

*Author Index**Functional Materials Vol. 14, № 1–4*

- Adonkin G.T.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321
- Ageev L.A.** – Thermostimulated implantation of nanoscaled Ag particles into a quartz glass using a CO₂ laser beam L.A.Ageev, V.K.Miloslavsky, E.D.Makovetsky, K.S.Beloshenko, A.V.Stronsky 1 24
- Ageev L.A.** – Self-diffraction effect observation and recording the holographic one-dimensional and two-dimensional gratings in thin photosensitive films L.A.Ageev, K.S.Beloshenko, E.D.Makovetsky, V.K.Miloslavsky 3 290
- Aktan O.Yu.** – The method of determination of material shear elasticity in the course of its solidification O.Yu.Aktan, O.S.Svechnikova, T.Yu.Nikolaenko 1 146
- Ananenko A.** – CsI(Tl) films: deposition, examination of structure and scintillation A.Lebedinsky, A.Fedorov, A.Ananenko, P.Mateychenko 1 42
- Andrievskaya N.F.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Antonenko A.M.** – The mechanism of the defect centers influence on the paraelectric-to-incommensurate phase transition in rubidium-potassium zinc chloride crystals M.P.Trubitsyn, A.M.Antonenko 1 53
- Antonova V.A.** – Optimization of base crystals for silicon solar cells of various destinations M.V.Kirichenko, I.T.Tymchuk, V.A.Antonova, N.P.Klochko, V.R.Kopach, A.M.Listratenko 1 61
- Antonova V.A.** – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Listratenko 4 555
- Azhazha R.V.** – Structure and stress state of ion-plasma hafnium condensates A.S.Vus, S.V.Malykhin, A.T.Pugachev, E.N.Reshetnyak, R.V.Azhazha, K.V.Kovtun 2 204
- Babich M.G.** – Thermomagnetic studies of thermoexfoliated graphite-transition metal composites L.L.Vovchenko, M.G.Babich, M.I.Zakharenko, A.I.Brusilovets, L.M.Kapitanchuk 3 378
- Badiyan E.E.** – Crystallographic regularities of main crack origination and development in two-dimensional aluminum polycrystals E.E.Badiyan, A.G.Tonkopyrad, O.V.Shekhovtsov, R.V.Shurinov 2 249
- Bagmut A.G.** – Autoepitaxy and the main orientational relations at crystallization out of amorphous state in Cr–O and V–O films A.G.Bagmut, V.A.Zhuchkov, D.V.Melnichenko 3 351
- Bairachnaya T.** – Electrochemical synthesis of catalytic active alloys T.Nenastina, T.Bairachnaya, M.Ved, V.Shtefan, N.Sakhnenko 3 395
- Bairachnaya T.** – New approach to catalytic Co–W alloy electrodeposition M.Ved, V.Shtefan, T.Bairachnaya, N.Sakhnenko 4 580
- Bajrachnyj B.I.** – Anodic behavior of passive metals and their alloys in chloride solutions V.V.Tovkes, O.L.Smirnova, B.I.Bajrachnyj 3 365
- Bakhtinov A.P.** – Peculiarities of the PbTe nano-islet formation on BaF₂ substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Barannik S.V.** – The application of the free boundary condition to the problem of binary smelt crystallization V.N.Kanischev, S.V.Barannik 3 327
- Baturin A.A.** – Multilayer X-ray mirrors Mo–B₄C — new crystals-analyzers for wavelength range of 5 to 12 Å I.A.Kopylets, A.A.Baturin, I.F.Mikhailov 3 392
- Baumer V.N.** – XRD and impedance spectroscopy study of phase transitions in nanocrystalline Li–Mn spinels D.V.Lisovyskiy, V.N.Baumer 4 468
- Baumer V.N.** – Synthesis of (Ca,Cu)_(1-3x/2)N_xTiO₃ solid solutions (N = Bi, La) E.A.Vovk, V.M.Ishchuk, T.G.Deineka, V.N.Baumer, Z.P.Sergienko, A.A.Kozlovskiy 3 338
- Bedrik A.I.** – Liquid crystal formation in mixtures of metal alkanoates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Shershukov, L.N.Lisetski, T.A.Mirnaya 4 488
- Bedryk A.I.** – Study of spectral and luminescence properties and association in hydrocarbon solvents of stilbene and distyrylbenzene derivatives V.M.Shershukov, A.I.Bedryk, A.O.Doroshenko 2 252
- Belkin F.V.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187

- Beloshenko K.S.** – Thermostimulated implantation of nanoscaled Ag particles into a quartz glass using a CO₂ laser beam L.A.Ageev, V.K.Miloslavsky, E.D.Makovetsky, K.S.Beloshenko, A.V.Stronsky 1 24
- Beloshenko K.S.** – Self-diffraction effect observation and recording the holographic one-dimensional and two-dimensional gratings in thin photosensitive films L.A.Ageev, K.S.Beloshenko, E.D.Makovetsky, V.K.Miloslavsky 3 290
- Belyaev B.V.** – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov 1 109
- Belyakova L.A.** – Adsorption of cholic acid on silica modified with benzyltrimethylammonium groups N.V.Roik, L.A.Belyakova, A.M.Varvarin 1 68
- Berezovskaya A.A.** – Influence of the director anchoring energy on a light induced Freedericksz transition threshold in the bounded light beams A.A.Berezovskaya, S.N.Yezhov, M.F.Ledney, I.P.Pinkevych 4 510
- Berzhansky V.N.** – Parametric interaction in the Terfenol-D based magnetostrictive composite and nickel ferrite V.V.Rudenko, V.N.Berzhansky, S.N.Polulyakh, P.Pernod, V.L.Preobrazhensky 2 218
- Bezhenar M.P.** – Physico-mechanical and physicochemical interaction at sintering of cBN-TiB₂ composites under ultrahigh pressure T.O.Garbuz, M.P.Bezhenar, S.A.Bozhko, N.M.Bilyavina 1 130
- Bilyavina N.M.** – Physico-mechanical and physicochemical interaction at sintering of cBN-TiB₂ composites under ultrahigh pressure T.O.Garbuz, M.P.Bezhenar, S.A.Bozhko, N.M.Bilyavina 1 130
- Bokoch S.M.** – Short-range atomic order in f.c.c.-Ni-9 at.% Al solid solution S.M.Bokoch, M.P.Kulish, V.V.Ryashko, O.V.Snagovskiy, V.A.Tatarenko 1 92
- Bomko V.A.** – Production of nano-pore track membranes based on PET films irradiated by Ar ions V.A.Bomko, A.F.Burban, A.F.Kobets, A.Kryshthal, I.V.Vorobyova, B.V.Zajtsev 4 562
- Bondar V.G.** – Effect of growth atmosphere on Ce³⁺ incorporation in Gd₂SiO₅ single crystals V.G.Bondar, V.I.Krivoshein, V.P.Martynov, L.L.Nagornaya, O.Ts.Sidletskiy 4 546
- Bondarenko A.V.** – Excess conductivity and pseudogap state in YBa₂Cu_{3-y}Al_yO_{7-δ} single crystals with a system of unidirectional twin boundaries R.V.Vovk, M.A.Obolenskii, A.V.Bondarenko 1 32
- Bondarenko A.V.** – Superconductivity suppression at twin boundaries and longitudinal and transversal transport anisotropy in oxygen deficient YBa₂Cu₃O_{7-x} single crystals R.V.Vovk, M.A.Obolenskii, A.A.Zavgorodniy, A.V.Bondarenko, I.L.Goulatis, N.N.Chebotaev 3 302
- Bondarenko S.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Bozhko S.A.** – Physico-mechanical and physicochemical interaction at sintering of cBN-TiB₂ composites under ultrahigh pressure T.O.Garbuz, M.P.Bezhenar, S.A.Bozhko, N.M.Bilyavina 1 130
- Brus B.** – The relaxation phenomena in irradiated PZT type piezoceramics R.Zachariasz, J.Ilczuk, B.Brus 1 114
- Brus B.** – Influence of domain structure on relaxation phenomena in the PZT ceramic B.Brus, J.Ilczuk, A.Zarycka, M.Czerwiec 1 120
- Brusilovets A.I.** – Thermomagnetic studies of thermoexfoliated graphite-transition metal composites L.L.Vovchenko, M.G.Babich, M.I.Zakharenko, A.I.Brusilovets, L.M.Kapitanchuk 3 378
- Budnikov A.T.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321
- Budnikov A.T.** – Structure perfection of bulk and near-surface layers in sapphire single crystals V.F.Tkachenko, V.M.Puzikov, A.Ya.Dan'ko, A.T.Budnikov, O.A.Lukienko 4 550
- Bugayev Ye.A.** – Nanoscale Co/C multilayers for "carbon window" Schwarzschild objective Ye.A.Bugayev, A.Yu.Devizenko, E.N.Zubarev, V.V.Kondratenko 4 573
- Burban A.F.** – Production of nano-pore track membranes based on PET films irradiated by Ar ions V.A.Bomko, A.F.Burban, A.F.Kobets, A.Kryshthal, I.V.Vorobyova, B.V.Zajtsev 4 562
- Busko T.O.** – Photocatalysis by TiO₂ films at structure relaxation O.P.Dmytrenko, N.P.Kulish, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Chebotaev N.N.** – Superconductivity suppression at twin boundaries and longitudinal and transversal transport anisotropy in oxygen deficient YBa₂Cu₃O_{7-x} single crystals R.V.Vovk, M.A.Obolenskii, A.A.Zavgorodniy, A.V.Bondarenko, I.L.Goulatis, N.N.Chebotaev 3 302
- Chornodolsky Ya.** – Luminescence modification of CsI crystal activated by CsCl impurity A.Voloshinovskii, S.Myagkota, Ya.Chornodolsky, G.Stryganyuk 2 177
- Chroneos A.I.** – Aluminium-vacancy complexes in Ge_{1-x}C_x A.I.Chroneos, I.L.Goulatis 3 362
- Czerwiec M.** – Influence of domain structure on relaxation phenomena in the PZT ceramic B.Brus, J.Ilczuk, A.Zarycka, M.Czerwiec 1 120
- Dabrowski A.** – Mesoporous SBA-15 silica modified with calix[4]arene and β-cyclodextrin O.V.Kuchma, Yu.L.Zub, A.Dabrowski, O.Solcova 3 369
- Dan'ko A.Ya.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321

