/d=1.33) of smooth fuel elements and fuels elements with different spacing (coolant - liquid metal)

S42

Zhukov, A.V.; Kuzina, Yu.A.; Privezentsev, V.V.; Sorokin, A.P.; Glushakov, D.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Sravnenie temperaturnykh polej i teplootdachi v razdvinytykh reshetkakh (s/d=1,33) gladkikh tvehlov i tvehlov s razlichnym distantsionirovaniem (teplonositel' - zhidkij metall)

p. 78-79

(RU)

3 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FUEL ASSEMBLIES; HEAT TRANSFER; TEMPERATURE DISTRIBUTION; LIQUID METALS; COOLANTS; HYDRODYNAMICS; NUSSELT NUMBER; SPACERS

Assessment of accuracy of average temperature control of coolant leaving nuclear reactor core according to sensor readings in exit area and temperature recovery at accuracy deficiency

S42

Golub, E.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Otsenka tochnosti kontrolya srednej temperatury teplonositelya na vykhode iz aktivnoj zony yadernogo reaktora po pokazaniyam datchikov v vykhodnom sechenii i vosstanovlenie temperatury pri nedostatke tochnosti

p. 80-81

(RU)

4 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; REACTOR CORE DISRUPTION; TEMPERATURE CONTROL; ACCURACY; THERMOCOUPLES; REACTOR CONTROL SYSTEMS; ERRORS

Recalculation (using CPCTFA) of temperatures in the most energy-intensive fuel element packed in SVBR-100 regular core lattice

S22

Lozhkin, S.N. (FBU NTTs YaRB, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Poverochnyj (s ispol'zovaniem CPCTFA) raschet temperatur v naibolee ehnergonapryazhennom tvehle, upakovannom v reguljarnuyu reshetku v aktivnoj zone SVBR-100

p. 82-84

(RU)

3 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

REACTOR CORES; TEMPERATURE DISTRIBUTION; C CODES; THERMAL HYDRAULICS; RELIABILITY; COMPARATIVE EVALUATIONS; REACTOR LATTICES; FUEL ELEMENTS; COMPUTER CALCULATIONS; POWER DENSITY

Investigation of heat transfer in transverse flow-past of heater bundle by heavy coolant

S42

Parfenov, A.S.; Grabezhnaya, V.A.; Mikheev, A.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Issledovaniya teploobmena pri poperechnom obtekanii tyazhelym teplonositelem puchka teploobmennykh trub

p. 85-86

(RU)

6 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; STEAM GENERATORS; BENCHMARKS; LIQUID METALS; COOLANTS; HEAT TRANSFER; FLUID FLOW

Experimental investigations of tribotechnical characteristics of contact pairs in

heavy liquid metal medium

S36

Beznosov, A.V.; Bokova, T.A.; Makhov, K.A.; Prikazchikov, G.S.; Shumilkov, A.I. (NGTU im. R.E. Alekseeva, Nizhnij Novgorod (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ehksperimental'nye issledovaniya tribotekhnicheskikh kharakteristik kontaknykh par v srede TZhMT

p. 87-88

(RU)

3 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

TRIBOLOGY; WETTABILITY; LIQUID METALS; COOLANTS; OXYGEN; IMPURITIES; STEEL-CR18NI10TI; SURFACES; DEPOSITS; HYDRODYNAMICS; ROUGHNESS; MICROHARDNESS

Measurement results of pressure drop of lead oxide granular layer in the flow of lead-bismuth coolant

S42

Askhadullin, R.Sh.; Legkikh, A.Yu.; Simakov, A.A.; Gavrikov, E.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Rezultaty izmereniya gidravlicheskogo soprotivleniya zernistogo sloya oksida svintsa v potoke svintsovo-vismutovogo teplonositelya

p. 89

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LEAD ALLOYS; BISMUTH ALLOYS; COOLANTS; LEAD OXIDES; PRESSURE DROP; OXYGEN; IMPURITIES; MASS TRANSFER; GRANULAR MATERIALS; BENCHMARKS; SOLUBILITY; THERMAL HYDRAULICS

Thermohydraulic characteristics of heavy liquid metal flow at transverse flow-past of tubes

S42

Beznosov, A.V.; Yarmonov, M.V.; Zudin, A.D.; Chernysh, A.S.; Novozhilova, O.O. (NGTU im. R.E. Alekseeva, Nizhnij Novgorod (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Teplogidravlicheskie kharakteristiki potoka TZhMT pri poperechnom obtekanii trub

p. 90-91

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

THERMAL HYDRAULICS; LIQUID METALS; COOLANTS; LEAD ALLOYS; BISMUTH ALLOYS; LEAD; HEAT TRANSFER; TEMPERATURE RANGE 0400-1000 K; FLUID FLOW; FLOW RATE; THERMODYNAMIC ACTIVITY; OXYGEN; BENCHMARKS; TUBES

Development of procedure of core fuel assembly spatial cell-by-cell calculation conjugated with CFD

S22

Volkov, V.Yu.; Golibrodo, L.A.; Krutikov, A.A.; Nadinskij, Yu.N.; Nikolaeva, A.V.; Skibin, A.P. (OAO OKB GIDROPRESS, Podol'sk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Razrabotka metodiki prostranstvennogo poyacheistogo rascheta TVS aktivnoj zony, sopryazhennogo s CFD

p. 92

(RU)

1 ref.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

REACTOR CORES; HYDRAULICS; COMPUTER CALCULATIONS; FLOW MODELS; BISMUTH ALLOYS; LEAD ALLOYS; FUEL ASSEMBLIES; FLUID FLOW

Combined 3D/1D simulation of once-through steam generators with single-phase heating medium by the example of RBEhT's nuclear power unit steam generator S42

Sedov, A.A.; Frolov, A.A. (NITs Kurchatovskij Inst., Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Kombinirovannoe 3D/1D modelirovanie pryamotochnykh parogeneratorov s odnofaznoj greyushchej sredoj na primere parogeneratora yadernoj ehnergeticheskoy ustanovki RBETs p. 93-94

(RU)

1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

STEAM GENERATORS; COMPUTERIZED SIMULATION; LEAD ALLOYS; MAGNESIUM ALLOYS; COOLANTS; FLOW MODELS; HEAT TRANSFER; COOLING SYSTEMS; EUTECTICS

Development of generalized criterion of area boundary of density waves oscillations in parallel channels with steam superheat S42

Kornienko, Yu.N. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Razrabotka obobshchennogo kriteriya granitsy oblasti kolebanij voln plotnosti v parallel'nykh kanalakh s peregrevom para

p. 95

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

HEAT TRANSFER; OSCILLATIONS; THERMAL HYDRAULICS; FLOW MODELS; MATHEMATICAL MODELS; INSTABILITY; DISTRIBUTION FUNCTIONS

Integration of module for calculation of coolant boil-off in channels into HYDRA-IBRAE/LM/V1 thermohydraulic code of new generation

S42

Butov, A.A.; Usov, Eh.V.; Dugarov, G.A.; Pribaturin, N.A.; Lezhnin, S.I. (Novosibirskij Filial Inst. Problem Bezopasnogo Razvitiya Atomnoj Ehnergetiki, Novosibirsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Vnedrenie v teplogidravlicheskiy kod novogo pokoleniya HYDRA-IBRAE/LM/V1 modulya dlya rascheta vzryvnogo vskipaniya teplonositelya v kanalakh

p. 96-97

(RU)

2 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

Simulation of melting and movement of fuel can of fast reactor by SOKRAT-BN code

S22

Vozhakov, I.S.; Zhdanov, V.S.; Usov, Eh.V. (Novosibirskij Filial Inst. Problem Bezopasnogo Razvitiya Atomnoj Ehnergetiki, Novosibirsk (RU)); Kiselev, A.E.; Chalyj, R.V. (Inst. Problem Bezopasnogo Razvitiya Atomnoj Ehnergetiki, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Modelirovanie plavljeniya i peremeshcheniya obolochki TVEhL bystrogo reaktora kodom SOKRAT-BN

p. 98-100

(RU)

5 refs., 4 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; FUEL CANS; MELTING; MATHEMATICAL MODELS; S CODES;
VERIFICATION

Application of CFD-simulation for justification of BN units hydrogen safety

S22

Kruglikov, Yu.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Primenenie CFD-modelirovaniya dlya obosnovaniya vodorodnoj bezopasnosti blokov BN
p. 101-103

(RU)

7 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov
ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; SAFETY; HYDROGEN; REACTOR ACCIDENT SIMULATION;
CONCENTRATION RATIO; COMPUTERIZED SIMULATION

Simulation of reactor installation hydrodynamics at geometric distortion of model

S42

Avdeev, E.F.; Chusov, I.A.; Slobodchuk, V.I. (NIYaU MIFI, Moscow (RU)); Yur'ev, Yu.S.; Levchenko, Yu.D. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Modelirovanie gidrodinamiki reaktornoj ustanovki pri geometricheskom iskazhenii modeli
p. 104-106

(RU)

4 refs., 2 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

REACTOR CHANNELS; GEOMETRY; SIMULATION; HYDRODYNAMICS;
HYDRAULICS; REACTOR COOLING SYSTEMS

Development of test analytic solutions of three-dimensional problems of heat and mass transfer using reversed problems solution

S42

Yur'ev, Yu.S.; Vitushkina, N.M. (NIYaU MIFI (IATEh), Obninsk (RU)); Avdeev, E.F.; Chusov, I.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Razrabotka testovykh analiticheskikh reshenij trekhmernykh zadach teplomassoperenosa s

pomoshch'yu analiza obrashchennykh zadach

p. 107

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

HEAT TRANSFER; MASS TRANSFER; ANALYTICAL SOLUTION; THERMODYNAMIC PROPERTIES; COMPUTER CODES; VERIFICATION

Analysis of temperature fields and certain peculiarities of heat transfer in fuel assemblies of different types

S42

Makarov, S.V.; Baj, V.F. (Kaliniskaya AEhS, Udomlya (RU)); Avdeev, E.F.; Chusov, I.A.; Shelegov, A.S.; Leskin, S.T. (NIYaU MIFI (IATEh), Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Analiz temperaturnykh polej i nekotorye osobennosti teploobmena v TVS razlichnykh tipov

p. 108-109

(RU)

1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FUEL ASSEMBLIES; HEAT TRANSFER; THERMAL HYDRAULICS; SUPERCRITICAL STATE; COOLANTS; TEMPERATURE CONTROL; REACTOR CHANNELS; REACTOR CORES; KALININ-1 REACTOR; ACCURACY; ERRORS

On developing Reference book on properties of materials for advanced reactor

technologies

S36

Bobkov, V.P.; Blokhin, A.I.; Zabud'ko, L.M.; Rumyantsev, V.N.; Solov'ev, V.A.; Tarasikov, V.P. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

O sozdanii Spravochnika po svojstvam materialov dlya perspektivnykh reaktornykh tekhnologij p. 110-111

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; COOLANTS; LIQUID METALS; REACTOR MATERIALS; NEUTRON ABSORBERS; STAINLESS STEELS; GASES; PHYSICAL PROPERTIES; CHEMICAL PROPERTIES; IRRADIATION; MECHANICAL PROPERTIES; DIRECTORIES

Investigation of S1 lead heat conductivity by pulse method within 350-1000 deg C temperature range

S36

Kruglov, A.B.; Kruglov, V.B.; Struchalin, P.G.; Kharitonov, V.S. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Issledovanie teploprovodnosti svintsa S1 impul'snym metodom v diapazone temperatur 350-1000 grad C

p. 112-113

(RU)

3 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LEAD; THERMAL CONDUCTIVITY; TEMPERATURE RANGE 0400-1000 K;
COOLANTS; IMPURITIES; PULSE TECHNIQUES; LASER RADIATION; LIQUID
METALS; ERRORS; ACCURACY; COMPARATIVE EVALUATIONS

**Liquid uranium: density isobar, melting line, critical temperature assessment
S36**

Fokin, L.R. (Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Zhidkij uran: izobara plotnosti, liniya plavljeniya, otsenka kriticheskoj temperatury

p. 114-115

(RU)

10 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book
of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh
(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

URANIUM; LIQUID METALS; DENSITY; ISOBAR MODEL; THERMODYNAMIC
PROPERTIES; MELTING; PHASE DIAGRAMS; THERMAL EXPANSION;
TEMPERATURE RANGE OVER 4000 K; TEMPERATURE RANGE 1000-4000 K; PULSE
TECHNIQUES; ELECTRIC HEATING; CRITICAL TEMPERATURE

**On relation of structural and thermodynamic properties of liquid metals
S36**

*Osipov, A.A.; Ivanov, K.D. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I.
Lejpunskogo, Obninsk (RU))*

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

O svyazyakh strukturnykh i termodinamicheskikh svoystv zhidkikh metallov

p. 116

(RU)

5 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book

of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; THERMODYNAMIC ACTIVITY; OXYGEN; TEMPERATURE
DEPENDENCE; MICROSTRUCTURE; THERMODYNAMIC PROPERTIES

Review of data on solubility of individual substances in liquid metal coolants

S36

Varseev, E.V.; Alekseev, V.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Obzor dannykh po rastvorimostyam individual'nykh veshchestv v zhidkometallicheskih
teplonositelyakh

p. 117-118

(RU)

9 refs., 1 fig., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book
of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh
(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; LIQUID METALS; SOLUBILITY; OXYGEN; HYDROGEN; TRANSITION
ELEMENT COMPOUNDS; TEMPERATURE RANGE 0400-1000 K; TEMPERATURE
RANGE 1000-4000 K; MASS TRANSFER; VISCOSITY; DENSITY; DIFFUSION;
ACCURACY; COMPARATIVE EVALUATIONS

On oxygen forms in liquid metals

S36

*Osipov, A.A.; Niyazov, S.A-S.; Ivanov, K.D.; Lavrova, O.V. (FGUP GNTs RF - Fiziko-
Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))*

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

O formakh sushchestvovaniya kisloroda v zhidkikh metallakh

p. 119

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; OXYGEN; COOLANTS; CONCENTRATION RATIO; CORROSION; CHEMICAL STATE; THERMODYNAMIC ACTIVITY

Estimation of steel metal components yield intensity during liquid metal corrosion

S36

Niyazov, S.-A.S.; Ivanov, K.D.; Lavrova, O.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Otsenka intensivnosti vykhoda metallicheskih komponentov stalej pri protekanii protsessov zhidkometallicheskoj korrozii

p. 120-121

(RU)

2 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

CORROSION; STAINLESS STEELS; MASS TRANSFER; TEMPERATURE RANGE 0400-1000 K; CHEMICAL REACTION KINETICS; LIQUID METALS; COOLANTS

Investigation of work function variation during argon-ions-irradiated stainless steel annealing

S36

Visheratin, R.K.; Rukhlyada, N.Ya. (NIYaU MIFI (IATEh), Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Issledovanie izmeneniya raboty vykhoda v protsesse otzhiga nerzhaveyushchej stali, obluchennoj ionami argona

p. 122-123

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

STEEL-CR18NI10TI; ARGON IONS; ETCHING; X-RAY DIFFRACTION; X-RAY PHOTOELECTRON SPECTROSCOPY; WORK FUNCTIONS; OXYGEN COMPOUNDS; CARBON COMPOUNDS; RADIATION EFFECTS; CONCENTRATION RATIO; MANGANESE COMPOUNDS; HEATING

