

Valerii V Voronov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/14330/publications.pdf>

Version: 2024-02-01

134
papers

2,989
citations

236925

25
h-index

189892

50
g-index

135
all docs

135
docs citations

135
times ranked

2464
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nanoparticles produced by laser ablation of solids in liquid environment. Applied Surface Science, 2002, 186, 546-551. | 6.1 | 389 |
| 2 | Nanodisks of Au and Ag produced by laser ablation in liquid environment. Chemical Physics Letters, 2001, 348, 182-186. | 2.6 | 204 |
| 3 | Nanoparticles produced by laser ablation of solids in liquid environment. Applied Physics A: Materials Science and Processing, 2004, 79, 1127-1132. | 2.3 | 197 |
| 4 | Laser induced synthesis of nanoparticles in liquids. Applied Surface Science, 2006, 252, 4373-4380. | 6.1 | 176 |
| 5 | Formation of ZnSe and CdS quantum dots via laser ablation in liquids. Chemical Physics Letters, 2002, 366, 357-360. | 2.6 | 140 |
| 6 | Formation of conical microstructures upon laser evaporation of solids. Applied Physics A: Materials Science and Processing, 2001, 73, 177-181. | 2.3 | 118 |
| 7 | Production of copper and brass nanoparticles upon laser ablation in liquids. Quantum Electronics, 2004, 34, 951-956. | 1.0 | 87 |
| 8 | Production of nanoparticles by laser-induced ablation of metals in liquids. Quantum Electronics, 2003, 33, 714-720. | 1.0 | 65 |
| 9 | Up-conversion quantum yields of SrF ₂ :Yb ³⁺ ,Er ³⁺ sub-micron particles prepared by precipitation from aqueous solution. Journal of Materials Chemistry C, 2018, 6, 598-604. | 5.5 | 61 |
| 10 | Co-precipitation of yttrium and barium fluorides from aqueous solutions. Materials Research Bulletin, 2012, 47, 1794-1799. | 5.2 | 57 |
| 11 | The Effect of Gold Nanoparticle Concentration and Laser Fluence on the Laser-Induced Water Decomposition. Journal of Physical Chemistry B, 2019, 123, 1869-1880. | 2.6 | 51 |
| 12 | Specific features of the behaviour of targets under negative pressures created by a picosecond laser pulse. Quantum Electronics, 2013, 43, 246-251. | 1.0 | 47 |
| 13 | Coprecipitation from aqueous solutions to prepare binary fluorides. Russian Journal of Inorganic Chemistry, 2011, 56, 1525-1531. | 1.3 | 43 |
| 14 | Formation of conic microstructures upon pulsed laser evaporation of solids. Quantum Electronics, 2000, 30, 710-714. | 1.0 | 36 |
| 15 | Synthesis of Ba ₄ R ₃ F ₁₇ (R stands for rare-earth elements) powders and transparent compacts on their base. Russian Journal of Inorganic Chemistry, 2010, 55, 484-493. | 1.3 | 35 |
| 16 | Synthesis of SrF ₂ •YF ₃ nanopowders by co-precipitation from aqueous solutions. Mendeleev Communications, 2014, 24, 360-362. | 1.6 | 35 |
| 17 | Fast etching and metallization of SiC ceramics with copper-vapor-laser radiation. Applied Physics A: Materials Science and Processing, 1996, 63, 75-79. | 2.3 | 34 |
| 18 | Partially stabilized zirconia single crystals: growth from the melt and investigation of the properties. Journal of Crystal Growth, 2005, 275, e2173-e2179. | 1.5 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Preparation of MgO nanoparticles. Inorganic Materials, 2007, 43, 502-504. | 0.8 | 31 |
| 20 | Bioavailable nanoparticles obtained in laser ablation of a selenium target in water. Quantum Electronics, 2012, 42, 1042-1044. | 1.0 | 31 |