- Dan'ko A.Ya.** – Structure perfection of bulk and near-surface layers in sapphire single crystals V.F.Tkachenko, V.M.Puzikov, A.Ya.Dan'ko, A.T.Budnikov, O.A.Lukienko 4 550
- Dan'ko A.Ya.** – Phase transformations at reduction of corundum A.Ya.Dan'ko, M.A.Rom, N.S.Sidelnikova, Kh.Sh.Kaltaev, S.V.Nizhankovsky, A.I.Fedorov 4 460
- Danilenko I.A.** – X-ray photoelectron spectroscopy of nanopowders of $ZrO_2\text{-}Y_2O_3\text{-}Cr_2O_3$ compounds A.M.Korduban, I.A.Yashchishyn, T.E.Konstantinova, I.A.Danilenko, G.K.Volkova, V.A.Glazunova 4 454
- Deineka T.G.** – Synthesis of $(Ca,Cu)_{(1-3x/2)}N_xTiO_3$ solid solutions (N = Bi, La) E.A.Vovk, V.M.Ishchuk, T.G.Deineka, V.N.Baumer, Z.P.Sergienko, A.A.Kozlovskiy 3 388
- Devizenko A.Yu.** – Nanoscale Co/C multilayers for "carbon window" Schwarzschild objective Ye.A.Bugayev, A.Yu.Devizenko, E.N.Zubarev, V.V.Kondratenko 4 573
- Dmytrenko O.P.** – Photocatalysis by TiO_2 films at structure relaxation O.P.Dmytrenko, N.P.Kulish, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Doroshenko A.O.** – Study of spectral and luminescence properties and association in hydrocarbon solvents of stilbene and distyrylbenzene derivatives V.M.Sher-shukov, A.I.Bedryk, A.O.Doroshenko 2 252
- Dotsenko V.P.** – Luminescent properties and stability of Eu^{2+} ions in $SrBPO_5$ and $SrAl_2B_2O_7$ P.V.Pir, V.P.Dotsenko, N.P.Efryushina, Z.D.Klimenko 1 57
- Drozdov A.N.** – The structure and nanoindentation of C_{60} films V.E.Pukha, A.N.Drozdov, A.T.Pugachev, S.N.Dub 2 209
- Druzhinin A.A.** – Magnetoresistance and magnetic susceptibility of doped Si-Ge whiskers A.A.Druzhinin, I.P.Östrovskii, Yu.R.Kogut, J.K.Warchulska 4 480
- Dub S.N.** – The structure and nanoindentation of C_{60} films V.E.Pukha, A.N.Drozdov, A.T.Pugachev, S.N.Dub 2 209
- Dub S.N.** – Elasticity module and hardness of niobium and tantalum anode oxide films S.N.Dub, V.V.Starikov 3 347
- Dubrovin I.V.** – Cryogenic synthesis of nanodimensional magnetite P.P.Gorbyk, I.V.Dubrovin, M.M.Filonenko 1 77
- Efimova S.L.** – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk 2 228
- Efryushina N.P.** – Luminescent properties and stability of Eu^{2+} ions in $SrBPO_5$ and $SrAl_2B_2O_7$ P.V.Pir, V.P.Dotsenko, N.P.Efryushina, Z.D.Klimenko 1 57
- Eremenko A.M.** – Photocatalysis by TiO_2 films at structure relaxation O.P.Dmytrenko, N.P.Kulish, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Fedorov A.** – CsI(Tl) films: deposition, examination of structure and scintillation A.Lebedinsky, A.Fedorov, A.Ananenko, P.Mateychenko 1 42
- Fedorov A.I.** – Phase transformations at reduction of corundum A.Ya.Dan'ko, M.A.Rom, N.S.Sidelnikova, Kh.Sh.Kaltaev, S.V.Nizhankovsky, A.I.Fedorov 4 460
- Fedoryako A.P.** – Rotational viscosity of induced smectic C* phase of liquid crystal E.V.Popova, A.P.Fedoryako, V.V.Vashchenko, L.A.Kutulya 4 485
- Fesenko O.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Filonenko M.M.** – Cryogenic synthesis of nanodimensional magnetite P.P.Gorbyk, I.V.Dubrovin, M.M.Filonenko 1 77
- Freik D.M.** – Dominant point defects in doped cadmium telluride $CdTe:Ge$ D.M.Freik, U.M.Pysklynets, L.Y.Mezhylovska 2 181
- Gabelkov S.V.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Ganina I.I.** – Control of energy storage of $Lu_2SiO_5:Ce^{3+}$ nanocrystals by co-activation A.A.Masalov, O.G.Vyagin, I.I.Ganina, Yu.N.Velikhov, Yu.V.Malyukin 3 313
- Garapyn I.** – Radiation-induced processes and defects in purified CsI crystals I.Garapyn, B.Pavlyk, B.Tsybulyak 3 309
- Garbuz T.O.** – Physico-mechanical and physicochemical interaction at sintering of cBN-TiB₂ composites under ultrahigh pressure T.O.Garbuz, M.P.Bezhenar, S.A.Bozhko, N.M.Bilyavina 1 130
- Gavrik A.** – Light scattering in the plastic scintillator N.Khlapova, Ya.Shpilevoy, V.Senchyshyn, A.Gavrik, V.Lebede 2 243
- Get'man E.I.** – Isomorphic substitution of samarium for strontium in the $Sr_5(VO_4)_3OH$ structure E.I.Get'man, V.I.Marchenko, S.N.Loboda, N.V.Yablochkova, L.Plehev 3 317
- Getman O.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylykiv, O.Getman, Y.Sakka 4 430
- Glazunova V.A.** – X-ray photoelectron spectroscopy of nanopowders of $ZrO_2\text{-}Y_2O_3\text{-}Cr_2O_3$ compounds A.M.Korduban, I.A.Yashchishyn, T.E.Konstantinova, I.A.Danilenko, G.K.Volkova, V.A.Glazunova 4 454
- Gorbyk P.P.** – Electrophysical properties of polymer composites penton-silver iodide system in 8–12 GHz frequency region M.A.Rokitsky, P.P.Gorbyk, V.V.Levandovsky, S.M.Makhno, O.V.Kondratenko, N.I.Shut 1 125

- Gorbyk P.P.** – Cryogenic synthesis of nano-dimensional magnetite P.P.Gorbyk, I.V.Dubrovin, M.M.Filonenko 1 77
- Gorenko Yu.V.** – Preparation of tungsten crucibles starting from tungsten fluoride Yu.V.Gorenko, A.F.Korzh, L.A.Lytvynov, N.A.Semyonov, N.A.Hovansky, B.M.Shirokov 3 386
- Goriletsky V.I.** – Thermal lag of the growth furnace heating assembly at CsI(Na) crystal growing from constant melt volume on a seed V.I.Goriletsky, V.V.Vasilyev, O.Ts.Sidletskiy, M.M.Tymoshenko, V.I.Sumin 4 541
- Gorobets O.Yu.** – Nonlinear spin waves in antiferromagnets with uniaxial magnetic anisotropy in a magnetic field O.Yu.Gorobets 4 521
- Goulatis I.L.** – Aluminium-vacancy complexes in $Ge_{1-x}C_x$ A.I.Chroneos, I.L.Goulatis 3 362
- Goulatis I.L.** – Superconductivity suppression at twin boundaries and longitudinal and transversal transport anisotropy in oxygen deficient $YBa_2Cu_3O_{7-x}$ single crystals R.V.Vovk, M.A.Obolenskii, A.A.Zavgorodniy, A.V.Bondarenko, I.L.Goulatis, N.N.Chebotayev 3 302
- Grinyov R.S.** – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk 2 228
- Gritskih V.A.** – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov 1 109
- Gryvul V.I.** – Defect formation in diffusive layers of ZnSe:Sn and ZnSe:Mg V.I.Gryvul, V.P.Makhniy, I.V.Tkachenko 3 375
- Guralchuk G.Ya.** – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk 2 228
- Gvozдовskyy I.A.** – Rotation of single crystals of chiral dopants at the top of a nematic droplet: a hydrodynamical analogy I.A.Gvozдовskyy, L.N.Lisetski 3 332
- Hovansky N.A.** – Preparation of tungsten crucibles starting from tungsten fluoride Yu.V.Gorenko, A.F.Korzh, L.A.Lytvynov, N.A.Semyonov, N.A.Hovansky, B.M.Shirokov 3 386
- Ilczuk J.** – The relaxation phenomena in irradiated PZT type piezoceramics R.Zachariasz, J.Ilczuk, B.Brus 1 114
- Ilczuk J.** – Influence of domain structure on relaxation phenomena in the PZT ceramic B.Brus, J.Ilczuk, A.Zarycka, M.Czerwiec 1 120
- Ishchuk V.M.** – Synthesis of $(Ca,Cu)_{(1-3x/2)N_x}TiO_3$ solid solutions (N = Bi, La) E.A.Vovk, V.M.Ishchuk, T.G.Deineka, V.N.Baumer, Z.P.Sergienko, A.A.Kozlovskiy 3 338
- Ivanchenko L.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylykiv, O.Getman, Y.Sakka 4 430
- Jeong W.J.** – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon 4 446
- Kaltaev Kh.Sh.** – Phase transformations at reduction of corundum A.Ya.Dan'ko, M.A.Rom, N.S.Sidelnikova, Kh.Sh.Kaltaev, S.V.Nizhankovsky, A.I.Fedorov 4 460
- Kanischev V.N.** – The application of the free boundary condition to the problem of binary smelt crystallization V.N.Kanischev, S.V.Barannik 3 327
- Kapitanchuk L.M.** – Thermomagnetic studies of thermoeffoliated graphite-transition metal composites L.L.Vovchenko, M.G.Babich, M.I.Zakharenko, A.I.Brussilovets, L.M.Kapitanchuk 3 378
- Kara-Murza S.V.** – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov 1 109
- Kasian N.A.** – Liquid crystal formation in mixtures of metal alkanoates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Shershukov, L.N.Lisetski, T.A.Mirnaya 4 488
- Kasian N.A.** – Spectrophotometry and electrical conductivity studies of multiwall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk 2 233
- Katrunov I.K.** – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk 2 228
- Khlapova N.** – Light scattering in the plastic scintillator N.Khlapova, Ya.Shpilovoy, V.Senchyshyn, A.Gavrik, V.Lebedev 2 243
- Kilimchuk I.V.** – Comparison of different rough surface models for computer simulation of light collection in a scintillator/light guide system I.V.Kilimchuk, V.A.Tarasov 4 505
- Kim W.K.** – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon 4 446
- Kirichenko M.V.** – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Lisratenko 4 555