Thermodynamic analysis of interactions in Na-O-H melts

S37

Krasin, V.P.; Soyustova, S.I. (FGBOU VPO MGIU, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Termodinamicheskij analiz vzaimodejstvij v rasplavakh Na-O-H

p. 124-126

(RU)

3 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

STEAM GENERATORS; SODIUM; COOLANTS; LIQUID METALS; CHEMICAL REACTIONS; HYDROGEN COMPOUNDS; OXYGEN COMPOUNDS; COORDINATION NUMBER; CONCENTRATION RATIO; SOLUTIONS; THERMODYNAMIC PROPERTIES; TEMPERATURE DEPENDENCE

Thermodynamic simulation of the processes occurring in the molten Wood's alloy - vapor system

S36

Barbin, N.M.; Tikina, I.V.; Terent'ev, D.I.; Alekseev, S.G. (Ural'skij Gosudarstvennyj Agrarnyj Univ., Ekaterinburg (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Termodinamicheskoe modelirovanie protsessov, proiskhodyashchikh v sisteme rasplavlennyy splav Vuda - par

p. 127-128

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

WOOD METAL; LIQUID METALS; THERMODYNAMICS; SIMULATION; THERMAL EQUILIBRIUM; CONCENTRATION RATIO; TEMPERATURE RANGE 0400-1000 K; TEMPERATURE RANGE 1000-4000 K; VAPOR PRESSURE; PARTIAL PRESSURE

Corrosion resistance of V-4Ti-4Cr alloy in convection flow of Na-K eutectic alloy

S36

Vertkov, A.V.; Zharkov, M.Yu.; Potapova, A.E.; Semenov, V.V. (OAO Krasnaya Zvezda, Moscow (RU)); Krasin, V.P.; Soyustova, S.I. (FGBOU VPO Moskovskij Gosudarstvennyj Industrial'nyj Univ., Moscow (RU)); Lyublinskij, I.E. (OAO Krasnaya Zvezda, Moscow (RU)); NIYaU Moskovskij Inzhenerno-Fizicheskij Inst., Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Korroziionnaya stojkost' splava V-4Ti-4Cr v konveksionnom potoke ehvtekticheskogo splava Na-K

p. 129-131

(RU)

5 refs., 4 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

VANADIUM ALLOYS; TITANIUM ALLOYS; CHROMIUM ALLOYS; SODIUM ALLOYS; POTASSIUM ALLOYS; EUTECTICS; CORROSION; CORROSION RESISTANCE; TEMPERATURE RANGE 0400-1000 K; OXYGEN COMPOUNDS; CONCENTRATION RATIO; DISTRIBUTION FUNCTIONS; MICROHARDNESS; CHEMICAL REACTION KINETICS

Effects of polarization and electronic conductivity of ZrO₂-based ion conductors

S36

Osipov, A.A.; Ivanov, K.D.; Sadovnichij, R.P.; Shelemet'ev, V.M. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ehffekty polyarizatsii i ehlektronnoj provodimosti ionnykh provodnikov na osnove ZrO₂
p. 132

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

ZIRCONIUM OXIDES; IONIC CONDUCTIVITY; POLARIZATION; CERAMICS; SOLID ELECTROLYTES; SURFACES; DEPOSITS; OXYGEN; THERMODYNAMIC ACTIVITY; SENSORS; LIQUID METALS; GASES

Redox processes as the base of potentiometric techniques of nuclear reactor facilities coolants state control

S37

Pityk, A.V.; Arnol'dov, M.N. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Okislitel'no-vosstanovitel'nye protsessy kak osnova potentsiometricheskikh metodov kontrolya sostoyaniya teplonositelej YaEhU

p. 133-135

(RU)

6 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; STAINLESS STEELS; CORROSION; REDOX REACTIONS; REDOX POTENTIAL; ELECTRODES; WATER; LIQUID METALS; IMPURITIES; CONCENTRATION RATIO

Analysis and justification of multicomponent fluoride solvents of fuel compositions of molten salt fast reactors

S37

Naumov, V.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Analiz i obosnovanie sostavov mnogokomponentnykh ftoridnykh rastvoritelej toplivnykh kompozitsij zhidkosolevykh reaktorov na bystrykh nejtronakh

p. 136-138

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; MOLTEN SALTS; COOLANTS; FLUORIDES; ALKALI METAL COMPOUNDS; MELTING; PHASE DIAGRAMS; CHEMICAL COMPOSITION; CONCENTRATION RATIO; THERMAL ANALYSIS; EUTECTICS; MELTING POINTS; SOLVENTS

Thermal and thermophysical properties of salt melts for nuclear industry needs S37

Naumov, V.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Termicheskie i teplofizicheskie svojstva solevykh rasplavov dlya nyzhd yadernoj ehnergetiki
p. 139-141

(RU)

10 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

MOLTEN SALTS; HALIDES; COOLANTS; NUCLEAR FUELS; MELTING; MELTING POINTS; PHASE DIAGRAMS; EUTECTICS; HEAT TRANSFER; THERMAL HYDRAULICS; THERMAL CONDUCTIVITY; SPECIFIC HEAT; CHEMICAL COMPOSITION

Thermodynamic analysis of oxygen and carbon behaviour under conditions of non-isothermal sodium circuit

S37

Zagorul'ko, Yu.I.; Kovalev, Yu.P.; Vorob'eva, T.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Termodinamicheskij analiz povedeniya kisloroda i ugleroda v usloviyakh neizotermicheskogo natrievogo kontura

p. 142

(RU)

1 ref.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; SODIUM; COOLANTS; STAINLESS STEELS; IMPURITIES; CONCENTRATION RATIO; OXYGEN COMPOUNDS; CARBON COMPOUNDS; REACTOR COOLING SYSTEMS; CHEMICAL REACTION KINETICS; THERMODYNAMICS

Peculiarities of oxygen thermodynamic activity in liquid metal coolants by electrochemical oxygen sensor

S37

Musikhin, Yu.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Osobennosti kontrolya termodinamicheskoy aktivnosti kisloroda v zhidkometallicheskih teplonositelyakh ehlektrokhimicheskim datchikom kisloroda

p. 143-145

(RU)

7 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

OXYGEN COMPOUNDS; THERMODYNAMIC ACTIVITY; LIQUID METALS; COOLANTS; THIN FILMS; CONCENTRATION RATIO; ELECTROMOTIVE FORCE; IONIC CONDUCTIVITY; SENSORS; DEPOSITS; POLARIZATION; REACTOR CHANNELS

Calculations of impurities mass transfer in cold traps with sodium cooling

S42

Alekseev, V.V.; Kozlov, F.A.; Sorokin, A.P.; Varseev, E.V.; Kumaev, V.Ya.; Kondrat'ev, A.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Raschety massoperenosa primesej v kholodnykh lovushkakh s natrievym okhlazhdeniem
p. 146

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

MASS TRANSFER; IMPURITIES; REACTOR COOLING SYSTEMS; COLD TRAPS;
SODIUM; DISTRIBUTION FUNCTIONS; THERMAL HYDRAULICS; COMPUTER CODES

Results of numerical simulation of heat and mass transfer in cold trap model

S42

Varseev, E.V.; Konovalov, M.A.; Alekseev, V.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Rezul'taty chislennogo modelirovaniya teplomassoobmena v makete kholodnoj lovushki
p. 147-148

(RU)

5 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COLD TRAPS; SODIUM; COOLANTS; FAST REACTORS; HEAT TRANSFER; MASS TRANSFER; MATHEMATICAL MODELS; COMPUTERIZED SIMULATION; COMPUTER CODES; THERMAL HYDRAULICS

Test results of granulated high-temperature getter material for sodium purification from solved oxygen

S36

Voronin, I.A.; Papovyants, A.K.; Skomorokhova, S.N.; Poplavskij, D.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Rezul'taty ispytanij granulirovannogo vysokotemperaturnogo getternogo materiala dlya ochistki natriya ot rastvorennogo kisloroda

p. 149-151

(RU)

1 ref., 1 fig., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

SODIUM; COOLANTS; PURIFICATION; GETTERING; TEMPERATURE RANGE 0400-1000 K; OXYGEN COMPOUNDS; ZIRCONIUM IODIDES; ZIRCONIUM; TITANIUM; TITANIUM ALLOYS; ZIRCONIUM ALLOYS; GRANULAR MATERIALS; BENCHMARKS; CONCENTRATION RATIO; COMPARATIVE EVALUATIONS; TIME DEPENDENCE

Hydrogen separation from gaseous phase above sodium

S36

Orlova, E.A.; Sorokin, A.P.; Kryuchkov, E.A.; Fedosova, M.A.; Zagrebaev, S.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Separatsiya vodoroda iz gazovoj fazy nad natriem

p. 152-154

(RU)

3 refs., 2 figs., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

SODIUM; FAST REACTORS; HYDROGEN; HYDROGEN PRODUCTION; ADSORPTION; ZIRCONIUM; PURIFICATION; ZIRCONIUM HYDRIDES; ZIRCONIUM OXIDES; SURFACES; EQUILIBRIUM; ZIRCONIUM ALLOYS; GASES; MICROSTRUCTURE

Mass transfer and steel corrosion in sodium under high hydrogen concentration S36

Alekseev, V.V.; Sorokin, A.P.; Varseev, E.V.; Orlova, E.A.; Kondrat'ev, A.S.; Torbenkova, I.Yu. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Massoperenos i korrozija stali v natrii pri vysokikh kontsentratsiyakh vodoroda

p. 155-156

(RU)

3 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

SODIUM; COOLANTS; HYDROGEN; STAINLESS STEELS; CORROSION; MASS TRANSFER; CONCENTRATION RATIO; TEMPERATURE RANGE; TEMPERATURE RANGE 0400-1000 K; BENCHMARKS

Simulation of radioactive corrosion products transport in sodium coolant circuits S42;S36

Zhilkin, A.S.; Boltunov, A.N.; Mikhajlov, A.N.; Popov, Eh.P. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Modelirovanie perenosa radioaktivnykh produktov korrozii v konturakh s natrievym teplonositelem

p. 157

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; SODIUM; PRIMARY COOLANT CIRCUITS; CORROSION;
STAINLESS STEELS; CORROSION PRODUCTS; CHEMICAL REACTION KINETICS;
MATHEMATICAL MODELS; MASS TRANSFER

Radionuclide sorption from Pb-Bi melt

S36;S38

Konovalov, Eh.E.; Il'icheva, N.S.; Naumov, V.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Sorbtsiya radionuklidov iz rasplava Pb-Bi

p. 158-160

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; LEAD ALLOYS; BISMUTH ALLOYS; LIQUID METALS; STEEL-
CR18NI10TI; SURFACES; OXIDES; CHEMISORPTION; DISTRIBUTION FUNCTIONS;
PHASE STUDIES; PRIMARY COOLANT CIRCUITS; ADSORPTION

Role of external diffusion at structural steels oxidation in heavy liquid metal coolants

S36

Lavrova, O.V.; Ivanov, K.D.; Niyazov, S.-A.S. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Rol' vneshnej diffuzii pri okislenii konstrukcionnykh stalej v tyazhelykh zhidkometallicheskich teplonositelyakh

p. 161-162

(RU)

6 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

STAINLESS STEELS; OXIDATION; LIQUID METALS; COOLANTS; DIFFUSION; SURFACES; CHEMICAL REACTION KINETICS; PHASE STUDIES

Time variation of protective properties of coating of fuel can simulator

S21

Orlova, E.A.; Kryuchkov, E.A.; Komyshejnyj, V.N. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)) (and others)

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Izmenenie zashchitnykh svojstv pokrytiya obolochki imitatora tvehla vo vremeni

p. 163

(RU)

5 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FAST REACTORS; MIXED NITRIDE FUELS; LEAD; COOLANTS; LIQUID METALS;
FUEL CANS; TIME DEPENDENCE; REACTOR SAFETY

Purification of HLMC circuits from lead oxide-based slags by the mixtures of hydrogen, water steam and inert gas

S42

Fomin, A.S.; Martynov, P.N.; Orlov, Yu.I.; Askhadullin, R.Sh.; Storozhenko, A.N.; Ul'yanov, V.V.; Gulevskij, V.A.; Teplyakov, Yu.A.; Koshelev, M.M. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ochistka konturov s TZhMT ot shlakov na osnove oksida svintsya smesyami vodoroda, vodyanogo para i internogo gaza

p. 164-166

(RU)

4 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; COOLANTS; PURIFICATION; LEAD; LEAD ALLOYS; BISMUTH ALLOYS; IMPURITIES; HYDROGEN; RARE GASES; SLAGS; SATURATION; BUBBLES; EQUIPMENT; COMPARATIVE EVALUATIONS

Electroconductivity sensor of hydrogen in gas

S21

Shelemet'ev, V.M.; Askhadullin, R.Sh.; Storozhenko, A.N.; Skomorokhov, A.N.; Sadovnichij, R.P. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Elektrokonduktometricheskiy datchik vodoroda v gaze

p. 167-168

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; COOLANTS; COVER GAS; REACTOR CONTROL SYSTEMS; HYDROGEN; CONCENTRATION RATIO; SENSORS; ELECTRIC CONDUCTIVITY; SILVER ALLOYS; ADSORPTION; CONTROL EQUIPMENT

Density and surface tension of lead with small nickel additions

S36

Kashezhev, A.Z.; Ponezhev, M.Kh. (FGBOU VPO Kabardino-Balkarskij Gosudarstvennyj Univ. im. Kh.M. Berbekova, Nal'chik (RU)); Kutuev, R.A.; Khasanov, A.I. (FGBOU VPO Chechenskij Gosudarstvennyj Univ., Groznyj (RU)); Sozaev, V.A. (FGBOU VPO Kabardino-Balkarskij Gosudarstvennyj Univ. in. Kh.M. Berbekova, Nal'chik (RU)); FGBOU VPO Severo-Kavkazskij Gorno-Metallurgicheskij Inst. (GTU), Vladikavkaz (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Plotnost' i poverkhnostnoe natyazhenie svintsa s malymi dobavkami nikelya

p. 169-171

(RU)

2 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LEAD ALLOYS; NICKEL ADDITIONS; DENSITY; SURFACE TENSION; PRESSURE RANGE MILLI PA; TEMPERATURE RANGE 0400-1000 K; TEMPERATURE RANGE 1000-4000 K; THERMODYNAMIC PROPERTIES; CONCENTRATION RATIO

Determination of liquid metal coolant degassing characteristics

S22

Gonchar, N.I.; Mikhajlov, A.Yu. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I.