| 21 | White light luminophores based on Yb ³⁺ /Er ³⁺ /Tm ³⁺ -coactivated strontium fluoride powders. Materials Chemistry and Physics, 2014, 148, 201-207. | 4.0 | 29 |
| 22 | Phase formation in LaF ₃ -NaGdF ₄ , NaGdF ₄ -NaLuF ₄ , and NaLuF ₄ -NaYF ₄ systems: Synthesis of powders by co-precipitation from aqueous solutions. Journal of Fluorine Chemistry, 2014, 161, 95-101. | 1.7 | 27 |
| 23 | Generation of core-shell nanoparticles Al@Ti by laser ablation in liquid for hydrogen storage. Applied Surface Science, 2015, 348, 71-74. | 6.1 | 27 |
| 24 | Preparation of nanopowdered M _{1-x} R _x F _{2+x} (M = Ca, Sr, Ba; R = Ce, Nd, Er, Yb) Solid Solutions. Russian Journal of Inorganic Chemistry, 2007, 52, 315-320. | 1.3 | 26 |
| 25 | Generation of nanoparticles of bronze and brass by laser ablation in liquid. Applied Surface Science, 2014, 302, 79-82. | 6.1 | 26 |
| 26 | New Sr _{1-x} Zr _x (NH ₄) ₂ F _{2+x} (R = Yb, Er) solid solution as precursor for high efficiency up-conversion luminophor and optical ceramics on the base of strontium fluoride. Materials Chemistry and Physics, 2016, 172, 150-157. | 4.0 | 26 |
| 27 | Soft chemical synthesis of NaYF ₄ nanopowders. Russian Journal of Inorganic Chemistry, 2008, 53, 1681-1685. | 1.3 | 25 |
| 28 | The Melt of Sodium Nitrate as a Medium for the Synthesis of Fluorides. Inorganics, 2018, 6, 38. | 2.7 | 25 |
| 29 | Scrutinizing Hall Effect in $Mn_{1-x}Yb_x$ Fermi Surface Evolution and Hidden Quantum Criticality. Physical Review Letters, 2015, 115, 256601. | 7.0 | 24 |
| 30 | Fast etching and metallization of via-holes in sapphire with the help of radiation by a copper vapor laser. Applied Surface Science, 1997, 109-110, 201-205. | 6.1 | 23 |
| 31 | Laser-induced fast etching and metallization of SiC ceramics. Applied Surface Science, 1997, 109-110, 559-562. | 6.1 | 22 |
| 32 | Lattice instability and enhancement of superconductivity in YB_6 . Physical Review B, 2017, 96, . | 8.2 | 22 |
| 33 | Etching Kinetics of (100) Single Crystal Diamond Surfaces in a Hydrogen Microwave Plasma, Studied with In Situ Low-Coherence Interferometry. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700177. | 1.8 | 22 |
| 34 | Enhanced deposition rate of polycrystalline CVD diamond at high microwave power densities. Diamond and Related Materials, 2019, 97, 107466. | 3.9 | 22 |
| 35 | Synthesis and luminescence studies of CaF ₂ :Yb:Pr solid solutions powders for photonics. Journal of Fluorine Chemistry, 2018, 211, 70-75. | 1.7 | 21 |
| 36 | A comparative study of partial reduction of ceria via laser ablation in air and soft chemical route. Applied Surface Science, 1997, 109-110, 249-252. | 6.1 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Laser ablation of titanium in liquid in external electric field. Applied Surface Science, 2015, 348, 16-21. | 6.1 | 20 |
| 38 | Electron nematic effect induced by magnetic field in antiferroquadrupole phase of CeB ₆ . Scientific Reports, 2017, 7, 17430. | 3.3 | 20 |
| 39 | Maltse cross anisotropy in $B_{12}Ho_{0.8}$ antiferromagnetic metal with dynamic charge stripes. Physical Review B, 2019, 99, . | 3.2 | 20 |