- Kirichenko M.V.** – Optimization of base crystals for silicon solar cells of various destinations M.V.Kirichenko, I.T.Tymchuk, V.A.Antonova, N.P.Klochko, V.R.Kopach, A.M.Listratenko 1 61
- Klimenko Z.D.** – Luminescent properties and stability of Eu^{2+} ions in SrBPO_5 and $\text{SrAl}_2\text{B}_2\text{O}_7$ P.V.Pir, V.P.Dotsenko, N.P.Efryushina, Z.D.Klimenko 1 57
- Klochko N.P.** – Optimization of base crystals for silicon solar cells of various destinations M.V.Kirichenko, I.T.Tymchuk, V.A.Antonova, N.P.Klochko, V.R.Kopach, A.M.Listratenko 1 61
- Klochko N.P.** – Electrodeposition kinetics, structure and optical properties of cadmium sulfide films N.P.Klochko 2 195
- Klochko N.P.** – Electrodeposition of copper indium diselenide films using pulse plating technique N.P.Klochko 3 343
- Kobets A.F.** – Production of nano-pore track membranes based on PET films irradiated by Ar ions V.A.Bomko, A.F.Burban, A.F.Kobets, A.Kryshstal, I.V.Vorobyova, B.V.Zajtsev 4 562
- Kobzar Yu.L.** – Silicon crystal strength reduction due to magneto-resonance V.A.Makara, A.M.Pogorilyi, L.P.Stebenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Kogut Yu.R.** – Magnetoresistance and magnetic susceptibility of doped Si-Ge whiskers A.A.Druzhinin, I.P.Ostrovskii, Yu.R.Kogut, J.K.Warchulska 4 480
- Kolchenko Iu.L.** – Effect of magnetic field on microhardness of germanium V.A.Makara, L.P.Stebenko, A.M.Kuryliuk, S.M.Naumenko, Iu.L.Kolchenko, V.M.Kravchenko 1 74
- Kolesnikov A.V.** – Problem of the heat radiative conductance in semitransparent media. The approximation of small reflection coefficient A.V.Kolesnikov 2 164
- Kolesnikov A.V.** – Radiative conduction problem in the thin layer of semi-transparent medium. The weak absorption case A.V.Kolesnikov, Yu.P.Virchenko 4 515
- Kolupaeva Z.I.** – Internal structure parameters and synthesis conditions of polycrystalline diamond films S.N.Samsonenko, N.D.Samsonenko, Z.I.Kolupaeva 2 212
- Kolybayeva M.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Kondratenko O.V.** – Electrophysical properties of polymer composites penton-silver iodide system in 8–12 GHz frequency region M.A.Rokitsky, P.P.Gorbyk, V.V.Levandovsky, S.M.Makhno, O.V.Kondratenko, N.I.Shut 1 125
- Kondratenko V.V.** – Nanoscale Co/C multilayers for "carbon window" Schwarzschild objective Ye.A.Bugayev, A.Yu.Devizenko, E.N.Zubarev, V.V.Kondratenko 4 573
- Konstantinova T.E.** – X-ray photoelectron spectroscopy of nanopowders of $\text{ZrO}_2\text{-Y}_2\text{O}_3\text{-Cr}_2\text{O}_3$ compounds A.M.Korduban, I.A.Yashchishyn, T.E.Konstantinova, I.A.Danilenko, G.K.Volkova, V.A.Glazunova 4 454
- Kopach V.R.** – Optimization of base crystals for silicon solar cells of various destinations M.V.Kirichenko, I.T.Tymchuk, V.A.Antonova, N.P.Klochko, V.R.Kopach, A.M.Listratenko 1 61
- Kopach V.R.** – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Listratenko 4 555
- Kopylets I.A.** – Multilayer X-ray mirrors Mo-B₄C – new crystals-analyzers for wavelength range of 5 to 12 Å I.A.Kopylets, A.A.Baturin, I.F.Mikhailov 3 392
- Korduban A.M.** – X-ray photoelectron spectroscopy of nanopowders of $\text{ZrO}_2\text{-Y}_2\text{O}_3\text{-Cr}_2\text{O}_3$ compounds A.M.Korduban, I.A.Yashchishyn, T.E.Konstantinova, I.A.Danilenko, G.K.Volkova, V.A.Glazunova 4 454
- Korshikova T.I.** – Synthesis of strontium tetraborate SrB_4O_7 for single crystal growth T.I.Korshikova, S.V.Parkhomenko, A.V.Tolmachev, R.P.Yavetskiy 2 200
- Kortchikova N.V.** – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov 1 109
- Korz A.F.** – Preparation of tungsten crucibles starting from tungsten fluoride Yu.V.Gorenko, A.F.Korz, L.A.Lytvynov, N.A.Semyonov, N.A.Hovansky, B.M.Shirokov 3 386
- Kosinova A.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Kositsyn S.S.** – Spectrophotometry and electrical conductivity studies of multiwall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk 2 233
- Kovalenko E.N.** – Peculiarities of absorption spectra of solid solutions of $\text{CsAg}_2\text{I}_3\text{-CsCu}_2\text{I}_3$ complex compounds V.K.Miloslavsky, O.N.Yunakova, E.N.Kovalenko 3 283
- Kovtun K.V.** – Structure and stress state of ion-plasma hafnium condensates A.S.Vus, S.V.Malykhin, A.T.Pugachev, E.N.Reshetnyak, R.V.Azhazha, K.V.Kovtun 2 204
- Kozlovskiy A.A.** – Synthesis of $(\text{Ca,Cu})_{(1-3x/2)}\text{N}_x\text{TiO}_3$ solid solutions (N = Bi, La) E.A.Vovk, V.M.Ishchuk, T.G.Deineka, V.N.Baumer, Z.P.Sergienko, A.A.Kozlovskiy 3 338
- Kravchenko V.A.** – Structure and magnetoresistance of freshly condensed three-layer NiFe/Cu(Ag)/NiFe films V.B.Loboda, Yu.A.Shkurdoda, V.A.Kravchenko 1 37

- Kravchenko V.M.** – Effect of magnetic field on microhardness of germanium V.A.Makara, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Iu.L.Kolchenko, V.M.Kravchenko 1 74
- Kravchenko A.I.** – On combination of floating-zone recrystallization with other purification methods A.I.Kravchenko 2 266
- Kravets A.F.** – Silicon crystal strength reduction due to magnetoresonance V.A.Makara, A.M.Pogorilyi, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Krivoshein V.I.** – Effect of growth atmosphere on Ce^{3+} incorporation in Gd_2SiO_5 single crystals V.G.Bondar, V.I.Krivoshein, V.P.Martynov, L.L.Nagornaya, O.Ts.Sidletskiy 4 546
- Kryshstal A.** – Production of nano-pore track membranes based on PET films irradiated by Ar ions V.A.Bomko, A.F.Burban, A.F.Kobets, A.Kryshstal, I.V.Vorobyova, B.V.Zajtsev 4 562
- Kuchma O.V.** – Mesoporous SBA-15 silica modified with calix[4]arene and β -cyclodextrin O.V.Kuchma, Yu.L.Zub, A.Dabrowski, O.Solcova 3 369
- Kuda A.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylkiv, O.Getman, Y.Sakka 4 430
- Kulich M.P.** – Short-range atomic order in f.c.c.-Ni-9 at.% Al solid solution S.M.Bokoch, M.P.Kulich, V.V.Ryashko, O.V.Snagovskiy, V.A.Tatarenko 1 92
- Kulich N.P.** – Photocatalysis by TiO_2 films at structure relaxation O.P.Dmytrenko, N.P.Kulich, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Kurilo A.V.** – Chaotic dynamics of an asymmetric circular billiard with ray splitting V.V.Yanovsky, S.V.Naydyonov, A.V.Kurilo 2 155
- Kuryliuk A.M.** – Effect of magnetic field on microhardness of germanium V.A.Makara, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Iu.L.Kolchenko, V.M.Kravchenko 1 74
- Kuryliuk A.M.** – Silicon crystal strength reduction due to magnetoresonance V.A.Makara, A.M.Pogorilyi, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Kutulya L.A.** – Rotational viscosity of induced smectic C* phase of liquid crystal E.V.Popova, A.P.Fedoryako, V.V.Vashchenko, L.A.Kutulya 4 485
- Kwon S.W.** – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon 4 446
- Lebedev V.** – Light scattering in the plastic scintillator N.Khlapova, Ya.Shpilevoy, V.Senchyshyn, A.Gavrik, V.Lebedev 2 243
- Lebedinsky A.** – $CsI(Tl)$ films: deposition, examination of structure and scintillation A.Lebedinsky, A.Fedorov, A.Ananenko, P.Mateychenko 1 42
- Lebovka N.I.** – Spectrophotometry and electrical conductivity studies of multiwall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk 2 233
- Ledney M.F.** – Influence of the director anchoring energy on a light induced Freedericksz transition threshold in the bounded light beams A.A.Berezovskaya, S.N.Yezhov, M.F.Ledney, I.P.Pinkevych 4 510
- Ledovskaya E.G.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Lee H.-Y.** – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon 4 446
- Lee H.M.** – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon 4 446
- Lee H.J.** – Optical properties of $LiNbO_3:Zn$ and $LiNbO_3:Zn:Nd$ fiber single crystals grown by micro-pulling down method H.J.Lee, J.W.Shur, O.Nakamura, D.H.Yoon 4 536
- Levandovsky V.V.** – Electrophysical properties of polymer composites penton-silver iodide system in 8–12 GHz frequency region M.A.Rokitsky, P.P.Gorbyk, V.V.Levandovsky, S.M.Makhno, O.V.Kondratenko, N.I.Shut 1 125
- Levenets V.V.** – Application of PIXE and PIGE methods for examination of tungsten and rhenium alloys obtained by CVD V.V.Levenets, A.O.Shchur, O.P.Omelnyk, B.M.Shirokov 2 258
- Lisetski L.N.** – Rotation of single crystals of chiral dopants at the top of a nematic droplet: a hydrodynamical analogy I.A.Gvozdevskyy, L.N.Lisetski 3 332
- Lisetski L.N.** – Liquid crystal formation in mixtures of metal alkanoates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Shershukov, L.N.Lisetski, T.A.Mirnaya 4 488
- Lisetski L.N.** – Spectrophotometry and electrical conductivity studies of multiwall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk 2 233