Lejpunskogo, Obninsk (RU)

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Opredelenie kharakteristik degazatsii zhidkometallicheskogo teplonositelya

p. 172-173

(RU)

2 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

PRIMARY COOLANT CIRCUITS; LIQUID METALS; FUEL CANS; FUEL ELEMENT FAILURE; FISSION PRODUCTS; REACTOR CONTROL SYSTEMS; ALGORITHMS; RARE GASES; RADIOACTIVITY; MATHEMATICAL MODELS

Peculiarities nuclear power industry development and nuclear fuel cycle closure in Russia

S11

Glebov, A.P.; Klushin, A.V.; Baranaev, Yu.D. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Osobennosti razvitiya atomnoj ehnergetiki i zamykanie toplivnogo tsikla v Rossii

p. 174

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj

Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh

(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

NUCLEAR INDUSTRY; FUEL CYCLE; CLOSED-CYCLE SYSTEMS; MIXED OXIDE FUELS; SODIUM; LIQUID METALS; COOLANTS; SUPERCRITICAL STATE; WATER; PLANNING; RUSSIAN FEDERATION

Comparative evaluation of calculated dependences for heat transfer during supercritical water turbulent motion in vertical tubes

S42

Deev, V.I.; Kharitonov, V.S.; Mushtakov, D.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Churkin, A.N. (OAO OKB GIDROPRESS, Podol'sk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Sravnitel'naya otsenka raschetnykh zavisimостей dlya teplootdachi pri turbulentnom dvizhenii vody sverkhkriticheskogo davleniya v vertikal'nykh trubakh

p. 175-177

(RU)

1 ref., 2 tabs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

WATER; SUPERCRITICAL STATE; TURBULENT FLOW; HEAT TRANSFER; EQUATIONS; COMPARATIVE EVALUATIONS; ACCURACY

Heat transfer enhancement in rod bundles in respect to SCWR

S42

Bogoslovskaya, G.P.; Kirillov, P.L. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Intensifikatsiya teploobmena v puchkakh sterzhnej primenitel'no k reaktoru VVEhR-SKD

p. 178-179

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov
ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

HEAT TRANSFER; WATER COOLED REACTORS; WATER; SUPERCRITICAL STATE; REACTOR CORES; FUEL ELEMENTS; WIRES; SPACERS; THERMAL HYDRAULICS; COMPUTER CALCULATIONS

Mathematical models of coolant flow in flow path of reactor facility with supercritical parameters

S42

Avdeev, E.F.; Chusov, I.A.; Shelegov, A.S.; Slobodchuk, V.I.; Rassolov, A.V. (NIYaU MIFI (IATEh), Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Matematicheskie modeli techeniya teplonositelya v protochnoj chasti reaktornoj ustanovki so sverkhkriticheskimi parametrami

p. 180-181

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; FLUID FLOW; MATHEMATICAL MODELS; FAST REACTORS; HEAT TRANSFER; REACTOR CHANNELS

Numerical simulation of heat transfer in SCWR-type reactor fuel elements

S42

Leskin, S.T.; Slobodchuk, V.I.; Chusov, I.A.; Shelegov, A.S. (NIYaU MIFI (IATEh), Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Chislennoe modelirovanie teploobmena v TVS reaktora VVEhR-SKD

p. 182-183

(RU)

3 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

HEAT TRANSFER; WWER TYPE REACTORS; WATER; SUPERCRITICAL STATE; COOLANTS; COMPUTERIZED SIMULATION; FLOW RATE; TURBULENT FLOW; COMPARATIVE EVALUATIONS; ACCURACY

Calculation of heat transfer in circular pipe with water at SCD using open CFD software suit

S42

Shabel'nuk, I.K. (NIYaU MIFI (IATEh), Obninsk (RU)); Varseev, E.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Raschet teploobmena v krugloj trube s vodoj pri SKD s pomoshch'yu otkrytogo CFD paketa
p. 184-186

(RU)

5 refs., 3 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

WATER; SUPERCRITICAL STATE; COOLANTS; REACTOR CHANNELS; THERMAL HYDRAULICS; TEMPERATURE DEPENDENCE; TEMPERATURE RANGE 0400-1000 K; MATHEMATICAL MODELS; HEAT TRANSFER; COMPUTER CODES; TUBES

Thermohydraulic calculation of SCWR 30 MW (heat) reactor core under design conditions

S42

Kartashov, K.V.; Bogoslovskaya, G.P. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Teplogidravlicheskiy raschet aktivnoj zony reaktora VVEhR-SKD 30 MVt (tepl.) pri proektnykh rezhimakh raboty

p. 187-188

(RU)

3 refs., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

WWER TYPE REACTORS; SUPERCRITICAL STATE; WATER; COOLANTS; THERMAL HYDRAULICS; COMPUTER CALCULATIONS; EXPERIMENTAL REACTORS; REACTOR CORES; COMPUTER CODES; MIXED OXIDE FUELS; TEMPERATURE DISTRIBUTION; TEMPERATURE RANGE 0400-1000 K

New physical parameter $S_a = \frac{\mu}{\lambda} \times Pr^{0.4}$ for calculating temperature regime and heat transfer crisis of WWER fuel elements at SCP

S42

Saraf, B.A. (OAO VNIIAM, Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Novyj fizicheskij parametr $S_a = \frac{\mu}{\lambda} \times Pr^{0.4}$ dlya rascheta temperaturnogo rezhima i krizisov teploobmena tvehlov VVEhR pri SKD

p. 189-191

(RU)

2 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

WWER TYPE REACTORS; WATER; COOLANTS; SUPERCRITICAL STATE; HEAT TRANSFER; PRESSURE RANGE MEGA PA 10-100; THERMAL HYDRAULICS; NOMOGRAMS

Methods of multi-criteria analysis and administration of integral (local) performance of power generation plants on the base of dynamic model of closed fuel cycle for associated NPP cascades with thermal and fast neutron reactors
S29

Ignatov, A.A.; Subbotin, S.A.; Alekseev, P.N.; Kormilitsyn, M.V.; Bulanova, T.M. (NITs Kurchatovskij Inst., Moscow (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Metody mnogokriterial'nogo analiza i upravleniya integral'nymi (lokal'nymi) pokazatelyami ob'ektov ehnergoproizvodstva na osnove dinamicheskoy modeli zamknutogo toplivnogo tsikla dlya sopryazhennykh kaskadov AEhS s reaktorami na teplovykh i bystrykh nejtronakh
p. 192

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

NUCLEAR POWER PLANTS; FUEL CYCLE; CLOSED-CYCLE SYSTEMS; MATHEMATICAL MODELS; MULTI-PARAMETER ANALYSIS; COST EFFECTIVENESS ANALYSIS; CONTROL SYSTEMS

Conception and potentialities of nuclear desalination water complex on the base of liquid-metal reactor module RM V867

S21

Chitajkin, V.I. (FGUP VNIIA, Moscow (RU)); Ignat'ev, S.V.; Pankratov, D.V.; Smirnova-Averina, E.A.; Chernov, S.V.; Chernukhina, Yu.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)
Kontseptsiya i vozmozhnosti yadernogo opresnitel'nogo kompleksa na baze
zhidkometallicheskogo reaktornogo modulya RM V867

p. 193

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book
of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh
(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

DESALINATION REACTORS; DESALINATION; SEAWATER; SAFETY; RELIABILITY;
EQUIPMENT; LIQUID METALS

Conceptions of low- and medium-powered reactor facilities

S21

*Avdeev, E.F.; Chusov, I.A.; Trevgoda, M.M.; Glushakov, D.A.; Altukhov, Yu.V.; Zuborev, E.V.;
Yunusova, L.K. (NIYaU MIFI (IATEh), Moscow (RU))*

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Kontseptsii reaktornykh ustanovok maloj i srednej moshchnosti

p. 194-196

(RU)

1 ref., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj
Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book
of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh
(Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

REACTORS; POWER RANGE 01-10 MW; POWER RANGE 10-100 MW; COOLANTS;
REACTOR CORES; FUEL ELEMENTS; FUEL ASSEMBLIES; REACTOR SAFETY;
COMPARATIVE EVALUATIONS

Use of liquid metal for modifying carbon anodes of aluminium electrolyzers

S37

Kharchuk, S.E.; Martynov, P.N.; Askhadullin, R.Sh.; Gulevskij, V.A.; Ul'yanov, V.V. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Primenenie zhidkogo metalla dlya modifitsirovaniya ugol'nykh anodov alyuminievykh ehlektrolizerov

p. 197-199

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

LIQUID METALS; LEAD ALLOYS; BISMUTH ALLOYS; COOLANTS; ANODES; ALUMINIUM; ELECTROMETALLURGY; MODIFICATIONS; CORROSION RESISTANCE; IMPREGNATION; ORGANIC COMPOUNDS; PYROLYSIS; POROSITY

Monitoring sensor of hydrogen in sodium

S46

Blokhin, V.A.; Budashkin, A.A.; Borisov, V.V.; Vinogradov, A.V.; Kamaev, A.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Datchik kontrolya vodoroda v natrii

p. 200-201

(RU)

4 refs., 4 figs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

SODIUM; COOLANTS; WATER; HYDROGEN; SENSORS; CONTROL SYSTEMS;
ELECTROMOTIVE FORCE; CONCENTRATION RATIO; SENSITIVITY; TEMPERATURE
RANGE 0400-1000 K

Determination of background readings of measuring channels of sectoral control system of fuel element cladding failure detection (CSFUCFD) of BN-600 reactor
S21

Albutova, O.I.; Luk'yanov, D.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Opreделение fonovykh pokazanij kanalov izmeritel'nykh sektornoj sistemy kontrolya germetichnosti obolochek tvehl (SSKGO) reaktora BN-600

p. 202-204

(RU)

5 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

REACTOR CONTROL SYSTEMS; BELOYARSK-3 REACTOR; FUEL ELEMENTS; FUEL CANS; FAILED ELEMENT DETECTION; DELAYED NEUTRONS; NEUTRON DETECTORS; REACTOR CHANNELS; SIGNAL-TO-NOISE RATIO; MATHEMATICAL MODELS

Localization of failed fuel assemblies according to sensor readings of sectoral cladding failure detection on the basis of the model of nuclear fission products transfer in BN-type reactor core
S21

Luk'yanov, D.A.; Dvornikov, P.A.; Kovtun, S.N.; Shutov, S.S.; Albutova, O.I. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Lokalizatsiya defektnykh TVS po pokazaniyam datchikov sektornogo KGO na osnove modelej perenosa oskolokov deleniya v aktivnoj zone reaktora tipa BN

p. 205-207

(RU)

5 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

BELOYARSK-3 REACTOR; REACTOR CONTROL SYSTEMS; FAILED ELEMENT DETECTION; REACTOR CORES; MATHEMATICAL MODELS; FISSION PRODUCTS; ALGORITHMS; VERIFICATION

Liquid-metal solutions for energetics of steel-casting complex of ferrous metallurgy

S22

Matveev, S.V.; Alovadinova, Kh.N.; Petrakovich, M.A.; Kartavtsev, S.V. (Magnitogorskij Gosudarstvennyj Tekhnicheskij Univ. im. G.I. Nosova, Magnitogorsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Zhidkometallicheskie resheniya dlya ehnergetiki stalelitejnogo kompleksa chernoj metallurgii p. 208-209

(RU)

1 fig., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; LIQUID METALS; METALLURGY; NUCLEAR POWER PLANTS; TEMPERATURE RANGE 0400-1000 K; ENERGY RECOVERY

Use of liquid metal coolants in the system of compressor plant intermediate cooling

S21

Demin, Yu.K.; Khasanova, R.V.; Kartavtsev, S.V. (Magnitogorskij Gosudarstvennyj Tekhnicheskij Univ. im. G.I. Nosova, Magnitogorsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Primenenie zhidkometallicheskich teplonositelej v sisteme promezhutochnogo okhlazhdeniya kompressornoj ustanovki

p. 210-212

(RU)

5 refs., 1 fig., 1 tab.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

ENERGY RECOVERY; COOLANTS; SODIUM ALLOYS; POTASSIUM ALLOYS; SPECIFIC HEAT; DENSITY; VISCOSITY; HEAT TRANSFER; GAS COMPRESSORS

Use of liquid steel heat in CC machine mold using liquid metal coolants

S21

Alovadinova, Kh.N.; Matveev, S.V.; Kartavtsev, S.V. (Magnitogorskij Gosudarstvennyj Tekhnicheskij Univ. imeni G.I. Nosova, Magnitogorsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ispol'zovanie teploty zhidkoj stali v kristallizatore MNLZ s primeneniem zhidkometallicheskich teplonositelej

p. 213-214

(RU)

3 refs., 1 fig., 2 tabs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tekhnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

COOLANTS; METALLURGY; PHYSICAL PROPERTIES; CRYSTALLIZATION; ENERGY RECOVERY; STEAM GENERATORS; TEMPERATURE RANGE; TEMPERATURE RANGE 0400-1000 K

Experimental investigation of two-phase thermosyphon with sulfur as working medium

S36

Loginov, N.I.; Mikheev, A.S.; Tikhomirov, A.A. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Ehksperimental'noe issledovanie dvykhfaznogo termosifona s seroj v kachestve rabocheho veshchestva

p. 215-216

(RU)

3 refs., 1 fig.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

THERMOSYPHONS; SULFUR; VISCOSITY; TEMPERATURE DEPENDENCE; TEMPERATURE RANGE 0400-1000 K; IODINE ADDITIONS; THERMODYNAMIC PROPERTIES; HEAT TRANSFER; CORROSION; COOLANTS; STAINLESS STEELS

Lead alloying for in-fuel element sublayer

S21

Orlova, E.A.; Kryuchkov, E.A.; Zhmurin, V.G. (FGUP GNTs RF - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)) (and others)

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Legirovanie svintsa dlya vnutritvehl'nogo podsloya

p. 217

(RU)

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov
ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

FUEL ELEMENTS; FAST REACTORS; MIXED NITRIDE FUELS; LEAD ALLOYS;
COOLANTS; IRON ADDITIONS; MAGNESIUM ADDITIONS; NICKEL ADDITIONS;
FUEL CANS; ZIRCONIUM ADDITIONS; CHROMIUM ADDITIONS; BOR-60 REACTOR

Chemical decomposition of water to hydrogen in heterogeneous metal-containing compositions

S37

Belozеров, V.I.; Milinchuk, V.K.; Kunitsyna, T.E.; Yarkin, A.N.; Raevskij, A.E.; Struchkov, A.D.; Khokhlov, N.I. (NIYaU MIFI (IAEh), Obninsk (RU))

Thermal physics of fast reactors (Thermal physics-2014)

Obninsk (RU)

14-17 Oct 2014

Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014)

Khimicheskoe razlozhenie vody na vodorod v geterogennykh metallsoderzhashchikh kompozitsiyakh

p. 218-219

(RU)

3 refs.

Sorokin, A.P.; Trufanov, A.A. (eds.)

Predpriyatie Goskorporatsii Rosatom FGUP Gosudarstvennyj Nauchnyj Tsentr Rossijskoj Federatsii - Fiziko-Ehnergeticheskij Inst. imeni A.I. Lejpunskogo, Obninsk (RU)

Scientific-technical conference Thermal physics of fast reactors (Thermal physics-2014). Book of abstracts

Nauchno-tehnicheskaya konferentsiya Teplofizika reaktorov na bystrykh nejtronakh (Teplofizika-2014). Tezisy dokladov

ISBN 978-5-906512-52-9

Obninsk (RU)

FGUP GNTs RF - FEhI

2014

220 p.