| 40 | Diamond-Rare Earth Composites with Embedded NaGdF ₄ :Eu Nanoparticles as Robust Photo- and X-ray-Luminescent Materials for Radiation Monitoring Screens. ACS Applied Nano Materials, 2020, 3, 1324-1331. | 5.0 | 20 |
| 41 | Study of mechanical properties of aluminum, AMg6M alloy, and polymethyl methacrylate at high strain rates under the action of picosecond laser radiation. Doklady Physics, 2012, 57, 64-66. | 0.7 | 19 |
| 42 | Efficient visible range SrF ₂ :Yb:Er- and SrF ₂ :Yb:Tm-based up-conversion luminophores. Journal of Fluorine Chemistry, 2017, 194, 16-22. | 1.7 | 19 |
| 43 | Co-deposition of diamond and β -SiC by microwave plasma CVD in H ₂ -CH ₄ -SiH ₄ gas mixtures. Diamond and Related Materials, 2019, 98, 107520. | 3.9 | 18 |
| 44 | Nano-glass-ceramics containing chromium-doped LiGaSiO ₄ crystalline phases. Optical Materials, 2010, 32, 896-902. | 3.6 | 17 |
| 45 | Infrared-to-visible upconversion luminescence in Sr ₂ :Er powders upon excitation of the $^4I_{13/2}$ level. Optical Materials Express, 2018, 8, 1863. | 3.0 | 17 |
| 46 | Preparation and properties of methylcellulose/nanocellulose/DF ₂ polymer-inorganic composite films for two-micron radiation visualizers. Journal of Fluorine Chemistry, 2017, 202, 9-18. | 1.7 | 16 |
| 47 | Optical lithium fluoride ceramics. Doklady Physics, 2007, 52, 677-680. | 0.7 | 15 |
| 48 | Low-temperature phase formation in the $B^{\circ}F_2$ -CeF ₃ system. Journal of Fluorine Chemistry, 2016, 187, 33-39. | 1.7 | 15 |
| 49 | Hydrophobic up-conversion carboxylated nanocellulose/fluoride phosphor composite films modified with alkyl ketene dimer. Carbohydrate Polymers, 2020, 250, 116866. | 10.2 | 15 |
| 50 | Suppression of indirect exchange and symmetry breaking in the antiferromagnetic metal $B_{12}HoB$ with dynamic charge stripes. Physical Review B, 2020, 102, . | 3.2 | 15 |
| 51 | Laser deposition of ZnO films on silicon and sapphire substrates. Quantum Electronics, 2003, 33, 975-980. | 1.0 | 14 |
| 52 | Growth and spectroscopic studies of NaLa(MoO ₄) ₂ :Tm ³⁺ crystals: A new promising laser material. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2008, 105, 538-546. | 0.6 | 14 |
| 53 | Nucleation and growth of fluoride crystals by agglomeration of the nanoparticles. Journal of Crystal Growth, 2014, 401, 63-66. | 1.5 | 14 |
| 54 | Preparation of nanodispersed fluorite-type Sr _{1-x} Rx ₂ +x (R=Er, Yb, Ho) phases from citrate solutions. Journal of Fluorine Chemistry, 2017, 194, 8-15. | 1.7 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----------|-----------|
| 55 | Laser Fabrication and Fragmentation of Selenium Nanoparticles in Aqueous Media. Physics of Wave Phenomena, 2019, 27, 113-118. | 1.1 | 14 |
| 56 | Growth, refined structural and spectroscopic characteristics of Tm ³⁺ -doped NaGd(WO ₄) ₂ single crystals. Journal of Crystal Growth, 2009, 311, 4171-4178. | 1.5 | 13 |
| 57 | Upconversion Luminescence of Fluoride Phosphors SrF ₂ :Er,Yb under Laser Excitation at 1.5 μ m. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2018, 125, 537-542. | 0.6 | 13 |
| 58 | Composite up-conversion luminescent films containing a nanocellulose and SrF ₂ :Ho particles. Cellulose, 2019, 26, 2403-2423. | 4.9 | 13 |
| 59 | Laser-assisted etching of the surface of polycrystalline silicon carbide by copper-vapour laser radiation. Quantum Electronics, 1996, 26, 621-625. | 1.0 | 12 |