- Lisovytskiy D.V.** – XRD and impedance spectroscopy study of phase transitions in nanocrystalline Li-Mn spinels D.V.Lisovytskiy, V.N.Baumer 4 468
- Listratenko A.M.** – Optimization of base crystals for silicon solar cells of various destinations M.V.Kirichenko, I.T.Tymchuk, V.A.Antonova, N.P.Klochko, V.R.Kopach, A.M.Listratenko 1 61
- Listratenko A.M.** – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Listratenko 4 555
- Lisunova M.O.** – Spectrophotometry and electrical conductivity studies of multi-wall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhik 2 233
- Litvinenko L.M.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Loboda S.N.** – Isomorphic substitution of samarium for strontium in the $Sr_5(VO_4)_3OH$ structure E.I.Get'man, V.I.Marchenko, S.N.Loboda, N.V.Yablochkova, L.Plehev 3 317
- Loboda V.B.** – Structure and magnetoresistance of freshly condensed three-layer NiFe/Cu(Ag)/NiFe films V.B.Loboda, Yu.A.Shkurdoda, V.A.Kravchenko 1 37
- Lukienko O.A.** – Structure perfection of bulk and near-surface layers in sapphire single crystals V.F.Tkachenko, V.M.Puzikov, A.Ya.Dan'ko, A.T.Budnikov, O.A.Lukienko 4 550
- Lukienko O.A.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321
- Lytvyn O.S.** – Peculiarities of the PbTe nano-islet formation on BaF₂ substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Lytvyn P.M.** – Peculiarities of the PbTe nano-islet formation on BaF₂ substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Lytvynov L.A.** – Preparation of tungsten crucibles starting from tungsten fluoride Yu.V.Gorenko, A.F.Korz, L.A.Lytvynov, N.A.Semyonov, N.A.Hovansky, B.M.Shirokov 3 386
- Lytvynov L.A.** – Potentialities for sapphire strength enhancement V.Voloshyn, L.A.Lytvynov, E.V.Slyunin 4 569
- Makara V.A.** – Effect of magnetic field on microhardness of germanium V.A.Makara, L.P.Stebenko, A.M.Kuryliuk, S.M.Naumenko, Iu.L.Kolchenko, V.M.Kravchenko 1 74
- Makara V.A.** – Silicon crystal strength reduction due to magnetoresonance V.A.Makara, A.M.Pogorilyi, L.P.Stebenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Makhniy V.P.** – Defect formation in diffusive layers of ZnSe:Sn and ZnSe:Mg V.I.Gryvul, V.P.Makhniy, I.V.Tkachenko 3 375
- Makhno S.M.** – Electrophysical properties of polymer composites penton-silver iodide system in 8–12 GHz frequency region M.A.Rokitsky, P.P.Gorbyk, V.V.Levandovsky, S.M.Makhno, O.V.Kondratenko, N.I.Shut 1 125
- Makovetsky E.D.** – Thermostimulated implantation of nanoscaled Ag particles into a quartz glass using a CO₂ laser beam L.A.Ageev, V.K.Miloslavsky, E.D.Makovetsky, K.S.Beloshenko, A.V.Stronsky 1 24
- Makovetsky E.D.** – Self-diffraction effect observation and recording the holographic one-dimensional and two-dimensional gratings in thin photosensitive films L.A.Ageev, K.S.Beloshenko, E.D.Makovetsky, V.K.Miloslavsky 3 290
- Malykhin S.V.** – Structure and stress state of ion-plasma hafnium condensates A.S.Vus, S.V.Malykhin, A.T.Pugachev, E.N.Reshetnyak, R.V.Azhazha, K.V.Kovtun 2 204
- Malykhin S.** – Residual stresses in Ti_{41.5}Zr_{41.5}Ni₁₇ quasi-crystalline ribbons measured by X-ray diffraction S.Malykhin 2 223
- Malyukin Yu.V.** – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk 2 228
- Malyukin Yu.V.** – Control of energy storage of Lu₂SiO₅:Ce³⁺ nanocrystals by co-activation A.A.Masalov, O.G.Vyagin, I.I.Ganina, Yu.N.Velikhov, Yu.V.Malyukin 3 313
- Mamay D.V.** – The structural relaxation and anisotropy of the spring-back in metals V.V.Ussov, V.V.Novikov, N.M.Shkatulyak, A.N.Titenkov, D.V.Mamay 1 141
- Marchenko V.I.** – Isomorphic substitution of samarium for strontium in the $Sr_5(VO_4)_3OH$ structure E.I.Get'man, V.I.Marchenko, S.N.Loboda, N.V.Yablochkova, L.Plehev 3 317
- Marinin V.S.** – Simulation of phase diagrams in LaNi₅-H₂(D₂) system and inversion of isotopic effect V.S.Marinin, Yu.F.Shmalko, K.R.Umerenkova 4 492
- Martynenko E.V.** – Study of the spectrum of scintillation amplitude generated by fast neutron in an organic scintillator E.V.Martynenko 2 238
- Martynov V.P.** – Effect of growth atmosphere on Ce³⁺ incorporation in Gd₂SiO₅ single crystals V.G.Bondar, V.I.Krivoshain, V.P.Martynov, L.L.Nagornaya, O.Ts.Sidletskiy 4 546

| | | | | | |
|--|---|-----|--|---|-----|
| Masalov A.A. – Control of energy storage of $\text{Lu}_2\text{SiO}_5:\text{Ce}^{3+}$ nanocrystals by co-activation A.A.Masalov, O.G.Vyagin, I.I.Galina, Yu.N.Velikhov, Yu.V.Malyukin | 3 | 313 | Nagornaya L.L. – Effect of growth atmosphere on Ce^{3+} incorporation in Gd_2SiO_5 single crystals V.G.Bondar, V.I.Krivosheln, V.P.Martynov, L.L.Nagornaya, O.Ts.Sidletskiy | 4 | 546 |
| Mateychenko P. – CsI(Tl) films: deposition, examination of structure and scintillation A.Lebedinsky, A.Fedorov, A.Ananenko, P.Mateychenko | 1 | 42 | Nakamura O. – Optical properties of $\text{LiNbO}_3:\text{Zn}$ and $\text{LiNbO}_3:\text{Zn}:\text{Nd}$ fiber single crystals grown by micro-pulling down method H.J.Lee, J.W.Shur, O.Nakamura, D.H.Yoon | 4 | 536 |
| Matveeva O.V. – Silicon crystal strength reduction due to magnetoresponse V.A.Makara, A.M.Pogorilyi, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva | 2 | 192 | Naplekov D.M. – Minimal Fermi model D.M.Naplekov, A.V.Tur, V.V.Yanovsky | 1 | 5 |
| Mazna A.V. – Structure features and fracture mechanisms of hexagonal boron nitride based composite materials L.R.Vishnyakov, A.V.Mazna, B.M.Sinatskiy, V.M.Vereshchaka | 1 | 99 | Nasibov A.S. – Optical absorption and photoconductivity of $\text{ZnSe}:\text{Co}$ single crystals Yu.F.Vaksman, V.V.Pavlov, Yu.A.Nitsuk, Yu.N.Purtov, A.S.Nasibov, P.V.Shapkin | 4 | 426 |
| Melezhyk O.V. – Spectrophotometry and electrical conductivity studies of multi-wall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk | 2 | 233 | Naumenko D.A. – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov | 1 | 109 |
| Melnichenko D.V. – Autoepitaxy and the main orientational relations at crystallization out of amorphous state in Cr–O and V–O films A.G.Bagmut, V.A.Zhuchkov, D.V.Melnichenko | 3 | 351 | Naumenko S.M. – Effect of magnetic field on microhardness of germanium V.A.Makara, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Iu.L.Kolchenko, V.M.Kravchenko | 1 | 74 |
| Mezhylovska L.Y. – Dominant point defects in doped cadmium telluride $\text{CdTe}:\text{Ge}$ D.M.Freik, U.M.Pysklynets, L.Y.Mezhylovska | 2 | 181 | Naumenko S.M. – Silicon crystal strength reduction due to magnetoresponse V.A.Makara, A.M.Pogorilyi, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva | 2 | 192 |
| Mikhailov I.F. – Multilayer X-ray mirrors Mo– B_4C – new crystals-analyzers for wavelength range of 5 to 12 Å I.A.Kopylets, A.A.Baturin, I.F.Mikhailov | 3 | 392 | Naydyonov S.V. – Chaotic dynamics of an asymmetric circular billiard with ray splitting V.V.Yanovsky, S.V.Naydyonov, A.V.Kurilo | 2 | 155 |
| Miloslavsky V.K. – Thermostimulated implantation of nanoscaled Ag particles into a quartz glass using a CO_2 laser beam L.A.Ageev, V.K.Miloslavsky, E.D.Makovetsky, K.S.Beloshenko, A.V.Stronsky | 1 | 24 | Nenastina T. – Electrochemical synthesis of catalytic active alloys T.Nenastina, T.Bairachnaya, M.Ved, V.Shtefan, N.Sakhnenko | 3 | 395 |
| Miloslavsky V.K. – Self-diffraction effect observation and recording the holographic one-dimensional and two-dimensional gratings in thin photosensitive films L.A.Ageev, K.S.Beloshenko, E.D.Makovetsky, V.K.Miloslavsky | 3 | 290 | Nikolaenko T.Yu. – The method of determination of material shear elasticity in the course of its solidification O.Yu.Aktan, O.S.Svechnikova, T.Yu.Nikolaenko | 1 | 146 |
| Miloslavsky V.K. – Peculiarities of absorption spectra of solid solutions of $\text{CsAg}_2\text{I}_3\text{–CsCu}_2\text{I}_3$ complex compounds V.K.Miloslavsky, O.N.Yunakova, E.N.Kovalenko | 3 | 283 | Nitsuk Yu.A. – Optical absorption and photoconductivity of $\text{ZnSe}:\text{Co}$ single crystals Yu.F.Vaksman, V.V.Pavlov, Yu.A.Nitsuk, Yu.N.Purtov, A.S.Nasibov, P.V.Shapkin | 4 | 426 |
| Mirnaya T.A. – Liquid crystal formation in mixtures of metal alkanooates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Shershukov, L.N.Lisetski, T.A.Mirnaya | 4 | 488 | Nizhankovsky S.V. – Phase transformations at reduction of corundum A.Ya.Dan'ko, M.A.Rom, N.S.Sidelnikova, Kh.Sh.Kaltaev, S.V.Nizhankovsky, A.I.Fedorov | 4 | 460 |
| Mironova A.G. – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin | 2 | 187 | Novikov V.V. – The structural relaxation and anisotropy of the spring-back in metals V.V.Usov, V.V.Novikov, N.M.Shkatulyak, A.N.Titenkov, D.V.Mamay | 1 | 141 |
| Myagkota S. – Luminescence modification of CsI crystal activated by CsCl impurity A.Voloshinovskii, S.Myagkota, Ya.Chornodolskiy, G.Stryganyuk | 2 | 177 | Obolenskii M.A. – Excess conductivity and pseudogap state in $\text{YBa}_2\text{Cu}_{3-y}\text{Al}_y\text{O}_{7-\delta}$ single crystals with a system of unidirectional twin boundaries R.V.Vovk, M.A.Obolenskii, A.V.Bondarenko | 1 | 32 |
| | | | Obolenskii M.A. – Superconductivity suppression at twin boundaries and longitudinal and transversal transport anisotropy in oxygen deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals R.V.Vovk, M.A.Obolenskii, A.A.Zavgorodniy, A.V.Bondarenko, I.L.Goulatis, N.N.Chebotaev | 3 | 302 |