REACTOR SAFETY; REACTOR MATERIALS; WATER; DECOMPOSITION;
HYDROGEN; ALUMINIUM ALLOYS; POWDERS; CHEMICAL REACTION KINETICS;
SODIUM SILICATES

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

S37;S77

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

(RU)

NANOSTRUCTURES; USES; APPROPRIATE TECHNOLOGY; PHYSICAL CHEMISTRY; DISPERSIONS; LEADING ABSTRACT

Materials of the X All-Russian Conference and the Russian Youth Scientific School Physical chemistry of ultrafine (nano) systems are presented. General and theoretical issues of nano-sized state of matter, methods of producing ultrafine (nano) particles and bulk materials with nanostructure are discussed. The features of the structure and properties related to the small size of the substance, as well as research methods and evaluation are treated. The use of nanomaterials in technology and medicine is demonstrated, commercialization aspects of nanotechnology in the Russian and foreign markets are discussed

Представлены материалы X Всероссийской конференции и Российской молодежной научной школы Физикохимия ультрадисперсных (нано-) систем. Обсуждались общие и теоретические вопросы наноразмерного состояния вещества, способы получения ультрадисперсных (нано-) частиц и объемных материалов с наноструктурой. Рассмотрены особенности структуры и свойств, связанные с малым размером вещества, а также методы исследования и аттестации. Показано применение наноматериалов в технике и медицине, дискутируются вопросы коммерциализации нанотехнологий на российском и зарубежных рынках

Stages of development ultradispersed (nano-) systems

S38

Petrinin, V.F. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Ehtapy razvitiya ul'tradispersnykh (nano-) sistem

p. 12-13

(RU)

5 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij

Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; URANIUM ISOTOPES; ISOTOPE SEPARATION; DISPERSIONS; APPROPRIATE TECHNOLOGY; REVIEWS; HISTORICAL ASPECTS

Fundamental problems the description of nanodispersed substances

S77

Melikhov, I.V.; Bozhevol'nov, V.E. (Moskovskij Gosudarstvennyj Univ. imeni M.V. Lomonosova, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Fundamental'nye problemy opisaniya nanodispersnykh veshchestv

p. 14-15

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; MOLECULES; POTENTIAL ENERGY; AGGLOMERATION; EVOLUTION; KINETICS; EQUATIONS

Nanotechnology: societal expectations

S77;S96

Ashmarin, I.I.; Mikhajlova, E.A. (Inst. Filosofii RAN, Moscow (RU); Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Nanotekhnologii: sotsial'nye ozhidaniya

p. 16-17

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; USES; NANOTECHNOLOGY; SOCIAL IMPACT

Theoretical study of physical properties of HCC zirconium nanofilms

S37

Trubitsyn, V.Yu.; Dolgusheva, E.B. (FTI UrO RAN, Izhevsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Teoreticheskie issledovaniya fizicheskikh svojstv nanoplenok GTsK tsirkoniya

p. 18-19

(RU)

1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

ZIRCONIUM; THIN FILMS; CUBIC LATTICES; NANOSTRUCTURES; TEMPERATURE RANGE 0065-0273 K; TEMPERATURE RANGE 0273-0400 K; TEMPERATURE RANGE 0400-1000 K; TEMPERATURE RANGE 1000-4000 K; TEMPERATURE DEPENDENCE; PHYSICAL PROPERTIES

Methods for synthesis of nanopowders and consolidated bulk nanomaterials

S77

Alymov, M.I. (IMET RAN, Moscow (RU); NIYaU MIFI, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Sposoby sinteza nanoporoshkov i konsolidirovannykh ob"emnykh nanomaterialov

p. 20

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; POWDERS; MECHANICAL PROPERTIES; PHYSICAL PROPERTIES; DISLOCATIONS; GRAIN BOUNDARIES; SYNTHESIS; NANOMATERIALS

Low-temperature synthesis of nitrides in micro- and nanopowders of iron in the ammonia flow

S77

Alymov, M.I.; Ankudinov, A.B.; Gnedovets, A.G.; Zelenskij, V.A. (IMET RAN, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Nizkotemperaturnyj sintez nitridov v mikro- i nanoporoshkakh zheleza v potoke ammiaka

p. 21-22

(RU)

3 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

SYNTHESIS; NANOSTRUCTURES; IRON NITRIDES; POWDERS; TEMPERATURE RANGE 0400-1000 K; NITRIDATION; AMMONIA

Dispersion in pulsed discharges of metals formed oxide films having a low contact resistance on the surface

S37

Bajramov, R.K. (Novomoskovskij Inst. (Filial) RKhTU im. D.I. Mendeleeva, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Dispergirovanie v impul'snykh razryadakh metallov, obrazuyushchikh na poverkhnosti oksidnye plenki s nizkim kontaktnym soprotivleniem

p. 23-24

(RU)

3 refs., 1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

THIN FILM STORAGE DEVICES; DISPERSIONS; MOLYBDENUM; TUNGSTEN; THIN FILMS; OXIDES; OXIDATION; POWDERS

Theoretical basis of the electric spark dispersion of metals

S37

Bajramov, R.K. (Novomoskovskij Inst. (Filial) RKhTU im. D.I. Mendeleeva, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Teoreticheskie osnovy protsessa ehlektroiskrovogo dispergirovaniya metallov

p. 25-26

(RU)

4 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

DISPERSIONS; FREE ENTHALPY; OXIDATION; NANOSTRUCTURES; THIN FILMS; POWDERS; NICKEL SULFIDES; IRON SULFIDES

Obtaining nanopowders with the use of electron accelerator

S77

Bardakhanov, S.P.; Chakin, I.K.; Kuksanov, N.K.; Zobov, K.V.; Zav'yalov, A.P.; Golkovskij, M.G.; Nomoev, A.V.; Prozorenko, P.S.; Lygdenov, V.Ts. (Inst. Teoreticheskoy i Prikladnoj Mekhaniki im. S.A. Khristianovicha SO RAN, Novosibirsk (RU); Inst. Yadernoj Fiziki im. G.I. Budkera SO RAN, Novosibirsk (RU); Novosibirskij Gosudarstvennyj Univ., Novosibirsk (RU); Buryatskij Gosudarstvennyj Univ., Ulan-Udeh (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Poluchenie nanoporoshkov s ispol'zovaniem uskoritelya ehlektronov

p. 27-28

(RU)

1 ref.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school
Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly
ISBN 978-5-9275-0997-3
Rostov-na-Donu (RU)
Izd-vo YuFU
2012
138 p.
NANOSTRUCTURES; NANOTECHNOLOGY; POWDERS; APPROPRIATE TECHNOLOGY; OXIDES; SYNTHESIS; ELECTRON BEAMS

Preparation and investigation of nanostructured photocatalytic materials based on TiO₂ by atomic force microscopy

S37;S77

Sotnikova, L.V.; Stepanov, A.Yu.; Vladimirov, A.A.; Dyagilev, D.V. (FGBOU VPO Kemerovskij Gosudarstvennyj Univ., Kemerovo (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Poluchenie i issledovanie metodami atomno-silovoj mikroskopii nanostrukturirovannykh fotokataliticheskikh materialov na osnove TiO₂

p. 29-30

(RU)

1 fig., 1 tab.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obschestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

TITANIUM OXIDES; NANOSTRUCTURES; COMPOSITE MATERIALS; PVA; CHEMICAL PREPARATION; PHOTOCATALYSIS; ATOMIC FORCE MICROSCOPY; ANNEALING

Solid-phase and solid-liquid mechanochemical synthesis of nanocrystalline interstitial phases based on titanium

S37;S77

Dorofeev, G.A.; Lubnin, A.N.; Lad'yanov, V.I. (FTI UrO RAN, Izhevsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Tverdofaznyj i tverdo-zhidkostnyj mekhanokhimicheskij sintez nanokristallicheskich faz vnedreniya na osnove titana

p. 31

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

TITANIUM; GRAPHITE; TOLUENE; HEPTANE; POWDERS; SYNTHESIS;
NANOSTRUCTURES; INTERSTITIALS; TITANIUM CARBIDES

Synthesis and properties of bimetallic nanoparticles

S77

Lerner, M.I.; Domashenko, V.V.; Glazkova, E.A. (Inst. Fiziki Prochnosti i Materialovedeniya SO RAN, Tomsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Sintez i svoystva bimetallicheskich nanochastits

p. 32-33

(RU)

2 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; NANOCHEMISTRY; NANOTECHNOLOGY; BIMETALS;
INTERMETALLIC COMPOUNDS; POWDERS; SYNTHESIS

Preparation and optical properties of Au nanoparticles massive on the surface of ZnO thin films

S37;S77

Zhilin, D.A.; Lyanguzov, N.V.; Kajdashev, E.M. (YuFU, Rostov-na-Donu (RU); NII Mekhaniki i Prikladnoj Matematiki YuFU, Rostov-na-Donu (RU)); Raspopova, E.A.; Tsaturyan, A.A. (YuFU, Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Poluchenie i opticheskie svoystva massivov nanochastits Au na poverkhnosti tonkikh plenok ZnO

p. 34-35

(RU)

4 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

THIN FILMS; ZINC OXIDES; GOLD; NANOSTRUCTURES; OPTICAL PROPERTIES;
SURFACES; SPRAY COATING

Formation of ZnFe₂O₄ physical properties by mechanical activation

S37;S77

Efimov, A.V.; Mardasova, I.V.; Abdolvakhidov, K.G.; Lyanguzov, N.V. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Formirovanie fizicheskikh svojstv ZnFe₂O₄ metodom mekhanoaktivatsii

p. 36

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERAMICS; ZINC OXIDES; IRON OXIDES; POWDERS; FERRITES; BRIDGMAN METHOD; CUBIC LATTICES; NANOSTRUCTURES; DIELECTRIC PROPERTIES

Low temperature sintering of fine powders of hard ferroelectric PZT piezoelectric ceramics

S37;S77

Eremkin, V.V.; Marakhovskij, M.A.; Panich, A.A.; Smotrakov, V.G. (NKTB P'ezopribor Yuzhnogo Federal'nogo Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Nizkotemperaturnoe spekanie vysokodispersnykh poroshkov segnetozhestkoj p'ezokeramiki TsTS

p. 37-38

(RU)

1 ref., 1 tab.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

PZT; CERAMICS; FERROELECTRIC MATERIALS; SINTERING; SYNTHESIS;
POWDERS; CHEMICAL COMPOSITION; NANOSTRUCTURES; TEMPERATURE RANGE
1000-4000 K

Requirements for preparation of piezoelectric ceramics using grinding in a planetary mill

S37;S77

Eremkin, V.V.; Nagaenko, A.V.; Panich, A.A.; Smotrakov, V.G. (NKTB P'ezopribor Yuzhnogo Federal'nogo Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Osobennosti polucheniya p'ezoelektricheskoy keramiki s primeneniem pomola v planetarnoj mel'nitse

p. 39-40

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

PZT; CERAMICS; FERROELECTRIC MATERIALS; GRINDING; CHEMICAL
COMPOSITION; SYNTHESIS; NANOSTRUCTURES; TEMPERATURE RANGE 1000-4000
K

Process management methods of microstructure formation of PZT piezoelectric ceramics based on the use of ultrafine powders of amorphous phases

S37;S77

Nesterov, A.A.; Panich, A.A.; Dolya, V.K.; Vasil'ev, I.V. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya

molodezhnaya nauchnaya shkola

Metody upravleniya protsessami formirovaniya mikrostruktury p'ezokeramiki TsTS, osnovannye na ispol'zovanii ul'tradispersnykh poroshkov amorfnnykh faz

p. 41-42

(RU)

1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERAMICS; PZT; POWDERS; NANOSTRUCTURES; AMORPHOUS STATE; FERROELECTRIC MATERIALS; MICROSTRUCTURE; BORON OXIDES; CHEMICAL COMPOSITION; TEMPERATURE RANGE 1000-4000 K; SINTERING

Synthesis of nanocrystalline oxide powders and powders-based ceramic materials

S77

Popov, V.V.; Petrunin, V.F.; Korovin, S.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Sintez nanokristallicheskich oksidnykh poroshkov i keramicheskikh materialov na ikh osnove p. 43

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOCOMPOSITES; TITANIUM OXIDES; ZIRCONIUM OXIDES; HAFNIUM OXIDES;
CERAMICS; SYNTHESIS; PRESSING; MICROSTRUCTURE

Submicrocrystalline structures of the materials obtained under dynamic loading
S77

Shorokhov, E.V.; Abramov, A.V.; Minaev, I.V. (Rossijskij Federal'nyj Yadernyj Tsentr - VNIITF im. akad. E.I. Zababakhina, Snezhinsk (RU)) (and others)

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Submikrokristallicheskie struktury v materialakh, poluchennye pri dinamicheskom nagruzhenii
p. 44-45

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

TITANIUM; COPPER; ALUMINIUM ALLOYS; PRESSING; DYNAMIC LOADS;
DEFORMATION; NANOSTRUCTURES; MICROSTRUCTURE

Physical chemistry of grain boundaries and the unusual properties of bulk metallic nanomaterials

S77;S36

Valiev, R.Z. (Inst. Fiziki Perspektivnykh Materialov, Nanotsentr Nanostrukturnye Materialy i Vysokie Tekhnologii, Ufimskij Gosudarstvennyj Aviatsionnyj Tekhnicheskij Univ., Ufa (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Fiziko-khimiya granits zeren i neobychnye svoystva ob'emnykh metallicheskih nanomaterialov
p. 46-47

(RU)

3 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; FATIGUE; PLASTICITY; USES; DEFORMATION; METALS; ALLOYS

Features of the structure of metal nanopowders

S77

Dzidziguri, Eh.L. (Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Osobennosti struktury nanoporoshkov metallov

p. 48

(RU)

Metals: Fe, Co, Ni, Cu, Mo, W, Hf, Ta

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; POWDERS; CRYSTAL LATTICES; MICROSTRUCTURE; CRYSTAL DEFECTS; REDUCTION; SYNTHESIS; STRAINS; STRESSES

Rheological characteristics of the medium with nanoparticles with different surface structure

S36;S77

Syzrantsev, V.V.; Zobov, K.V.; Zav'yalov, A.P.; Nomoev, A.V.; Lygdenov, V.Ts.; Radnaev, B.R.; Bardakhanov, S.P. (Inst. Teoreticheskoy i Prikladnoj Mekhaniki im. S.A. Khristianovicha SO RAN, Novosibirsk (RU); Buryatskij Gosudarstvennyj Univ., Ulan-Udeh (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Reologicheskie kharakteristiki sred s nanochastitsami s razlichnym stroeniem poverkhnosti p. 49-50

(RU)

1 ref.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

RHEOLOGY; DEFORMATION; NANOSTRUCTURES; NANOTECHNOLOGY;
NANOPARTICLES; VISCOSITY; COMPOSITE MATERIALS

Mechanisms for controlling the properties of chromium dioxide in hydrothermal synthesis