- Odeychuk M.A.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Omelnyk O.P.** – Application of PIXE and PIGE methods for examination of tungsten and rhenium alloys obtained by CVD V.V.Levenets, A.O.Shchur, O.P.Omelnyk, B.M.Shirokov 2 258
- Ostrovskii I.P.** – Magnetoresistance and magnetic susceptibility of doped Si-Ge whiskers A.A.Druzhinin, I.P.Ostrovskii, Yu.R.Kogut, J.K.Warchulska 4 480
- Panchenko T.V.** – Thermally induced relaxation of optical absorption and photochromic effect in $\text{Bi}_{12}\text{SiO}_{20}:\text{Cu}$ crystals T.V.Panchenko, K.Yu.Strelets 1 134
- Panikarskaya V.D.** – Spectrophotometry and electrical conductivity studies of multi-wall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk 2 233
- Panikarskaya V.D.** – Liquid crystal formation in mixtures of metal alkanooates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Shershukov, L.N.Lisetski, T.A.Mirnaya 4 488
- Parkhomenko S.V.** – Synthesis of strontium tetraborate SrB_4O_7 for single crystal growth T.I.Korshikova, S.V.Parkhomenko, A.V.Tolmachev, R.P.Yavetskiy 2 200
- Parkhomey A.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylykiv, O.Getman, Y.Sakka 4 430
- Pavlov V.V.** – Optical absorption and photoconductivity of $\text{ZnSe}:\text{Co}$ single crystals Yu.F.Vaksman, V.V.Pavlov, Yu.A.Nitsuk, Yu.N.Purtov, A.S.Nasibov, P.V.Shapkin 4 426
- Pavlyk B.** – Radiation-induced processes and defects in purified CsI crystals I.Garapyn, B.Pavlyk, B.Tsybulyak 3 309
- Pernod P.** – Parametric interaction in the Terfenol-D based magnetostrictive composite and nickel ferrite V.V.Rudenko, V.N.Berzhansky, S.N.Polulyakh, P.Pernod, V.L.Preobrazhensky 2 218
- Petchenko G.A.** – Features of resonance absorption of longitudinal ultrasound in strained crystals KBr at temperature variations A.M.Petchenko, G.A.Petchenko 4 475
- Petchenko A.M.** – Features of resonance absorption of longitudinal ultrasound in strained crystals KBr at temperature variations A.M.Petchenko, G.A.Petchenko 4 475
- Pinchuk N.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylykiv, O.Getman, Y.Sakka 4 430
- Pinkevych I.P.** – Influence of the director anchoring energy on a light induced Fredericksz transition threshold in the bounded light beams A.A.Berezovskaya, S.N.Yezhov, M.F.Ledney, I.P.Pinkevych 4 510
- Pir P.V.** – Luminescent properties and stability of Eu^{2+} ions in SrBPO_5 and $\text{SrAl}_2\text{B}_2\text{O}_7$ P.V.Pir, V.P.Dotsenko, N.P.Efryushina, Z.D.Klimenko 1 57
- Plehov .L.** – Isomorphic substitution of samarium for strontium in the $\text{Sr}_5(\text{VO}_4)_3\text{OH}$ structure E.I.Get'man, V.I.Marchenko, S.N.Loboda, N.V.Yablochkova, .L.Plehov 3 317
- Podyalovsky D.I.** – Silicon crystal strength reduction due to magnetoresonance V.A.Makara, A.M.Pogorilyi, L.P.Stebenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Pogorilyi A.M.** – Silicon crystal strength reduction due to magnetoresonance V.A.Makara, A.M.Pogorilyi, L.P.Stebenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Polevodin D.V.** – Biphasic ($\text{HA}/\beta\text{-TCP}$) calcium phosphate ceramics Z.Z.Zyman, N.V.Tkachenko, D.V.Polevodin 4 585
- Poltavtsev N.S.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Polulyakh S.N.** – Parametric interaction in the Terfenol-D based magnetostrictive composite and nickel ferrite V.V.Rudenko, V.N.Berzhansky, S.N.Polulyakh, P.Pernod, V.L.Preobrazhensky 2 218
- Popova E.V.** – Rotational viscosity of induced smectic C^* phase of liquid crystal E.V.Popova, A.P.Fedoryako, V.V.Vashchenko, L.A.Kutulya 4 485
- Preobrazhensky V.L.** – Parametric interaction in the Terfenol-D based magnetostrictive composite and nickel ferrite V.V.Rudenko, V.N.Berzhansky, S.N.Polulyakh, P.Pernod, V.L.Preobrazhensky 2 218
- Pritula I.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Prokopenko I.V.** – Peculiarities of the PbTe nano-islet formation on BaF_2 substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Prudnikov A.M.** – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov 1 109
- Pugachev A.T.** – The structure and nanoindentation of C_{60} films V.E.Pukha, A.N.Drozdov, A.T.Pugachev, S.N.Dub 2 209

- Pugachev A.T.** – Structure and stress state of ion-plasma hafnium condensates A.S.Vus, S.V.Malykhin, A.T.Pugachev, E.N.Reshetnyak, R.V.Azhazha, K.V.Kovtun 2 204
- Pukha V.E.** – The structure and nanoindentation of C₆₀ films V.E.Pukha, A.N.Drozhdov, A.T.Pugachev, S.N.Dub 2 209
- Purtov Yu.N.** – Optical absorption and photoconductivity of ZnSe:Co single crystals Yu.F.Vaksman, V.V.Pavlov, Yu.A.Nitsuk, Yu.N.Purtov, A.S.Nasibov, P.V.Shapkin 4 426
- Puzikov V.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Puzikov V.M.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321
- Puzikov V.M.** – Structure perfection of bulk and near-surface layers in sapphire single crystals V.F.Tkachenko, V.M.Puzikov, A.Ya.Dan'ko, A.T.Budnikov, O.A.Lukienko 4 550
- Pysklynets U.M.** – Dominant point defects in doped cadmium telluride CdTe:Ge D.M.Freik, U.M.Pysklynets, L.Y.Mezhylovska 2 181
- Ratner M.** – Scaling properties of dendrimers with long flexible branches M.Ratner 2 171
- Reshetnyak E.N.** – Structure and stress state of ion-plasma hafnium condensates A.S.Vus, S.V.Malykhin, A.T.Pugachev, E.N.Reshetnyak, R.V.Azhazha, K.V.Kovtun 2 204
- Roik N.V.** – Adsorption of cholic acid on silica modified with benzyltrimethylammonium groups N.V.Roik, L.A.Belyakova, A.M.Varvarin 1 68
- Rokitsky M.A.** – Electrophysical properties of polymer composites penton-silver iodide system in 8–12 GHz frequency region M.A.Rokitsky, P.P.Gorbyk, V.V.Levandovsky, S.M.Makhno, O.V.Kondratenko, N.I.Shut 1 125
- Rom M.A.** – Phase transformations at reduction of corundum A.Ya.Dan'ko, M.A.Rom, N.S.Sidelnikova, Kh.Sh.Kaltaev, S.V.Nizhankovsky, A.I.Fedorov 4 460
- Rudenko V.V.** – Parametric interaction in the Terfenol-D based magnetostrictive composite and nickel ferrite V.V.Rudenko, V.N.Berzhansky, S.N.Polulyakh, P.Pernod, V.L.Preobrazhensky 2 218
- Rudolph Peter** – Prosperity and difficulty of bulk crystal growth of semiconductor compounds (a review) Peter Rudolph 4 411
- Ryashko V.V.** – Short-range atomic order in f.c.c.-Ni-9 at.% Al solid solution S.M.Bokoch, M.P.Kulish, V.V.Ryashko, O.V.Snagovskiy, V.A.Tatarenko 1 92
- Sakhnenko N.** – Electrochemical synthesis of catalytic active alloys T.Nenastina, T.Bairachnaya, M.Ved, V.Shtefan, N.Sakhnenko 3 395
- Sakhnenko N.** – New approach to catalytic Co-W alloy electrodeposition M.Ved, V.Shtefan, T.Bairachnaya, N.Sakhnenko 4 580
- Sakka Y.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylkiv, O.Getman, Y.Sakka 4 430
- Samsonenko N.D.** – Internal structure parameters and synthesis conditions of polycrystalline diamond films S.N.Samsonenko, N.D.Samsonenko, Z.I.Kolupaeva 2 212
- Samsonenko S.N.** – Internal structure parameters and synthesis conditions of polycrystalline diamond films S.N.Samsonenko, N.D.Samsonenko, Z.I.Kolupaeva 2 212
- Savytskii D.I.** – Twinning elements of 2nd order derived from crystal lattice parameters in central-symmetrical ferroelastics D.I.Savytskii 4 498
- Semen'ko M.P.** – Influence of structural relaxation on the performance of Co-based amorphous metallic alloys M.I.Zakharenko, M.P.Semen'ko, G.V.Yeremenko 1 104
- Semyonov N.A.** – Preparation of tungsten crucibles starting from tungsten fluoride Yu.V.Gorenko, A.F.Korz, L.A.Lytvynov, N.A.Semyonov, N.A.Hovansky, B.M.Shirokov 3 386
- Senchyshyn V.** – Light scattering in the plastic scintillator N.Khlapova, Ya.Shpilevov, V.Senchyshyn, A.Gavrik, V.Lebedev 2 243
- Sergienko Z.P.** – Synthesis of (Ca,Cu)_(1-3x/2)N_xTiO₃ solid solutions (N = Bi, La) E.A.Vovk, V.M.Ishchuk, T.G.Deineka, V.N.Baumer, Z.P.Sergienko, A.A.Kozlovskiy 3 338
- Shapkin P.V.** – Optical absorption and photoconductivity of ZnSe:Co single crystals Yu.F.Vaksman, V.V.Pavlov, Yu.A.Nitsuk, Yu.N.Purtov, A.S.Nasibov, P.V.Shapkin 4 426
- Shchur A.O.** – Application of PIXE and PIGE methods for examination of tungsten and rhenium alloys obtained by CVD V.V.Levenets, A.O.Shchur, O.P.Omelnyk, B.M.Shirokov 2 258
- Shekhovtsov O.V.** – Crystallographic regularities of main crack origination and development in two-dimensional aluminum polycrystals E.E.Badiyan, A.G.Tonkopyrad, O.V.Shekhovtsov, R.V.Shurinov 2 249
- Sheremeta T.I.** – Peculiarities of the PbTe nano-islet formation on BaF₂ substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Shershukov V.M.** – Study of spectral and luminescence properties and association in hydrocarbon solvents of stilbene and distyrylbenzene derivatives V.M.Sher-shukov, A.I.Bedryk, A.O.Doroshenko 2 252