S37

Osmolovskij, M.G.; Osmolovskaya, O.M. (Sankt-Peterburgskij Gosudarstvennyj Univ., Sankt-Peterburg (RU)); Dzidziguri, Eh.L. (Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Mekhanizmy regulirovaniya svojstv dioksida khroma v gidrotermal'nom sinteze

p. 51

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and

Russian youth scientific school
Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i
Rossijskoj molodezhnoj nauchnoj shkoly
ISBN 978-5-9275-0997-3
Rostov-na-Donu (RU)
Izd-vo YuFU
2012
138 p.
CHROMIUM OXIDES; HYDROTHERMAL SYNTHESIS; TEMPERATURE RANGE 0400-
1000 K; CHEMICAL COMPOSITION; NANOSTRUCTURES; TELLURIUM ADDITIONS;
TUNGSTEN ADDITIONS; MOLYBDENUM ADDITIONS; CHEMICAL PROPERTIES

Study of the structural, mechanical and thermal properties of zirconium nano-films by molecular dynamics method

S77

Dolgusheva, E.B.; Trubitsyn, V.Yu. (FTI UrO RAN, Izhevsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Issledovanie strukturnykh, mekhanicheskikh i teplovykh svojstv nano-plenok tsirkoniya metodom molekulyarnoj dinamiki

p. 52-53

(RU)

5 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; THIN FILMS; ZIRCONIUM; MOLECULAR DYNAMICS METHOD;
CRYSTAL LATTICES; TEMPERATURE RANGE 0000-0013 K; GRAIN BOUNDARIES

Phase transformations during sintering of nanopowders of $ZrO_{2+x}SC_{20}3$ ($6.5 < x < 11$ mol.%) solid solutions

S77

Khrustov, V.R.; Spirin, A.V.; Nikonov, A.V.; Koleukh, D.S. (Inst. Ehlektrofiziki UrO RAN, Ekaterinburg (RU)); Deryagina, I.L. (Inst. Fiziki Metallov UrO RAN, Ekaterinburg (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Fazovye prevrashcheniya pri spekanii nanoporoshkov tverdykh rastvorov $ZrO_{2+x}SC_{2O_3}$ ($6,5 < x < 11$ mol.%)

p. 54-55

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERAMICS; ZIRCONIUM OXIDES; SCANDIUM OXIDES; NANOSTRUCTURES; POWDERS; SINTERING; CRYSTAL-PHASE TRANSFORMATIONS

Structure and magnetoelectric properties of Mn-containing solid solutions with replacement Mn for Cu

S77

Nazarenko, A.V.; Zaletov, V.G.; Rudskaya, A.G.; Kabirov, Yu.V.; Kupriyanov, M.F. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU)); Zakhvalinskij, V.S.; Pilyuk, E.A. (Belgorodskij Gosudarstvennyj Univ., Belgorod (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Struktura i magnetoehlektricheskie svoystva Mn-soderzhashchikh tverdykh rastvorov s zamesheniem Mn na Cu

p. 56-57

(RU)

2 refs.

Solid solutions: $La_{0.7}Sr_{0.3}Mn_{0.9}Cu_{0.1}O_3$;

$La_{0.7}Sr_{0.3}Mn_{0.5}Cu_{0.5}O_3$

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school
Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly
ISBN 978-5-9275-0997-3
Rostov-na-Donu (RU)
Izd-vo YuFU
2012
138 p.
CERAMICS; MAGNETORESISTANCE; NANOSTRUCTURES; COPPER OXIDES;
LANTHANUM OXIDES; MANGANESE OXIDES; STRONTIUM OXIDES;
TEMPERATURE RANGE 0000-0013 K; TEMPERATURE RANGE 0013-0065 K;
TEMPERATURE RANGE 0065-0273 K; TEMPERATURE RANGE 0273-0400 K;
MAGNETIC FIELDS

Influence of surface plasmon resonance on the optical properties of zinc oxide nanostructures with metal nanoparticles

S77

Lyanguzov, N.V.; Kajdashev, E.M. (YuFU, Rostov-na-Donu (RU); NII Mekhaniki i Prikladnoj Matematiki YuFU, Rostov-na-Donu (RU)); Yuzjuk, Yu.I. (NII Mekhaniki i Prikladnoj Matematiki YuFU, Rostov-na-Donu (RU)); Kudryavtsev, A.V.; Shvyrkov, K.V.; Mishina, E.D. (Moskovskij Gosudarstvennyj Tekhnicheskij Univ. Radiotekhniki, Ehlektroniki i Avtomatiki, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vliyanie poverkhnostnykh plazmonnykh rezonansov na opticheskie svoystva nanostruktur oksida tsinka s nanochastitsami metallov

p. 58-59

(RU)

3 refs.

Metals: Au, Ag, Ti, Al

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

OPTICAL PROPERTIES; NANOSTRUCTURES; ZINC OXIDES; PARTICLE SIZE;
SPRAYED COATINGS; PLASMA ARC SPRAYING; TEMPERATURE RANGE 0273-0400
K

Lattice dynamics of nanosized ferroelectrics

S77

Yuzyuk, Yu.I. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU)); Anokhin, A.S.; Golovko, Yu.I.; Mukhortov, V.M. (Yuzhnyj Nauchnyj Tsentr RAN, Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Dinamika reshetki nanorazmernykh segnetoelektrikov

p. 60

(RU)

Ferroelectrics: BiFeO₃, (Ba,Sr)TiO₃, SrTiO₃/BaTiO₃, (Ba,Sr)TiO₃/BaTiO₃, BaZrO₃/BaTiO₃

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CRYSTAL LATTICES; FERROELECTRIC MATERIALS; THIN FILMS; SUPERLATTICES; EPITAXY; STRONTIUM TITANATES; BARIUM COMPOUNDS; ZIRCONATES; NANOSTRUCTURES

Influence mechanisms of charge activation on the properties of piezoceramic material PZT-36

S36

Marakhovskij, V.A.; Nesterov, A.A.; Panich, A.A.; Marakhovskij, M.A. (NKTB P'ezopribor Yuzhnogo Federal'nogo Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vliyanie mekhanizmov aktivatsii shikhty na svoystva p'ezokeramicheskogo materiala TsTS-36

p. 61-62

(RU)

1 tab.

Piezoceramic material: 0.95PbZr_{0.5}4.5Ti_{0.4}5.5O₃ + 0.05CdWO₄

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

LEAD OXIDES; PZT; CERAMICS; CADMIUM TUNGSTATES; MICROSTRUCTURE; GRINDING; SINTERING; TEMPERATURE RANGE 1000-4000 K; DENSITY; PERMITTIVITY; PIEZOELECTRICITY

Effect of doping antimony sulfoiodide on electrophysical parameters

S36

Lupejko, T.G.; Svirskaya, S.N.; Medvedeva, E.S. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vliyanie legirovaniya sul'fojodida sur'my na ehlektrofizicheskie parametry

p. 63-64

(RU)

2 refs., 1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

ANTIMONY SULFIDES; ANTIMONY IODIDES; PIEZOELECTRICITY; CURIE POINT; PERMITTIVITY; BISMUTH COMPOUNDS; CHEMICAL COMPOSITION; TEXTURE; TEMPERATURE RANGE 0065-0273 K

Corrosion-electrochemical properties of laser-induced nanostructures on the steel surfaces

S36

Kharanzhevskij, E.V.; Reshetnikov, S.M.; Krivilev, M.D.; Sadiokov, Eh.E.; Pisareva, T.A. (Udmurtskij Gosudarstvennyj Univ., Izhevsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Korrozinno-ehlektrokhimicheskie svoystva lazerno-indutsirovannykh nanostruktur na poverkhnosti stalej

p. 65

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

STEELS; NANOSTRUCTURES; CORROSION RESISTANCE; SURFACE COATING; METALLURGICAL EFFECTS; LASER WELDING; PASSIVATION

Mechanical properties of nanostructured ceramics based on zirconium diboride

S36

Skripnyak, V.A.; Skripnyak, E.G.; Vaganova, I.K.; Yanyushkin, A.S.; Skripnyak, V.V.; Lobanov, D.V. (Tomskij Gosudarstvennyj Univ., Tomsk (RU); Bratskij Gosudarstvennyj Univ., Bratsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Mekhanicheskie svoystva nanostrukturnoj keramiki na osnove diborida tsirkoniya

p. 66-67

(RU)

4 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij

Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)
Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school
Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly
ISBN 978-5-9275-0997-3
Rostov-na-Donu (RU)
Izd-vo YuFU
2012
138 p.
NANOSTRUCTURES; CERAMICS; ZIRCONIUM BORIDES; HOT PRESSING; COMPRESSION; TENSILE PROPERTIES; HARDNESS

Monodomain phase states of barium titanate/barium zirconate superlattices S36

Shakhovoj, R.A.; Yuzyuk, Yu.I. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU)); Shirokov, V.B. (Yuzhnyj Nauchnyj Tsentr Rossijskoj Akademii Nauk, Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Monodomennye fazovye sostoyaniya sverkhreshetok titanata bariya/tsirkonata bariya

p. 68-69

(RU)

3 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

THIN FILMS; FERROELECTRIC MATERIALS; TITANATES; BARIUM COMPOUNDS; ZIRCONATES; SUPERLATTICES; DOMAIN STRUCTURE; DEFORMATION; DIELECTRIC PROPERTIES

Structure of thin films BST

S77

Shishkina, E.V.; Yuzyuk, Yu.I. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU)); Mukhortov, V.M.; Shirokov, V.B. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU)); Yuzhnyj Nauchnyj

Tsentr Rossijskoj Akademii Nauk, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Struktura tonkikh plenok BST

p. 70

(RU)

1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

THIN FILMS; STRONTIUM TITANATES; BARIUM COMPOUNDS; EPITAXY; MONOCRYSTALS; MAGNESIUM OXIDES; ETCHING; DOMAIN STRUCTURE

Deformation behavior of technical aluminum under dynamic pressing

S77

Petrova, A.N.; Astaf'ev, V.V.; Brodova, I.G. (Inst. Fiziki Metallov UrO RAN, Ekaterinburg (RU)); Shorokhov, E.V.; Gaan, K.V.; Granskij, A.A.; Oglezneva, N.P. (Rossijskij Federal'nyj Yadernyj Tsent - VNIITF im. akad. E.I. Zababakhina, Snezhinsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Deformatsionnoe povedenie tekhnicheskogo alyuminiya pri dinamicheskom pressovanii

p. 71-72

(RU)

2 refs., 1 tab.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i

Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; MICROSTRUCTURE; DEFORMATION; HARDNESS;
DISLOCATIONS; ALUMINIUM ALLOYS; COLD PRESSING

Diffraction of fast electrons and transmission electron microscopy in the study of nanostructures

S77

Ievlev, V.M. (Voronezhskij Gosudarstvennyj Univ., Voronezh (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Difraktsiya bystrykh ehlektronov i prosvechivayushchaya ehlektronnaya mikroskopiya v issledovanii nanostruktur

p. 73

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; ELECTRON DIFFRACTION; TRANSMISSION ELECTRON MICROSCOPY; NANOPARTICLES; POWDERS; THIN FILMS; CERAMICS; AMORPHOUS STATE; CRYSTAL STRUCTURE

Use of analytical transmission electron microscopy for certification of nanocrystalline materials: bulk and nano particles

S77

Arsent'eva, I.P. (FGBOU VPO Moskovskij Gosudarstvennyj Otkrytyj Univ. im. V.S.

Chernomyrdina, Moscow (RU)); Zhigalina, O.M. (Inst. Kristallografii RAN, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Ispol'zovanie metodov analiticheskoy prosvechivayushchej ehlektronnoj mikroskopii pri attestatsii nanokristallicheskikh materialov: ob'emnykh i nanochastits

p. 74-75

(RU)

2 tabs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

TRANSMISSION ELECTRON MICROSCOPY; PZT; STRONTIUM TITANATES; BARIUM COMPOUNDS; ELECTRONIC STRUCTURE; NANOSTRUCTURES; CRYSTAL DEFECTS

New solutions in electron probe microanalysis

S77

Vislobokov, N.A.; Shklover, V.Ya. (OOO Sistemy dlya Mikroskopii i Analiza, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Novye resheniya v ehlektronno-zondovom mikroanalize

p. 76-77

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

Direct measurement of the dynamic adiabat of compression nanopowders
S77

Nozdrin, A.A. (Inst. Ehlektrofiziki UrO RAN, Ekaterinburg (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Metod pryamogo izmereniya dinamicheskikh adiabat szhatiya nanorazmernykh poroshkov
p. 78-79

(RU)

1 ref., 2 figs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; POWDERS; PRESSING; MAGNETIC FIELDS; HOT PRESSING;
TEMPERATURE RANGE 0400-1000 K; ADIABATIC PROCESSES; ALUMINIUM OXIDES;
COMPARATIVE EVALUATIONS

Possible development of positron annihilation spectroscopy for investigation into nano events in oil gas production

S77

Grafutin, V.I.; Ilyukhina, O.V.; Prokop'ev, E.P.; Funtikov, Yu.V. (NITs Kurchatovskij Inst., FGBU GNTs RF - ITEhF, Moscow (RU)); Shlyaposhnikov, V.A. (NIYaU MIFI, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vozmozhnoe razvitie metodov pozitronnoj annigilyatsionnoj spektroskopii dlya issledovaniya nanoyavlenij v neftegazodobyche

p. 80-81

(RU)

2 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOTECHNOLOGY; NANOSTRUCTURES; ANNIHILATION; POROSITY; SIBERIA; SPECTROSCOPY; POSITRONS

Analysis of phase transformations in carbon steels at the atomic level

S36

Titorov, D.B. (Fiziko-Tekhnicheskij Inst. UrORAN, Izhevsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Analiz fazovykh prevrashchenij v uglerodistykh stalyakh na atomarnom urovne

p. 82

(RU)

2 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CARBON STEELS; CRYSTAL-PHASE TRANSFORMATIONS; NANOSTRUCTURES; INTERACTIONS; HEAT TREATMENTS; INTERATOMIC FORCES; GRAIN BOUNDARIES

Application of nanopowders in nuclear power engineering

S77

Petrinin, V.F.; Popov, V.V.; Grechishnikov, S.I.; Korovin, S.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vozmozhnosti primeneniya nanoporoshkov v atomnoj ehnergetike

p. 83-84

(RU)

5 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; CRYSTAL STRUCTURE; POWDERS; NANOMATERIALS;
NUCLEAR ENGINEERING; NANOTECHNOLOGY; CERAMICS

New technologies in producing articles from nanoceramics for industrial applications

S36

Khasanov, O.L. (Natsional'nyj Issledovatel'skij Tomskij Politekhničeskij Univ., Tomsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Novye tekhnologii izgotovleniya izdelij iz nanokeramiki dlya primeneniya v promyshlennosti

p. 85-86

(RU)

5 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i

Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERAMICS; POWDERS; NANOCOMPOSITES; NANOTECHNOLOGY; PRESSING;
SINTERING; ULTRASONIC WAVES; OSCILLATIONS

**On the action of radiation on materials, devices and circuits of nanoelectronics
S77**

*Aleksandrov, P.A.; Budaragin, V.V.; Zhuk, V.I.; Litvinov, V.L.; Svechnikov, A.B. (NITs
Kurchatovskij Inst., Moscow (RU))*

**Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian
youth scientific school**

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya
molodezhnaya nauchnaya shkola

O dejstvii izlucheniya na materialy, pribory i skhemy nanoelektroniki

p. 87

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i
Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU);
Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij
Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor
YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and
Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i
Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; NANOPARTICLES; RADIATION SOURCES;
NANOELECTRONICS; IRRADIATION

**Stability over time of biologically active nanocrystalline preparation on the basis
of iron**

S37;S77

*Arsent'ev, A.A. (Moskovskij Gosudarstvennyj Vechernij Metallurgicheskij Inst., Moscow (RU));
Folmanis, G.Eh. (Inst. Metallurgii i Materialovedeniya im. A.A. Bajkova RAN, Moscow (RU));
Afanasenkova, E.S. (Inst. Ehnergeticheskikh Problem Khimicheskoy Fiziki RAN, Moscow (RU));
Zhigalina, O.M. (Inst. Kristallografii im. A.V. Shubnikova RAN, Moscow (RU)); Sukhareva, E.A.
(FGBOU VPO Moskovskij Gosudarstvennyj Univ. im. V.S. Chernomyrdina, Moscow (RU))*

**Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian
youth scientific school**

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Stabil'nost' vo vremeni biologicheskii aktivnogo nanokristallicheskogo preparata na osnove zheleza

p. 88-89

(RU)

1 ref., 1 fig.

Rossiiskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOPARTICLES; NANOMATERIALS; IRON OXIDES; POWDERS; CRYSTAL STRUCTURE; NANOTECHNOLOGY; BIOLOGICAL MATERIALS

Certification of magnesium-based nanopowders used as an active basis of wound healing drugs

S37;S77;S63

Arsent'eva, I.P. (FGBOU VPO Moskovskij Gosudarstvennyj Univ. im. V.S. Chernomyrdina, Moscow (RU)); Afanasenkova, E.S.; Glushchenkova, N.N. (Uchrezhdenie Rossijskoj Akademii Nauk Inst. Ehnergeticheskikh Problem Khimicheskoi Fiziki RAN, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Attestatsiya nanoporoshka na osnove magniya, ispol'zuemogo v kachestve aktivnoj osnovy ranozazhivlyayushchikh preparatov

p. 90-91

(RU)

2 refs., 1 fig.

Rossiiskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOPARTICLES; NANOMATERIALS; MAGNESIUM; POWDERS; CERTIFICATION; DIAGNOSTIC USES; BIOLOGICAL MATERIALS; MICROSTRUCTURE; MAGNESIUM OXIDES; MAGNESIUM HYDROXIDES; NANOSTRUCTURES; CHEMICAL COMPOSITION

Development and investigation of radio- and radiation- protective materials

S36

Gul'bin, V.N.; Mikheev, V.A.; Kolpakov, N.S. (OAO Inzhenerno-Marketingovyj Tsentr Kontserna Vega, Moscow (RU)); Cherdyntsev, V.V. (Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Razrabotka i issledovanie radio- i radiatsionno-zashchitnykh materialov

p. 92-93

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

COMPOSITE MATERIALS; YOUNG MODULUS; TENSILE PROPERTIES; YIELD STRENGTH; RADIATION PROTECTION; SHIELDING MATERIALS; CARBON NANOTUBES; NANOFIBERS; GRAPHITE

Mineral CNT based nanocomposites

S37;S77

Zhukalin, D.A.; Alekseeva, E.V.; Bityutskaya, L.A. (Voronezhskij Gosudarstvennyj Univ., Voronezh (RU)); Voronezhskij Gosudarstvennyj Arkhitekturno-Stroitel'nyj Univ., Voronezh (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Mineral'nye nanokompozity na osnove UNT

p. 94-95

(RU)

3 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOCOMPOSITES; CARBON NANOTUBES; NANOTECHNOLOGY; CALCIUM SULFATES; STOICHIOMETRY; CHEMICAL PROPERTIES; BIOLOGICAL MATERIALS; SYNTHESIS

Modification of structural-phase state of zirconium alloys

S36

Ivanova, S.V.; Glagovskij, Eh.M. (Inst. Promyshlennykh Yadernykh Tekhnologij Natsional'nogo Issledovatel'skogo Yadernogo Univ. MIFI, Moscow (RU)); Orlov, V.K.; Shlepov, I.A.; Nikonorov, K.Yu.; Rozhko, V.V. (OAO Vysokotekhnologicheskij Nauchno-Issledovatel'skij Inst. Neorganicheskikh Materialov imeni akademika A.A. Bochvara, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Modifikatsiya strukturno-fazovogo sostoyaniya tsirkonievnykh splavov

p. 96-97

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

ZIRCONIUM ALLOYS; CRYSTALLIZATION; CRYSTAL LATTICES; ORDER
PARAMETERS; NANOMATERIALS; REINFORCED MATERIALS; NANOTECHNOLOGY

Use of nanosize powder Al₂O₃ for manufacturing overlocking nozzles for waterjet cutting machine

S36;S77

Krutikov, V.I.; Spirin, A.V.; Parandin, S.N. (Inst. Ehlektrofiziki UrO RAN, Ekaterinburg (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Primenenie nanorazmernogo poroshka Al₂O₃ dlya izgotovleniya razgonnogo nasadka apparatov gidroabrazivnoj rezki

p. 98

(RU)

1 ref.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

POWDERS; ALUMINIUM OXIDES; NANOTECHNOLOGY; NANOCOMPOSITES;
CERAMICS; PRESSING; COMPACTING

Preparation of carbon monoxide detectors on the basis of ZnO nanorods and research of their gas sensing properties

S77

Nikolaev, A.L.; Kajdashev, E.M.; Lyanguzov, N.V.; Stupko, M.Yu. (YuFU, Rostov-na-Donu (RU); NII Mekhaniki i Prikladnoj Matematiki YuFU, Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Poluchenie datchikov ugarnogo gaza na osnove nanosterzhnej ZnO i issledovanie ikh

gazochuvstvitel'nykh svojstv

p. 99-100

(RU)

7 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

SYNTHESIS; ZINC OXIDES; NANOSTRUCTURES; CARBON MONOXIDE; APPROPRIATE TECHNOLOGY; PHOTOLUMINESCENCE; SENSITIVITY

Structured composite materials based on $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ and $\text{SrFe}_{12}\text{O}_{19}$

S36

Milov, E.V.; Kabirov, Yu.V.; Klenushkin, A.A.; Lyanguzov, N.V.; Gavrilyachenko, V.G.; Panchenko, E.M. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Strukturirovannye kompozitnye materialy na osnove $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ i $\text{SrFe}_{12}\text{O}_{19}$

p. 101

(RU)

1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

Piezoceramic materials made on the basis of nano- and ultrasize powders of layered phases of the bismuth titanate type

S77;S37

Nesterov, A.A.; Panich, A.A.; Panich, A.E. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

P'ezokeramicheskie materialy, izgotovlennyye na osnove nano- i ul'trazmernykh poroshkov sloistykh faz tipa titanatov vismuta

p. 102-103

(RU)

1 tab.

$(\text{Bi}_{2\text{O}_2})(\text{A}_{n-1}\text{O}_{3n+1})$, A=Ca, Sr, Ba, Pb, K, Bi and others, B=Ti, Nb, Ta, n=2, 3, 4, 5
Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERAMICS; TITANATES; BISMUTH COMPOUNDS; CHEMICAL COMPOSITION;
DIELECTRIC PROPERTIES; PIEZOELECTRICITY; POWDERS; NANOSTRUCTURES;
DISPERSIONS; NANOPARTICLES; SYNTHESIS

Thin film radio-absorbing coatings based on hydrogenated carbon with 3D-metal nanoparticles

S77

Nikolajchuk, G.A.; Tsvetkova, E.A.; Boldin, P.A.; Mikhajlova, E.A.; Bondarenko, A.V.; Moroz, O.Yu. (OAO NII Ferrit-Domen, Sankt-Peterburg (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Tonkoplennyye radiopogloshchayushchie pokrytiya na osnove gidrogenizirovannogo ugleroda

s nanochastitsami 3d-metalla

p. 104-105

(RU)

2 figs.

Metals: Ni, Co, Fe

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obschestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOPARTICLES; THIN FILMS; RADIATION PROTECTION; SHIELDING MATERIALS; CARBON; PROTECTIVE COATINGS; SPRAYED COATINGS

Modification of rubber by nanodisperse silica filler Rosil-175

S36;S77

Poluboyarov, V.A.; Korotaeva, Z.A.; Zhdanok, A.A.; Bajkina, L.K.; Voloskova, E.V.; Gorbunov, F.K. (Inst. Khimii Tverdogo Tela i Mekhanokhimii SO RAN, Novosibirsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Modifikatsiya reziny nanodispersnym kremnezemistym napolnitelem Rosil-175

p. 106-107

(RU)

1 ref., 1 tab.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obschestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

Nanosized carbides of iron subgroup metals as effective cathodes to obtain hydrogen by electrochemical method

S77

Reshetnikov, S.M. (Udmurtskij Gosudarstvennyj Univ., Izhevsk (RU)); Syugaev, A.V.; Lyalina, N.V.; Lomaeva, S.F. (Fiziko-Tekhnicheskij Inst. UrO RAN, Izhevsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Nanorazmernye karbidy metallov podgruppy zheleza kak ehffektivnye katody dlya polucheniya vodoroda ehlektrokhimicheskim metodom

p. 108-109

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CARBIDES; NANOSTRUCTURES; ELECTRODES; PH VALUE; HYDROGEN; THERMODYNAMIC ACTIVITY

Analysis of properties and review of applications of nanostructural aluminum oxide aerogel

S77

Martynov, P.N.; Askhadullin, R.Sh.; Osipov, A.A.; Kharchuk, S.E. (FGUP GNTs RF - FEhI im. A.I. Lejpunskogo, Obninsk (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Analiz svojstv i obzor oblastej primeneniya nanostrukturnogo aehrogelya oksida alyuminiya

p. 110-111

(RU)

3 figs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; GELS; POROUS MATERIALS; ALUMINIUM OXIDES;
SYNTHESIS; REVIEWS; MICROSTRUCTURE; CERAMICS; RUBBERS

Electronic and atomic structures of bimetallic nanoparticles iron-cobalt and iron-platinum

S77

Kozinkin, A.V. (NII Fiziki YuFU, Rostov-na-Donu (RU)), e-mail: kozinkin@sfnu.ru

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Ehlektronnoe i atomnoe stroenie bimetallicheskich nanochastits zhelezo - kobal't i zhelezo - platina

p. 112

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOPARTICLES; ELECTRONIC STRUCTURE; BIMETALS; CRYSTAL STRUCTURE;
IRON; PLATINUM; COBALT; X-RAY DIFFRACTION

Effect of electromagnetic radiation of mm-band on immunobiological activity of nanosubstances

S63

Usatov, A.V.; Malyshev, I.V.; Azarin, K.V.; Pokudina, I.O. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vliyanie ehlektromagnitnogo izlucheniya mm-diapazona na immunobiologicheskuyu aktivnost' nanosubstantsij

p. 113-114

(RU)

2 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; ELECTROMAGNETIC RADIATION; GHZ RANGE 01-100; BIOLOGICAL RADIATION EFFECTS; MICROORGANISMS; SURVIVAL TIME

Investigation into physicochemical properties of ultradispersed systems from the liquid fractions of leafy masses of leguminous plants

S37;S77

Bren', D.V.; Chernoiyanov, V.A. (Nauchno-Issledovatel'skij Inst. Fizicheskoy i Organicheskoy Khimii Yuzhnogo Federal'nogo Univ., Rostov-na-Donu (RU)); Bren', A.B. (Nauchno-Issledovatel'skij Inst. Biologii Yuzhnogo Federal'nogo Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Issledovanie fiziko-khimicheskikh svojstv ul'tradispersnykh sistem iz zhidkikh fraktsij listostebel'noj massy bobovykh rastenij

p. 115-116

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obschestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOMATERIALS; DISPERSIONS; PHYSICAL PROPERTIES; CHEMICAL PROPERTIES; SYNTHESIS; NANOTECHNOLOGY; CHEMICAL ANALYSIS; LEGUMINOSAE

XANES spectroscopy application in the study of Pb(II) and Zn(II) adsorption mechanisms by carbonate phase

S37

Minkina, T.M. (Fakul'tet Biologicheskikh Nauk YuFU, Rostov-na-Donu (RU)); Soldatov, A.V.; Podkovyrina, Yu.S. (Fakul'tet Fiziki YuFU, Rostov-na-Donu (RU)); Nevidomskaya, D.G. (Inst. Aridnykh Zon YuNTs RAN, Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Primenenie spektroskopii XANES v issledovanii mekhanizmov sorbtсии Pb (II) i Zn (II) karbonatnoj fazoj

p. 117-118

(RU)

3 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obschestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

ABSORPTION SPECTROSCOPY; X-RAY DIFFRACTION; CALCITE; CHEMISORPTION; LEAD IONS; ZINC IONS; CHEMICAL BONDS

Sequence identification of motives in noncoding DNA protein located within and around of genes specifically expressed in response to oxidative stress

S77;S63

Butenko, A.I.; Ponomareva, N.S. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Identifikatsiya posledovatel'nostej motivov v nekodiruyushchej belok DNK, raspolozhennykh vnutri i vokrug genov, spetsificheski ehkspressiruyushchikhsya v otvet na okislitel'nyj stress p. 119-120

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; DNA; GENES; CHEMICAL STRESS; NUCLEOTIDES; HYBRIDIZATION

Bioinformatic search of new nanostructures for the regulation of genome

S63;S77

Ponomareva, N.S.; Ryzhkov, P.A.; Adigeev, M.G.; Shkurat, T.P. (Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Bioinformatsionnyj poisk novykh nanostruktur dlya regulyatsii genoma

p. 121-123

(RU)

5 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor

YuFU, Rostov-na-Donu (RU)
Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school
Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly
ISBN 978-5-9275-0997-3
Rostov-na-Donu (RU)
Izd-vo YuFU
2012
138 p.
NANOSTRUCTURES; DNA; INTRONS; GENES; CHEMICAL STRESS; BIOLOGICAL ADAPTATION

Methods for evaluating the genotoxicity of environment of urbanized areas using physicochemical cytogenetic values of plants

S54

Omel'chenko, G.V.; Shimanskaya, E.I.; Buraeva, E.A.; Sherstnev, A.K.; Chokheli, V.A.; V'yukhina, A.A.; Varduni, T.V. (Nauchno-Issledovatel'skij Inst. Biologii Yuzhnogo Federal'nogo Univ., Rostov-na-Donu (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Sposob otsenki genotoksichnosti okruzhayushchej sredy urbanizirovannykh territorij s ispol'zovaniem fizikokhimicheskikh i tsitogeneticheskikh pokazatelej rastenij

p. 124-126

(RU)

5 refs.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

ENVIRONMENT; TOXICITY; GENE MUTATIONS; CHROMOSOMAL ABERRATIONS; RADIUM 226; THORIUM 232; POTASSIUM 40; URBAN AREAS; RADIATION MONITORING

Effect of nanostructuring on the properties of ceramic oxides

S77

Bobrysheva, N.P.; Selyutin, A.A.; Kozin, A.O. (Sankt-Peterburgskij Gosudarstvennyj Univ., Sankt-Peterburg (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Vliyanie nanostrukturirovaniya na svoystva keramicheskikh oksidov

p. 127-128

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERAMICS; NANOSTRUCTURES; SOLIDS; SOLID CLUSTERS; OXIDES;
SUPERCONDUCTIVITY; MOLECULAR STRUCTURE; CRYSTAL STRUCTURE

Pretreatment of microfiltration substrates for production of composite membranes from nanoporous polymer materials

S77

Dibrov, G.A.; Vasilevskij, V.P.; Novitskij, Eh.G.; Volkov, V.V. (Inst. Neftekhimicheskogo Sinteza im. A.V. Topchieva RAN, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Predvaritel'naya obrabotka mikrofil'tratsionnykh podlozhek dlya polucheniya kompozitsionnykh membran iz nanoporistykh polimernykh materialov

p. 129-130

(RU)

1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly
ISBN 978-5-9275-0997-3
Rostov-na-Donu (RU)
Izd-vo YuFU
2012
138 p.
NANOMATERIALS; POROUS MATERIALS; MEMBRANES; SUBSTRATES;
PERMEABILITY; MASS TRANSFER; MEMBRANE TRANSPORT

Pilot catalytic membrane reactor based on polymeric hollow fibers coated with nanocrystalline palladium catalyst

S37

Petrova, I.V.; Vasilevskij, V.P.; Lebedeva, V.I.; Volkov, V.V. (Inst. Neftekhimicheskogo Sinteza im. A.V.Topchieva RAN, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Pilotnyj kataliticheskij membrannyj reaktor na osnove polimernykh polykh volokon s nanesennym nanokristallicheskim palladievym katalizatorom

p. 131-132

(RU)

1 fig.