- Shershukov V.M.** – Liquid crystal formation in mixtures of metal alkanoates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Sherushukov, L.N.Lisetski, T.A.Mirnaya 4 488
- Shirokov B.M.** – Application of PIXE and PIGE methods for examination of tungsten and rhenium alloys obtained by CVD V.V.Levenets, A.O.Shchur, O.P.Omelnyk, B.M.Shirokov 2 258
- Shirokov B.M.** – Preparation of tungsten crucibles starting from tungsten fluoride Yu.V.Gorenko, A.F.Korzh, L.A.Lytvynov, N.A.Semyonov, N.A.Hovansky, B.M.Shirokov 3 386
- Shishkin O.V.** – Mass-spectrometric study of thermal desorption processes at vacuum heating of lithium iodide used to Li(Eu) crystal growing D.S.Sofronov, A.Yu.Voloshko, O.V.Shishkin 2 269
- Shkatulyak N.M.** – The structural relaxation and anisotropy of the spring-back in metals V.V.Usov, V.V.Novikov, N.M.Shkatulyak, A.N.Titenkov, D.V.Mamay 1 141
- Shkurdoda Yu.A.** – Structure and magnetoresistance of freshly condensed three-layer NiFe/Cu(Ag)/NiFe films V.B.Loboda, Yu.A.Shkurdoda, V.A.Kravchenko 1 37
- Shmalko Yu.F.** – Simulation of phase diagrams in LaNi₅-H₂(D₂) system and inversion of isotopic effect V.S.Marinin, Yu.F.Shmalko, K.R.Umerenkova 4 492
- Shpilevoy Ya.** – Light scattering in the plastic scintillator N.Khlapova, Ya.Shpilevoy, V.Senchyshyn, A.Gavrik, V.Lebedev 2 243
- Shramko S.V.** – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Lisratenko 4 555
- Shtefan V.** – Electrochemical synthesis of catalytic active alloys T.Nenastina, T.Bairachnaya, M.Ved, V.Shtefan, N.Sakhnenko 3 395
- Shtefan V.** – New approach to catalytic Co-W alloy electrodeposition M.Ved, V.Shtefan, T.Bairachnaya, N.Sakhnenko 4 580
- Shur J.W.** – Optical properties of LiNbO₃:Zn and LiNbO₃:Zn:Nd fiber single crystals grown by micro-pulling down method H.J.Lee, J.W.Shur, O.Nakamura, D.H.Yoon 4 536
- Shurinov R.V.** – Crystallographic regularities of main crack origination and development in two-dimensional aluminum polycrystals E.E.Badiyan, A.G.Tonkopyrad, O.V.Shekhovtsov, R.V.Shurinov 2 249
- Shut N.I.** – Electrophysical properties of polymer composites penton-silver iodide system in 8–12 GHz frequency region M.A.Rokitsky, P.P.Gorbyk, V.V.Levandovsky, S.M.Makhno, O.V.Kondratenko, N.I.Shut 1 125
- Sidelnikova N.S.** – Phase transformations at reduction of corundum A.Ya.Dan'ko, M.A.Rom, N.S.Sidelnikova, Kh.Sh.Kal'taev, S.V.Nizhankovsky, A.I.Fedorov 4 460
- Sidelnikova N.S.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321
- Sidletskiy O.Ts.** – Spectrophotometry and electrical conductivity studies of multi-wall nanotubes dispersed in nematic liquid crystals L.N.Lisetski, N.I.Lebovka, O.Ts.Sidletskiy, V.D.Panikarskaya, N.A.Kasian, S.S.Kositsyn, M.O.Lisunova, O.V.Melezhyk 2 233
- Sidletskiy O.Ts.** – Thermal lag of the growth furnace heating assembly at CsI(Na) crystal growing from constant melt volume on a seed V.I.Goriletsky, V.V.Vasilyev, O.Ts.Sidletskiy, M.M.Tymoshenko, V.I.Sumin 4 541
- Sidletskiy O.Ts.** – Effect of growth atmosphere on Ce³⁺ incorporation in Gd₂SiO₅ single crystals V.G.Bondar, V.I.Krivoshchein, V.P.Martynov, L.L.Nagornaya, O.Ts.Sidletskiy 4 546
- Sinaisky B.M.** – Structure features and fracture mechanisms of hexagonal boron nitride based composite materials L.R.Vishnyakov, A.V.Mazna, B.M.Sinaisky, V.M.Vereschaka 1 99
- Sirota A.V.** – The aggregation of point defects in dislocation-free silicon single crystals V.I.Talanin, I.E.Talanin, A.A.Voronin, A.V.Sirota 1 48
- Skibinsky K.M.** – Structure of near-surface magnetic layer in iron borate V.E.Zubov, M.B.Strugatsky, K.M.Skibinsky 3 382
- Skorokhod V.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasykiv, O.Getman, Y.Sakka 4 430
- Slyn'ko E.I.** – Peculiarities of the PbTe nano-islet formation on BaF₂ substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Slyunin E.V.** – Potentialities for sapphire strength enhancement V.Voloshyn, L.A.Lytvynov, E.V.Slyunin 4 569
- Smirnova N.P.** – Photocatalysis by TiO₂ films at structure relaxation O.P.Dmytrenko, N.P.Kulish, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Smirnova O.L.** – Anodic behavior of passive metals and their alloys in chloride solutions V.V.Tovkes, O.L.Smirnova, B.I.Bajrachnyj 3 365
- Snagovskiy O.V.** – Short-range atomic order in f.c.c.-Ni-9 at.% Al solid solution S.M.Bokoch, M.P.Kulish, V.V.Ryashko, O.V.Snagovskiy, V.A.Tatarenko 1 92
- Sobol' O.V.** – Concentration and structural ordering in nano-crystalline ion-plasma condensates of (W,Ti)C solid solution O.V.Sobol' 3 356

- Sobol' O.V.** – Thermal factor effect on phase formation, structure, substructure features, and stress state in ion-plasma nano-crystalline condensates of quasi-binary WC–TiC carbide O.V.Sobol' 4 436
- Sofronov D.S.** – Mass-spectrometric study of thermal desorption processes at vacuum heating of lithium iodide used to Li(Eu) crystal growing D.S.Sofronov, A.Yu.Voloshko, O.V.Shishkin 2 269
- Solcova O.** – Mesoporous SBA-15 silica modified with calix[4]arene and β -cyclodextrin O.V.Kuchma, Yu.L.Zub, A.Dabrowski, O. Solcova 3 369
- Song M.K.** – Control of refractive index and composition of TiO₂ thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon 4 446
- Sorokin A.V.** – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk 2 228
- Starikov V.V.** – Elasticity module and hardness of niobium and tantalum anode oxide films S.N.Dub, V.V.Starikov 3 347
- Starolat M.P.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Stashchuk V.S.** – Photocatalysis by TiO₂ films at structure relaxation O.P.Dmytrenko, N.P.Kulish, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Steblenko L.P.** – Effect of magnetic field on microhardness of germanium V.A.Makara, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Iu.L.Kolchenko, V.M.Kravchenko 1 74
- Steblenko L.P.** – Silicon crystal strength reduction due to magnetoresonance V.A.Makara, A.M.Pogorilyi, L.P.Steblenko, A.M.Kuryliuk, S.M.Naumenko, Yu.L.Kobzar, A.F.Kravets, D.I.Podyalovsky, O.V.Matveeva 2 192
- Strelets K.Yu.** – Thermally induced relaxation of optical absorption and photochromic effect in Bi₁₂SiO₂₀:Cu crystals T.V.Panchenko, K.Yu.Strelets 1 134
- Stronsky A.V.** – Thermostimulated implantation of nanoscaled Ag particles into a quartz glass using a CO₂ laser beam L.A.Ageev, V.K.Miloslavsky, E.D.Makovetsky, K.S.Beloshenko, A.V.Stronsky 1 24
- Strugatsky M.B.** – Structure of near-surface magnetic layer in iron borate V.E.Zubov, M.B.Strugatsky, K.M.Skibinsky 3 382
- Stryganyuk G.** – Luminescence modification of CsI crystal activated by CsCl impurity A.Voloshinovskii, S.Myagkota, Ya.Chornodolsky, G.Stryganyuk 2 177
- Sumin V.I.** – Thermal lag of the growth furnace heating assembly at CsI(Na) crystal growing from constant melt volume on a seed V.I.Goriletsky, V.V.Vasilyev, O.Ts.Sidletskiy, M.M.Tymoshenko, V.I.Sumin 4 541
- Svechnikova O.S.** – The method of determination of material shear elasticity in the course of its solidification O.Yu.Aktan, O.S.Svechnikova, T.Yu.Nikolaenko 1 146
- Sych O.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylkiv, O.Getman, Y.Sakka 4 430
- Talanin I.E.** – The aggregation of point defects in dislocation-free silicon single crystals V.I.Talanin, I.E.Talanin, A.A.Voronin, A.V.Sirota 1 48
- Talanin V.I.** – The aggregation of point defects in dislocation-free silicon single crystals V.I.Talanin, I.E.Talanin, A.A.Voronin, A.V.Sirota 1 48
- Tarasov R.V.** – Synthesis, morphology, and compactibility of tetragonal zirconia nanopowders S.V.Gabelkov, R.V.Tarasov, N.S.Poltavtsev, M.P.Starolat, N.F.Andrievskaya, A.G.Mironova, E.G.Ledovskaya, L.M.Litvinenko, M.A.Odeychuk, F.V.Belkin 2 187
- Tarasov V.A.** – Comparison of different rough surface models for computer simulation of light collection in a scintillator/light guide system I.V.Kilimchuk, V.A.Tarasov 4 505
- Tatarenko V.A.** – Short-range atomic order in f.c.c.–Ni–9 at.% Al solid solution S.M.Bokoch, M.P.Kulish, V.V.Ryashko, O.V.Snagovskiy, V.A.Tatarenko 1 92
- Titenkov A.N.** – The structural relaxation and anisotropy of the spring-back in metals V.V.Usov, V.V.Novikov, N.M.Shkhatulyak, A.N.Titenkov, D.V.Mamay 1 141
- Tkachenko I.V.** – Defect formation in diffusive layers of ZnSe:Sn and ZnSe:Mg V.I.Gryvul, V.P.Makhniy, I.V.Tkachenko 3 375
- Tkachenko N.V.** – Biphasic (HA/ β -TCP) calcium phosphate ceramics Z.Z.Zyman, N.V.Tkachenko, D.V.Polevodin 4 585
- Tkachenko V.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Tkachenko V.F.** – Study of nature of some defects visible in polarized light in sapphire single crystals V.F.Tkachenko, A.Ya.Dan'ko, V.M.Puzikov, A.T.Budnikov, O.A.Lukienko, N.S.Sidelnikova, G.T.Adonkin 3 321
- Tkachenko V.F.** – Structure perfection of bulk and near-surface layers in sapphire single crystals V.F.Tkachenko, V.M.Puzikov, A.Ya.Dan'ko, A.T.Budnikov, O.A.Lukienko 4 550
- Tolmachev A.V.** – Synthesis of strontium tetraborate SrB₄O₇ for single crystal growth T.I.Korshikova, S.V.Parkhomenko, A.V.Tolmachev, R.P.Yavetskiy 2 200

- Tonkopryad A.G.** – Crystallographic regularities of main crack origination and development in two-dimensional aluminum polycrystals E.E.Badiyan, A.G.Tonkopryad, O.V.Shekhovtsov, R.V.Shurinov 2 249
- Tovkes V.V.** – Anodic behavior of passive metals and their alloys in chloride solutions V.V.Tovkes, O.L.Smirnova, B.I.Bajrachnyj 3 365
- Trubitsyn M.P.** – The mechanism of the defect centers influence on the paraelectric-to-incommensurate phase transition in rubidium-potassium zinc chloride crystals M.P.Trubitsyn, A.M.Antonenko 1 53
- Tsurikov V.** – Growth and characterization of urea-doped KDP crystals I.Pritula, A.Kosinova, M.Kolybayeva, V.Puzikov, S.Bondarenko, V.Tkachenko, V.Tsurikov, O.Fesenko 3 295
- Tsybulyak B.** – Radiation-induced processes and defects in purified CsI crystals I.Garapyn, B.Pavlyk, B.Tsybulyak 3 309
- Tur A.V.** – Minimal Fermi model D.M.Naplekov, A.V.Tur, V.V.Yanovsky 1 5
- Tymchuk I.T.** – Optimization of base crystals for silicon solar cells of various destinations M.V.Kirichenko, I.T.Tymchuk, V.A.Antonova, N.P.Klochko, V.R.Kopach, A.M.Listratenko 1 61
- Tymchuk I.T.** – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Listratenko 4 555
- Tymoshenko M.M.** – Thermal lag of the growth furnace heating assembly at CsI(Na) crystal growing from constant melt volume on a seed V.I.Goriletsky, V.V.Vasilyev, O.Ts.Sidletskiy, M.M.Tymoshenko, V.I.Sumin 4 541
- Umerenkova K.R.** – Simulation of phase diagrams in $\text{LaNi}_5\text{-H}_2(\text{D}_2)$ system and inversion of isotopic effect V.S.Marinin, Yu.F.Shmalko, K.R.Umerenkova 4 492
- Usov V.V.** – The structural relaxation and anisotropy of the spring-back in metals V.V.Usov, V.V.Novikov, N.M.Shkattulyak, A.N.Titenkov, D.V.Mamay 1 141
- Vaksman Yu.F.** – Optical absorption and photoconductivity of ZnSe:Co single crystals Yu.F.Vaksman, V.V.Pavlov, Yu.A.Nitsuk, Yu.N.Purtov, A.S.Nasibov, P.V.Shapkin 4 426
- Varvarin A.M.** – Adsorption of cholic acid on silica modified with benzyltrimethylammonium groups N.V.Roik, L.A.Belyakova, A.M.Varvarin 1 68
- Vashchenko V.V.** – Rotational viscosity of induced smectic C* phase of liquid crystal E.V.Popova, A.P.Fedoryako, V.V.Vashchenko, L.A.Kutulya 4 485
- Vasilyev V.V.** – Thermal lag of the growth furnace heating assembly at CsI(Na) crystal growing from constant melt volume on a seed V.I.Goriletsky, V.V.Vasilyev, O.Ts.Sidletskiy, M.M.Tymoshenko, V.I.Sumin 4 541
- Vasylykiv O.** – Structure morphology and properties of new porous biocomposites based on biogenic hydroxyapatite and synthetic calcium phosphates O.Sych, N.Pinchuk, A.Parkhomey, A.Kuda, L.Ivanchenko, V.Skorokhod, O.Vasylykiv, O.Getman, Y.Sakka 4 480
- Ved M.** – Electrochemical synthesis of catalytic active alloys T.Nenastina, T.Bairachnaya, M.Ved, V.Shtefan, N.Sakhnenko 3 395
- Ved M.** – New approach to catalytic Co-W alloy electrodeposition M.Ved, V.Shtefan, T.Bairachnaya, N.Sakhnenko 4 580
- Velikhov Yu.N.** – Control of energy storage of $\text{Lu}_2\text{SiO}_5:\text{Ce}^{3+}$ nanocrystals by co-activation A.A.Masalov, O.G.Vyagin, I.I.Ganina, Yu.N.Velikhov, Yu.V.Malyukin 3 313
- Vereschaka V.M.** – Structure features and fracture mechanisms of hexagonal boron nitride based composite materials L.R.Vishnyakov, A.V.Mazna, B.M.Sinaisky, V.M.Vereschaka 1 99
- Virchenko Yu.P.** – Radiative conduction problem in the thin layer of semi-transparent medium. The weak absorption case A.V.Kolesnikov, Yu.P.Virchenko 4 515
- Vishnyakov L.R.** – Structure features and fracture mechanisms of hexagonal boron nitride based composite materials L.R.Vishnyakov, A.V.Mazna, B.M.Sinaisky, V.M.Vereschaka 1 99
- Vityuk N.V.** – Photocatalysis by TiO_2 films at structure relaxation O.P.Dmytrenko, N.P.Kulish, T.O.Busko, V.S.Stashchuk, A.M.Eremenko, N.P.Smirnova, N.V.Vityuk 1 82
- Vodop'yanov V.M.** – Peculiarities of the PbTe nano-islet formation on BaF_2 substrate at "hot wall" epitaxy method investigated by atomic force microscopy T.I.Sheremeta, I.V.Prokopenko, P.M.Lytvyn, O.S.Lytvyn, V.M.Vodop'yanov, A.P.Bakhtinov, E.I.Slyn'ko 1 86
- Volkova G.K.** – X-ray photoelectron spectroscopy of nanopowders of $\text{ZrO}_2\text{-Y}_2\text{O}_3\text{-Cr}_2\text{O}_3$ compounds A.M.Korduban, I.A.Yashchishyn, T.E.Konstantinova, I.A.Danilenko, G.K.Volkova, V.A.Glazunova 4 454
- Voloshinovskii A.** – Luminescence modification of CsI crystal activated by CsCl impurity A.Voloshinovskii, S.Myagkota, Ya.Chornodolsky, G.Stryganyuk 2 177
- Voloshko A.Yu.** – Mass-spectrometric study of thermal desorption processes at vacuum heating of lithium iodide used to Li(Eu) crystal growing D.S.Sofronov, A.Yu.Voloshko, O.V.Shishkin 2 269
- Voloshyn O.V.** – Potentialities for sapphire strength enhancement O.V.Voloshyn, L.A.Lytvynov, E.V.Slyunin 4 569
- Vorobyova I.V.** – Production of nano-pore track membranes based on PET films irradiated by Ar ions V.A.Bomko, A.F.Burban, A.F.Kobets, A.Kryshchal, I.V.Vorobyova, B.V.Zajtsev 4 562
- Voronin A.A.** – The aggregation of point defects in dislocation-free silicon single crystals V.I.Talanin, I.E.Talanin, A.A.Voronin, A.V.Sirota 1 48