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

PALLADIUM; MEMBRANES; NANOSTRUCTURES; WATER TREATMENT; POROUS MATERIALS; OXYGEN; POLYPROPYLENE

Properties of polishes nanopowders based on CeO₂

S37

Lebedeva, M.I.; Dzidziguri, Eh.L.; Sidorova, E.N. (Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Izuchenie svojstv poliruyushchego nanoporoshka na osnove CeO₂

p. 133

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

CERIUM OXIDES; POWDERS; NANOSTRUCTURES; LATTICE PARAMETERS;
COHERENT SCATTERING; DISPERSIONS

Preparation and properties of nanopowders rhenium

S77

Kostylev, A.I.; Dzidziguri, Eh.L.; Sidorova, E.N. (FGUP NPO Radievyj Inst. im. V.G. Khlopina, Sankt-Peterburg (RU); Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Poluchenie i svojstva nanoporoshka reniya

p. 134

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

Kinetics of production of nanostructured silicon carbide matrix from the gas phase of methylsilane

S77

Larionov, N.V.; Lakhin, A.V. (OAO Kompozit, Korolev, Moskovskaya Obl. (RU)); Dzidziguri, Eh.L. (NITU MISiS, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Kinetika polucheniya nanostrukturnoj karbidokremnievoj matritsy iz gazovoj fazy metilsilana p. 135-136

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOSTRUCTURES; SILANES; CHEMICAL VAPOR DEPOSITION; SILICON CARBIDES; KINETICS; NANOCOMPOSITES

Studying the structure of nanocomposites in the C-Co-Gd system

S77

Larionova, I.I. (Vserossijskij Nauchno-Issledovatel'skij Inst. Mineral'nogo Syr'ya im. N.M. Fedorovskogo, Moscow (RU)); Dzidziguri, Eh.L. (Natsional'nyj Issledovatel'skij Tekhnologicheskij Univ. MISiS, Moscow (RU)); Bagdasarova, K.A. (Inst. Neftekhimicheskogo Sinteza im. A.V. Topchieva RAN, Moscow (RU))

Physicochemistry of ultrafine (nano-) systems. X All-Russian Conference and Russian youth scientific school

Anapa (RU)

25-29 Sep 2012

Fizikokhimiya ul'tradispersnykh (nano-) sistem. X Vserossijskaya konferentsiya i Rossijskaya molodezhnaya nauchnaya shkola

Izuchenie struktury nanokompozitov sistemy C-Co-Gd

p. 137

(RU)

Rossijskij Fond Fundamental'nykh Issledovanij, Moscow (RU); Ministerstvo Obrazovaniya i Nauki Rossijskoj Federatsii, Moscow (RU); Rossijskaya Akademiya Nauk, Moscow (RU); Nanotekhnologicheskoe Obshchestvo Rossii, Moscow, Zelenograd (RU); RNTs Kurchatovskij Inst., Moscow (RU); Yuzhnyj Federal'nyj Univ., Rostov-na-Donu (RU); NKTB P'ezopribor YuFU, Rostov-na-Donu (RU)

Physicochemistry of ultrafine (nano-) systems. Materials of X All-Russian Conference and Russian youth scientific school

Fizikokhimiya ul'tradispersnykh (nano-) sistem. Materialy X Vserossijskoj konferentsii i Rossijskoj molodezhnoj nauchnoj shkoly

ISBN 978-5-9275-0997-3

Rostov-na-Donu (RU)

Izd-vo YuFU

2012

138 p.

NANOCOMPOSITES; NANOSTRUCTURES; CARBON; COBALT; GADOLINIUM; PYROLYSIS; COHERENT SCATTERING

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

S73;S77;S79

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

(RU, EN)

ASTROPHYSICS; NANOTECHNOLOGY; NUCLEAR STRUCTURE; NONDESTRUCTIVE TESTING; PLASMA; RADIATION DETECTORS; POLYMERS; LEADING ABSTRACT; MEETINGS

The third International youth scientific school-conference took place 10-13 April 2014 year in Moscow on the basis National Research Nuclear University MEPhI and RAS Lebedev P.N. Physical Institute. The actual scientific problems of current fundamental and applied physics as well as nuclear and physical technologies were discussed. This book of abstracts contains many interesting items devoted problems of theoretical physics and astrophysics, nuclear physics, nanotechnology, laser physics and plasma physics

III Международная молодежная научная школа-конференция прошла с 10 по 13 апреля 2014 года в Москве на базе Национального исследовательского ядерного университета МИФИ и Физического института им. П.Н. Лебедева РАН. На ней обсуждались актуальные научные проблемы современной фундаментальной прикладной физики, а также ядерных и

физических технологий. Этот сборник тезисов содержит много интересных статей, посвященных вопросам теоретической физики и астрофизики, ядерной физики и нанотехнологий, лазерной физики и физики плазмы

Technique of nondestructive testing of thermophysical properties of fuel elements with dense fuel

S21;S36

Struchalin, P.G.; Kruglov, A.B.; Kruglov, V.B. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: pstruchalin@mail.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Metodika nerazrushayushchego kontrolya teplofizicheskikh svoystv tvehlav s plotnym toplivom p. 24-25

(RU)

2 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

FUEL ELEMENTS; FUEL-CLADDING INTERACTIONS; MIXED NITRIDE FUELS; STEEL-CR18NI10TI; THERMAL CONDUCTION; THERMAL TESTING; TEMPERATURE RANGE 0273-0400 K; BENCH-SCALE EXPERIMENTS; EXPERIMENTAL DATA

Effect of orientation of heat-transferring surface on heat transfer to liquid nitrogen from high-temperature superconductors

S42;S75

Delov, M.I.; Kutsenko, K.V.; Lavrukhin, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: DelovMI@yandex.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Vliyanie orientatsii teplootdayushchej poverkhnosti na teplootdachu k zhidkomu azotu s poverkhnosti vysokotemperaturnykh sverkhprovodnikov

p. 26-28

(RU)

3 refs., 2 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

HIGH-TC SUPERCONDUCTORS; NICKEL ALLOYS; TUNGSTEN ALLOYS; NITROGEN; CRYOGENIC FLUIDS; HEAT TRANSFER; NATURAL CONVECTION; FILM BOILING; INCLINATION; ORIENTATION; DIAGRAMS; EXPERIMENTAL DATA

Disturbance propagation in strong centrifugal fields

S42

Kislov, V.A.; Bogovalov, S.V.; Borisevich, V.D.; Borman, V.D.; Tronin, I.V.; Tronin, V.N. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: morphnus1@rambler.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Rasprostranenie vozmushchenij v sil'nykh tsentrobezhnykh polyakh

p. 29

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

FLUID FLOW; GAS FLOW; FLUID MECHANICS; COMPUTERIZED SIMULATION; GAS CENTRIFUGATION; ACCELERATION; DISTURBANCES; CORIOLIS FORCE; ROTATION; TIMING PROPERTIES; SPATIAL DISTRIBUTION; ATTENUATION; THEORETICAL DATA

Spectroscopy of high-excited levels of ⁷Li, ⁸Li lithium isotopes

S73

Korotkova, L.Yu.; Kuznetsov, D.S.; Pritula, R.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ.

MIFI, Moscow (RU)), e-mail: korotkovalara@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Spektroskopiya vysokovozbuzhdennykh urovnej izotopov litiya "7", "8Li

p. 30

(RU)

3 refs., 1 tab.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

LITHIUM 7; LITHIUM 8; EXCITED STATES; LEVEL WIDTHS; CARBON 12 TARGET; PION MINUS REACTIONS; DEUTERONS; TRITONS; BORON 10 TARGET; BORON 11 TARGET; MEV RANGE 01-10; GEV RANGE 01-10; EXCITATION; EXPERIMENTAL DATA

Pulsed power supply system of ionizing radiation detectors based on solar energy S14

Maksimkin, A.I.; Bryshev, G.K.; Rod'ko, I.I.; Gubina, T.V. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)); Semenenko, A.N. (Natsional'nyj Issledovatel'skij Univ. VShEh, Moscow (RU)), e-mail: avian4uk@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Sistema impul'snogo pitaniya detektorov ioniziruyushchego izlucheniya ot solnechnoj ehnergii p. 31-32

(RU)

1 ref.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

RADIATION MONITORS; RADIATION DETECTORS; SOLAR CELL ARRAYS;
PHOTOVOLTAIC POWER SUPPLIES; BENCH-SCALE EXPERIMENTS; EXPERIMENTAL
DATA

Experimental study of axial distribution of neutron field in mobile bench for measurement of residual content of fissionable isotopes in spent fuel assemblies S11

Nauruzbaev, D.K.; Kozhin, A.F. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: Dosbol_ndk@mail.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Ehksperimental'noe issledovanie aksial'nogo raspredeleniya polya nejtronov v mobil'nom stende dlya izmereniya ostatochnogo sodержaniya delyashchikhsya izotopov v otrabotavshikh TVS p. 33

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

SPENT FUEL ELEMENTS; SPENT FUELS; FISSIONABLE MATERIALS; NUCLEAR MATERIALS MANAGEMENT; CONCENTRATION RATIO; NEUTRON FLUX; NEUTRON DETECTION; DELAYED NEUTRON ANALYSIS; EFFICIENCY; EXPERIMENTAL DATA

About architecture of information and measurement systems for standard facilities

S61

Panasenko, R.A.; Baryshev, G.K.; Berestov, A.V.; Kudryavtsev, E.M.; Ostrovskij, V.R.; Varyatchenko, E.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: panasenko.roman@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Ob arkhitekture informatsionno-izmeritel'nykh sistem dlya ehtalonnykh ustanovok

p. 34-35

(RU)

2 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

RADIATION MONITORING; REAL TIME SYSTEMS; COMPUTER ARCHITECTURE; ON-LINE MEASUREMENT SYSTEMS; ABSORBED RADIATION DOSES; DOSE RATES; STANDARDS; GAMMA RADIATION; CALORIMETERS; ACCURACY; DATA ACQUISITION SYSTEMS; PROGRAMMING

Yield of charged particles in stopped pion absorption reaction

S73

Pritula, R.V.; Korotkova, L.Yu.; Leonova, T.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: rvpritula@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Vykhody zaryazhennykh chastits v reaktsii pogloshcheniya ostanovivshikhsya pionov

p. 36

(RU)

3 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

PION REACTIONS; NUCLEAR REACTION YIELD; LITHIUM 7 TARGET; SILICON 28 TARGET; CALCIUM 40 TARGET; TIN 114 TARGET; THULIUM 169 TARGET; TANTALUM 181 TARGET; BISMUTH 209 TARGET; PROTONS; DEUTERONS; TRITONS; HELIUM 3; MASS NUMBER; ENERGY SPECTRA; MEV RANGE 10-100; PICKUP REACTIONS; KNOCK-OUT REACTIONS; MATHEMATICAL MODELS; THEORETICAL DATA

Shielding properties of multilayer magnetic cylindrical shields

S36

N'yunt, P.V.; Vlasik, K.F.; Grachev, V.M. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: phyowainyunt@gmail.com (and others)

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Ehkraniruyushchie svoystva mnogoslojnykh magnitnykh tsilindricheskikh ehkranov

p. 37

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

SHIELDING MATERIALS; LAYERS; NICKEL; IRON; COPPER; MAGNETIC SHIELDING; MAGNETIC FIELDS; EFFICIENCY; THICKNESS; EXPERIMENTAL DATA

Simulation of xenon gamma-spectrometer for analysis of radioactive materials

S46;S12

P'ya, S.N.; Vlasik, K.F.; Grachev, V.M.; Dmitrenko, V.V.; Novinkov, A.S.; Ulin, S.E.; Uteshev, Z.M.; Chernysheva, I.V.; Shustov, A.E. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: gypsy30@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Modelirovanie ksenonovogo gamma spektrometra dlya analiza radioaktivnykh materialov

p. 38

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

GAMMA SPECTROMETERS; XENON; ENERGY RESOLUTION; MEV RANGE 01-10; EFFICIENCY; GAMMA SPECTRA; COMPUTERIZED SIMULATION; FEASIBILITY STUDIES; ENERGY DEPENDENCE; RADIOACTIVE WASTES; ISOTOPE RATIO; EUROPIUM 152; THEORETICAL DATA

Criteria selection for the photon + jet-process in scattering processes

S72

Romanenkova, E.V.; Skachkov, N.B. (OIYaI, Dubna (XJ)), e-mail: evrom@jinr.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Otbor kriterij dlya protsessa foton + struya v sobytijakh rasseyaniya

p. 39-40

(RU)

2 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

JET MODEL; HYDROGEN 1 TARGET; PROTON REACTIONS; POLARIZED BEAMS; TEV RANGE 01-10; FERMILAB TEVATRON; CALIBRATION; PROTON-PROTON INTERACTIONS; SCATTERING; PHOTONS; MULTIPLE PRODUCTION; TRANSVERSE MOMENTUM; SHOWER COUNTERS; COMPUTERIZED SIMULATION; THEORETICAL DATA

Development of gamma detector based on LaBr₃(Ce) scintillation crystal for neutron capture therapy (NCT)

S62;S46

Smirnova, M.O.; Novikov, A.S.; Sudoplatova, I.A.; Ulin, S.E.; Shustov, A.E.; Khaliullin, M.Kh. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: mariko876@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Razrabotka gamma-detektora na osnove stsintillyatsionnogo kristalla LaBr₃(Ce) dlya nejtronno-zakhvatnoj terapii (NZT)

p. 41-42

(RU)