| | | | | | |
|--|---|-----|--|---|-----|
| Vovchenko L.L. – Thermomagnetic studies of thermoexfoliated graphite-transition metal composites L.L.Vovchenko, M.G.Babich, M.I.Zakharenko, A.I.Brusilovets, L.M.Kapitanchuk | 3 | 378 | Yarmoluk S.M. – Strong enhancement of cyanine dye aggregation by a cationic surfactant G.Ya.Guralchuk, I.K.Katrunov, R.S.Grinyov, A.V.Sorokin, S.L.Efimova, Yu.V.Malyukin, S.M.Yarmoluk | 2 | 228 |
| Vovk E.A. – Synthesis of $(\text{Ca,Cu})_{(1-3x/2)}\text{N}_x\text{TiO}_3$ solid solutions (N = Bi, La) E.A.Vovk, V.M.Ishchuk, T.G.Deineka, V.N.Baumer, Z.P.Sergienko, A.A.Kozlovskiy | 3 | 338 | Yashchishyn I.A. – X-ray photoelectron spectroscopy of nanopowders of $\text{ZrO}_2\text{-Y}_2\text{O}_3\text{-Cr}_2\text{O}_3$ compounds A.M.Korduban, I.A.Yashchishyn, T.E.Konstantinova, I.A.Danilenko, G.K.Volkova, V.A.Glazunova | 4 | 454 |
| Vovk R.V. – Excess conductivity and pseudogap state in $\text{YBa}_2\text{Cu}_{3-y}\text{Al}_y\text{O}_{7-\delta}$ single crystals with a system of unidirectional twin boundaries R.V.Vovk, M.A.Obolenskii, A.V.Bondarenko | 1 | 32 | Yastrubenko M.I. – The given level attainment problem and material destruction M.I.Yastrubenko | 1 | 19 |
| Vovk R.V. – Superconductivity suppression at twin boundaries and longitudinal and transversal transport anisotropy in oxygen deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals R.V.Vovk, M.A.Obolenskii, A.A.Zavgorodniy, A.V.Bondarenko, I.L.Goulatis, N.N.Chebotaev | 3 | 302 | Yavetskiy R.P. – Synthesis of strontium tetraborate SrB_4O_7 for single crystal growth T.I.Korshikova, S.V.Parkhomenko, A.V.Tolmachev, R.P.Yavetskiy | 2 | 200 |
| Vus A.S. – Structure and stress state of ion-plasma hafnium condensates A.S.Vus, S.V.Malykhin, A.T.Pugachev, E.N.Reshetnyak, R.V.Azhazha, K.V.Kovtun | 2 | 204 | Yeremenko G.V. – Influence of structural relaxation on the performance of Co-based amorphous metallic alloys M.I.Zakharenko, M.P.Semen'ko, G.V.Yeremenko | 1 | 104 |
| Vyagin O.G. – Control of energy storage of $\text{Lu}_2\text{SiO}_5\text{:Ce}^{3+}$ nanocrystals by co-activation A.A.Masalov, O.G.Vyagin, I.I.Ganina, Yu.N.Velikhov, Yu.V.Malyukin | 3 | 313 | Yezhov S.N. – Influence of the director anchoring energy on a light induced Fredericksz transition threshold in the bounded light beams A.A.Berezovskaya, S.N.Yezhov, M.F.Ledney, I.P.Pinkevych | 4 | 510 |
| Wan Youbao – The influence of BaF_2 on scintillation properties of PbWO_4 crystal Youbao Wan, Jianxing Zhang, Rurong Wu, Sanfa Xing, Hui Yang | 4 | 450 | Yoon D.H. – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon | 4 | 446 |
| Warchulska J.K. – Magnetoresistance and magnetic susceptibility of doped Si-Ge whiskers A.A.Druzhinin, I.P.Ostrovskii, Yu.R.Kogut, J.K.Warchulska | 4 | 480 | Yoon D.H. – Optical properties of $\text{LiNbO}_3\text{:Zn}$ and $\text{LiNbO}_3\text{:Zn:Nd}$ fiber single crystals grown by micro-pulling down method H.J.Lee, J.W.Shur, O.Nakamura, D.H.Yoon | 4 | 536 |
| Wu Rurong – The influence of BaF_2 on scintillation properties of PbWO_4 crystal Youbao Wan, Jianxing Zhang, Rurong Wu, Sanfa Xing, Hui Yang | 4 | 450 | Yunakova O.N. – Peculiarities of absorption spectra of solid solutions of $\text{CsAg}_2\text{I}_3\text{-CsCu}_2\text{I}_3$ complex compounds V.K.Miloslavsky, O.N.Yunakova, E.N.Kovalenko | 3 | 283 |
| Xing Sanfa – The influence of BaF_2 on scintillation properties of PbWO_4 crystal Youbao Wan, Jianxing Zhang, Rurong Wu, Sanfa Xing, Hui Yang | 4 | 450 | Zachariasz R. – The relaxation phenomena in irradiated PZT type piezoceramics R.Zachariasz, J.Ilczuk, B.Brus | 1 | 114 |
| Yablochkova N.V. – Isomorphic substitution of samarium for strontium in the $\text{Sr}_5(\text{VO}_4)_3\text{OH}$ structure E.I.Get'man, V.I.Marchenko, S.N.Loboda, N.V.Yablochkova, L.Plehov | 3 | 317 | Zaitsev R.V. – Back surface reflector optimization for thin single crystalline silicon solar cells V.R.Kopach, M.V.Kirichenko, S.V.Shramko, R.V.Zaitsev, I.T.Tymchuk, V.A.Antonova, A.M.Listratenko | 4 | 555 |
| Yang Hui – The influence of BaF_2 on scintillation properties of PbWO_4 crystal Youbao Wan, Jianxing Zhang, Rurong Wu, Sanfa Xing, Hui Yang | 4 | 450 | Zajtsev B.V. – Production of nano-pore track membranes based on PET films irradiated by Ar ions V.A.Bomko, A.F.Burban, A.F.Kobets, A.Kryshchal, I.V.Vorobyova, B.V.Zajtsev | 4 | 562 |
| Yang W.S. – Control of refractive index and composition of TiO_2 thin film deposited by radiofrequency reactive sputtering S.W.Kwon, W.S.Yang, H.M.Lee, W.K.Kim, H.-Y.Lee, W.J.Jeong, M.K.Song, D.H.Yoon | 4 | 446 | Zakharenko M.I. – Thermomagnetic studies of thermoexfoliated graphite-transition metal composites L.L.Vovchenko, M.G.Babich, M.I.Zakharenko, A.I.Brusilovets, L.M.Kapitanchuk | 3 | 378 |
| Yanovsky V.V. – Minimal Fermi model D.M.Naplekov, A.V.Tur, V.V.Yanovsky | 1 | 5 | Zakharenko M.I. – Influence of structural relaxation on the performance of Co-based amorphous metallic alloys M.I.Zakharenko, M.P.Semen'ko, G.V.Yeremenko | 1 | 104 |
| Yanovsky V.V. – Chaotic dynamics of an asymmetric circular billiard with ray splitting V.V.Yanovsky, S.V.Naydyonov, A.V.Kurilo | 2 | 155 | Zarycka A. – Influence of domain structure on relaxation phenomena in the PZT ceramic B.Brus, J.Ilczuk, A.Zarycka, M.Czerwiec | 1 | 120 |

- Zavgorodniy A.A.** – Superconductivity suppression at twin boundaries and longitudinal and transversal transport anisotropy in oxygen deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals R.V.Vovk, M.A.Obolenskii, A.A.Zavgorodniy, A.V.Bondarenko, I.L.Goulatis, N.N.Chebotaev 3 302
- Zavora L.N.** – Liquid crystal formation in mixtures of metal alkanoates: gadolinium-containing binary systems L.N.Zavora, V.D.Panikarskaya, N.A.Kasian, A.I.Bedrik, V.M.Shershukov, L.N.Liset-ski, T.A.Mirnaya 4 488
- Zhang Jianxing** – The influence of BaF_2 on scintillation properties of PbWO_4 crystal Youbao Wan, Jianxing Zhang, Rurong Wu, Sanfa Xing, Hui Yang 4 450
- Zhikharev I.V.** – The method of optical investigations of the nanostructural diamond-like a-C:N films S.V.Kara-Murza, B.V.Belyaev, V.A.Gritskih, I.V.Zhikharev, N.V.Kortchikova, D.A.Naumenko, A.M.Prudnikov 1 109
- Zhmurin P.N.** – Application of the Judd-Ofelt theory to Pr^{3+} ions in Y_2SiO_5 crystals P.N.Zhmurin 1 15
- Zhuchkov V.A.** – Autoepitaxy and the main orientational relations at crystallization out of amorphous state in Cr-O and V-O films A.G.Bagmut, V.A.Zhuchkov, D.V.Melnichenko 3 351
- Zub Yu.L.** – Mesoporous SBA-15 silica modified with calix[4]arene and β -cyclodextrin O.V.Kuchma, Yu.L.Zub, A.Dabrowski, O.Solcova 3 369
- Zubarev E.N.** – Nanoscale Co/C multilayers for "carbon window" Schwarzschild objective Ye.A.Bugayev, A.Yu.Devizenko, E.N.Zubarev, V.V.Kondratenko 4 573
- Zubov V.E.** – Structure of near-surface magnetic layer in iron borate V.E.Zubov, M.B.Strugatsky, K.M.Skibinsky 3 382
- Zyman Z.Z.** – Biphasic (HA/ β -TCP) calcium phosphate ceramics Z.Z.Zyman, N.V.Tkachenko, D.V.Polevodin 4 585