1 fig.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

NUCLEAR MEDICINE; NEUTRON CAPTURE THERAPY; ABSORBED RADIATION DOSES; GAMMA DETECTION; SOLID SCINTILLATION DETECTORS; THERMAL NEUTRONS; NEOPLASMS; GAMMA DOSIMETRY; RADIOPHARMACEUTICALS; BROMOSULFOPHTHALEIN; LANTHANUM BROMIDES; FLOWSHEETS; PILOT PLANTS; EXPERIMENTAL DATA

Justification of WWER-1000 reactor-type fueling in closed fuel cycle

S21

Khashlamun Takha, M.R. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: tahahlamoon@yahoo.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Obosnovanie toplivnoj zagruzki reaktora tipa VVEhR-1000 pri rabote v zamknutom toplivnom tsikle

p. 43-44

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

NOVOVORONEZH-5 REACTOR; REACTOR FUELING; FUEL MANAGEMENT; URANIUM RECYCLE; BURNUP; MIXED OXIDE FUELS; URANIUM 235; URANIUM 236; ISOTOPE RATIO; FUEL ASSEMBLIES; G CODES; SPENT FUEL ELEMENTS; SPENT FUELS; EFFICIENCY

Energy release of inclined muon groups in Cherenkov water detector NEVOD S46

Kovylyaeva, E.A.; Bogdanov, A.G.; Dushkin, L.I.; Kokulin, R.P.; Khomyakov, V.A.; Khokhlov, S.S.; Shutenko, V.V.; Yashin, I.I.; Petrukhin, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: E.A.Kovyliaeva@mail.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Ehnergovydelenie naklonnykh grupp myuonov v cherenkovskom vodnom detektore NEVOD p. 45-46

(RU)

4 refs., 2 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

MUON DETECTION; CHERENKOV COUNTERS; EXTENSIVE AIR SHOWERS; PHOTOMULTIPLIERS; WATER; STREAMER SPARK CHAMBERS; SHOWER COUNTERS; COSMIC MUONS; INCLINATION; SPACE DEPENDENCE; DIAGRAMS; EXPERIMENTAL DATA

Decay of dark atom components and excess of cosmic positrons

S79

Laletin, M.N.; Belitskij, K.M. (NIYaU MIFI, Moscow (RU)), e-mail: mnlaletin@mail.ru; Kouvaris, C. (Univ. of Southern Denmark, Odense (DK)); Khlopov, M.Yu. (NIYaU MIFI, Moscow (RU); APC Lab., Paris (FR))

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Raspad sostavlyayushchikh temnogo atoma i izbytok kosmicheskikh pozitronov

p. 47-50

(RU)

32 refs., 2 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference.

Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

NONLUMINOUS MATTER; COSMOLOGY; ASTROPHYSICS; UNIVERSE; COSMIC POSITRONS; WEAK INTERACTIONS; QUARKS; SU-2 GROUPS; STRONG-COUPLED MODEL; HELIUM; WEAK PARTICLE DECAY; GEV RANGE 100-1000; SPECTRA; THEORETICAL DATA

Measurement of absorbed doses of cosmic ionizing radiation by means of thermoluminescent detectors on the BION-M -1 satellite

S63

Dovgopolaya, E.A. (NIYaU MIFI, Moscow (RU); GNTs RF IMBP RAN, Moscow (RU)), e-mail: e.a.dovg@yandex.ru; Kartsev, I.S.; Tolochev, R.V.; Shurshakov, V.A. (GNTs RF IMBP RAN, Moscow (RU))

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Izmerenie pogloshchennykh doz kosmicheskogo ioniziruyushchego izlucheniya s pomoshch'yu termolyuminescentnykh detektorov na sputnike BION-M nom. 1

p. 51-52

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference.

Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

RADIOBIOLOGY; BIOLOGICAL RADIATION EFFECTS; BIOSATELLITES; ABSORBED RADIATION DOSES; COSMIC RADIATION; THERMOLUMINESCENT DOSEMETERS; DEPTH DOSE DISTRIBUTIONS; EXPERIMENTAL DATA

To problem of realizable ability of the project of development of positron jet engine

S42

D'yakova, E.V.; Vasil'ev, S.A.; Samsonov, V.M. (Tverskoj Gosudarstvennyj Univ., Kafedra Teoreticheskoy Fiziki, Tver' (RU)), e-mail: e-v-dyakova@yandex.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

K voptosu o realizuemosti proekta sozdaniya pozitronnogo reaktivnogo raketnogo dvigatelya p. 53-54

(RU)

3 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

JET ENGINE FUELS; THRUSTERS; HYDROGEN; WATER; JETS; FLUID FLOW; THERMODYNAMICS; EVAPORATION; LINEAR MOMENTUM; POSITRONS; LEAD; TUNGSTEN; SPACE VEHICLES; FEASIBILITY STUDIES; THEORETICAL DATA

Study of evolution and interaction of magnetoacoustic and Alfvén waves in acoustically active media

S79

Zavershinskij, D.I.; Malevich, N.E. (Samarskij Gosudarstvennyj Aehrokosmicheskij Univ. im. S.P. Koroleva (Natsional'nyj Issledovatel'skij Univ.), Samara (RU); Samarskij Filial Uchrezhdeniya Rossijskoj Akademii Nauk Fizicheskogo Inst. im. P.N. Lebedeva RAN, Samara (RU)), e-mail: dimanzav@mail.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Issledovanie ehvolyutsii i vzaimodejstviya magnitoakusticheskikh i al'fvenovskikh voln v akusticheski aktivnykh sredakh

p. 55-56

(RU)

3 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

MAGNETOACOUSTIC WAVES; MAGNETOACOUSTICS; ALFVEN WAVES; PLASMA; MAGNETOHYDRODYNAMICS; DISTURBANCES; WAVE PROPAGATION; TIME DEPENDENCE; DISPERSION RELATIONS; SOLAR ATMOSPHERE; PLASMA INSTABILITY; MAGNETIC FIELDS; ASTROPHYSICS; THEORETICAL DATA

Taking into account of temperature distribution of atmosphere in muon hodoscope data by means of the installation Alisa-SK

S46

Kovylyaeva, A.A.; Barbashina, N.S.; Dmitrieva, A.N.; Chernov, D.V.; Shutenko, V.V.; Yakovleva, E.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: A.A.Kovylyaeva@mail.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Uchet temperaturnogo razreza atmosfery v dannykh myuonnykh godoskopov s ispol'zovaniem Alisa-SK

p. 57-58

(RU)

3 refs., 3 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

EARTH ATMOSPHERE; AIR; TEMPERATURE DEPENDENCE; HODOSCOPES; MUON DETECTION; COSMIC MUONS; PRESSURE DEPENDENCE; PRESSURE RANGE KILO PA; PRESSURE RANGE PA; COUNTING RATES; CORRECTIONS; DIAGRAMS; EXPERIMENTAL DATA

Simulation of quantum relativistic harmonic oscillator

S71

Larkin, A.S.; Filinov, V.S. (Ob''edinennyj Inst. Vysokikh Temperatur RAN, Moscow (RU)), e-mail: alexanderlarkin@rambler.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya

shkola-konferentsiya

Modelirovanie kvantovogo relyativistskogo garmonicheskogo ostsillyatora

p. 59-60

(RU)

3 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N.

Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference.

Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

HARMONIC OSCILLATORS; QUANTUM MECHANICS; WIGNER DISTRIBUTION; HAMILTONIAN FUNCTION; DISTRIBUTION FUNCTIONS; THERMODYNAMIC PROPERTIES; PATH INTEGRALS; GROUND STATES; TEMPERATURE DEPENDENCE; DIAGRAMS; SIMULATION; THEORETICAL DATA

Interaction of model kinks at low energy

S71;S97

Lizunova, M.A.; Gani, V.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU);

Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Inst. Teoreticheskoy i

Ehksperimental'noj Fiziki, Moscow (RU)), e-mail: mary.lizunova@gmail.com; Kudryavtsev, A.E.

(Natsional'nyj Issledovatel'skij Tsentr Kurchatovskij Inst., Inst. Teoreticheskoy i

Ehksperimental'noj Fiziki, Moscow (RU))

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Vzaimodejstvie kinkov modeli pri nizkikh ehnergiyakh

p. 61-62

(RU)

4 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N.

Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference.

Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

TOPOLOGY; EQUATIONS OF MOTION; LORENTZ INVARIANCE; BOUND STATE; APPROXIMATIONS; VELOCITY; SIMULATION; THEORETICAL DATA

Electron-positron pair production by hard photon in monocrystals

S75

Mulyarchik, E.I.; Kalashnikov, N.P. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: kot-rin@inbox.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Rozhdenie ehlektron-pozitronnykh par zhestkim fotonom v monokristallakh

p. 63-64

(RU)

4 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

PAIR PRODUCTION; ELECTRONS; POSITRONS; MONOCRYSTALS; PHOTONS; FEYNMAN DIAGRAM; CHANNELING; CROSS SECTIONS; THEORETICAL DATA

Correlation of kaons with small relative impulse in the experiment SELEX

S72

Nigmatkulov, G.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU)), e-mail: nigmatkulov@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Korrelyatsii kaonov s malym odnositel'nym impul'som v ehksperimente SELEX

p. 65

(RU)

6 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

KAONS MINUS; KAONS PLUS; CORRELATIONS; PARTICLE INTERACTIONS;
TRANSVERSE MOMENTUM; TEV RANGE; THEORETICAL DATA

Stability of the Rankine vortex with axial flow and density jump

S42

Sugak, S.S.; Zavershinskij, I.P. (SGAU im. S.P. Koroleva (Nauchno-Issledovatel'skij Univ.), Samara (RU)); Malevich, N.E. (SGAU im. S.P. Koroleva (Nauchno-Issledovatel'skij Univ.), Samara (RU)); Samarskij Filial Uchrezhdeniya Rossijskoj Akademii Nauk Fizicheskogo Inst. im. P.N. Lebedeva RAN, Samara (RU)), e-mail: samasss@mail.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Ustojchivost' vikhrya Rehnkina s aksial'nym potokom i skachkom plotnosti

p. 66-67

(RU)

3 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

VORTEX FLOW; GAS FLOW; DENSITY; CONTINUITY EQUATIONS; HEAT TRANSFER; RANKINE CYCLE; DISPERSION RELATIONS; HELMHOLTZ INSTABILITY; COMPUTERIZED SIMULATION; THEORETICAL DATA

Features of radiopulsars with radiation outside radiowave radiation range

S79

Timirkeeva, M.A. (Pushchinskaya Radioastronomicheskaya Observatoriya AKTs FIAN, Pushchino (RU)); Pushchinskij Gosudarstvennyj Estestvenno-Nauchnyj Inst., Pushchino (RU)); Malov, I.F. (Pushchinskaya Radioastronomicheskaya Observatoriya AKTs FIAN, Pushchino (RU)), e-mail: marika-ko@yandex.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Osobennosti radiopul'sarov s izlucheniem vne radiodiapazona

p. 68

(RU)

3 refs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

ASTROPHYSICS; PULSARS; GAMMA RADIATION; STELLAR MAGNETOSPHERES; INDUCTION; ENERGY LOSSES; SPATIAL DISTRIBUTION

High-energy cascades in the Cherenkov water detector NEVOD

S46;S79

Khomyakov, V.A.; Kokulin, R.P.; Petrukhin, A.A.; Khokhlov, S.S.; Yashin, I.I. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Nauchno-Obrazovatel'nyj Tsentr NEVOD, Moscow (RU)), e-mail: VAKhomyakov@mephi.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Vysokoenergeticheskie kaskady v ChVD NEVOD

p. 69-70

(RU)

2 refs., 1 fig.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

COSMIC RAY DETECTION; SHOWER COUNTERS; CHARGED PARTICLE DETECTION; CHERENKOV COUNTERS; PHOTOMULTIPLIERS; MUON DETECTION; CASCADE SHOWERS; COSMIC SHOWERS; SPECTRA UNFOLDING; PATTERN RECOGNITION; ENERGY SPECTRA; ACCURACY; EXPERIMENTAL DATA

Acceleration of numerical solution of radiation transport equation for multilayer

media

S97

Shagalov, O.V.; Budak, V.P. (NIU MEhI, Moscow (RU)), e-mail: ShagalovOV@gmail.com

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Uskorenie chislennogo resheniya uravneniya perenosa izlucheniya dlya mnogoslojnykh sred p. 71-72

(RU)

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference.

Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

RADIATION TRANSPORT; DISCRETE ORDINATE METHOD; LAYERS; TRANSMISSION; MATTER; MATHEMATICAL MODELS; MATRICES; PROPAGATOR; INVARIANCE PRINCIPLES; NUMERICAL SOLUTION; THEORETICAL DATA

Study of amplitude spectra of cascade Forbush decreases according to the muon hodoscope URAGAN

S79

Yakovleva, E.I.; Barbashina, N.S.; Dmitrieva, A.N.; Kovylyaeva, A.A.; Mishutina, N.S.; Sit'ko, O.A.; Petrukhin, A.A. (Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Nauchno-Obrazovatel'nyj Tsentr NEVOD, Moscow (RU)), e-mail: EIYakovleva@mephi.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Issledovanie amplitudnykh spektrov kaskadnykh forbush-ponizhenij po dannym MG URAGAN p. 73-75

(RU)

4 refs., 2 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference.

Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

FORBUSH DECREASE; SUN; SOLAR ACTIVITY; COSMIC RAY DETECTION; MUON DETECTION; COSMIC MUONS; HODOSCOPES; GEV RANGE 01-10; GEV RANGE 10-100; ENERGY SPECTRA; ANGULAR DISTRIBUTION; ASTROPHYSICS; AMPLITUDES; EXPERIMENTAL DATA

Improvement of design of elastic couplings and increase of their compensate ability

S36

Goncharova, N.A.; Parshukova, N.Yu.; Korobejnikov, K.A. (Snezhinskij Fiziko-Tekhnicheskij Inst. NIYaU MIFI, Snezhinsk (RU)), e-mail: p.i.e@yandex.ru

Actual problems of physics and technology. III International youth scientific school-conference

Moscow (RU)

10-13 Apr 2014

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya

Uovershensvovanie konstruksii uprugikh muft i uvelichenie ikh kompensiruyushchej sposobnosti

p. 76-78

(RU)

3 refs., 2 figs.

Natsional'nyj Issledovatel'skij Yadernyj Univ. MIFI, Moscow (RU); Fizicheskij Inst. im. P.N. Lebedeva RAN, Moscow (RU)

Actual problems of physics and technology. III International youth scientific school-conference. Book of abstracts

Sovremennye problemy fiziki i tekhnologij. III Mezhdunarodnaya molodezhnaya nauchnaya shkola-konferentsiya. Tezisy dokladov

ISBN 978-5-7262-1984-4

Moscow (RU)

NIYaU MIFI

2014

352 p.

COUPLINGS; TORSION; MECHANICAL PROPERTIES; STEELS; RUBBERS; ELASTICITY; DESIGN; RELIABILITY; VULCANIZATION; DIAGRAMS; EXPERIMENTAL DATA