| 60 | Heteroepitaxial growth of oxides on sapphire induced by laser radiation in the solid-liquid interface. Applied Physics A: Materials Science and Processing, 1998, 66, 87-92. | 2.3 | 12 |
| 61 | Suppression of superconductivity in $\text{Lu}_x\text{Zr}_{1-x}\text{B}_2$: Evidence of static magnetic moments induced by nonmagnetic impurities. Physical Review B, 2016, 93, . | 3.2 | 12 |
| 62 | Internal segregation of nanoparticles irradiated by laser radiation. JETP Letters, 2004, 80, 684-686. | 1.4 | 11 |
| 63 | Platinum, palladium, and rhodium nanoparticles on the surface of graphene flakes. Russian Journal of Inorganic Chemistry, 2015, 60, 709-714. | 1.3 | 11 |
| 64 | Magnetoresistance Scaling and the Anisotropy of Charge Carrier Scattering in the Paramagnetic Phase of Ho _{0.8} Lu _{0.2} B ₁₂ Cage Glass. JETP Letters, 2018, 107, 30-36. | 1.4 | 11 |
| 65 | Phenomenon of metastable liquation during crystallization. Journal of Crystal Growth, 2005, 275, e637-e641. | 1.5 | 10 |
| 66 | Yttrium oxide nanopowders from carbonate precursors. Russian Journal of Inorganic Chemistry, 2010, 55, 821-827. | 1.3 | 10 |
| 67 | Luminescent properties of solid solutions in the PbF ₂ -EuF ₃ system and lead fluoroborate glass ceramics doped with Eu ³⁺ ions. Optics and Spectroscopy (English Translation of Optika I) 10 Tf 5 | 1.0784314 | 10 |
| 68 | Preparation of NaREF ₄ phases from the sodium nitrate melt. Journal of Fluorine Chemistry, 2019, 218, 69-75. | 1.7 | 10 |
| 69 | Mechanisms and absolute quantum yield of upconversion luminescence of fluoride phosphors. Chinese Optics Letters, 2018, 16, 091901. | 2.9 | 10 |
| 70 | Synthesis of scandium orthoborate powders. Inorganic Materials, 2006, 42, 171-175. | 0.8 | 9 |
| 71 | Morphological Stability of the Solid-Liquid Interface during Melt Crystallization of Ca _{1-x} Sr _x F ₂ Solid Solution. Crystallography Reports, 2018, 63, 837-843. | 0.6 | 9 |
| 72 | Growth and Characterization of Neodymium-Doped Yttrium Scandate Crystal Fiber with a Bixbyite-type Crystal Structure. Crystal Growth and Design, 2020, 20, 4593-4599. | 3.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Optimization of upconversion luminescence excitation mode for deeper in vivo bioimaging without contrast loss or overheating. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 025006. | 2.3 | 9 |
| 74 | Hall effect and symmetry breaking in the nonmagnetic metal B_{12} with dynamic charge stripes. <i>Physical Review B</i> , 2021, 103, . | 3.2 | 9 |
| 75 | Preparation of ceria nanoparticles. <i>Inorganic Materials</i> , 2008, 44, 853-855. | 0.8 | 8 |
| 76 | Synthesis and luminescent characteristics of submicron powders on the basis of sodium and yttrium fluorides doped with rare earth elements. <i>Nanotechnologies in Russia</i> , 2012, 7, 615-628. | 0.7 | 8 |
| 77 | Synthesis and characterization of fluoride xerogels. <i>Inorganic Materials</i> , 2013, 49, 1152-1156. | 0.8 | 8 |
| 78 | Effect of the pH on the formation of NaYF ₄ :Yb:Er nanopowders by co-crystallization in presence of polyethyleneimine. <i>Journal of Fluorine Chemistry</i> , 2014, 158, 60-64. | 1.7 | 8 |
| 79 | Nature of heavy-fermion states arising in the vicinity of an isolated cerium or holmium magnetic impurity in LaB ₆ . <i>JETP Letters</i> , 2015, 101, 36-40. | 1.4 | 8 |
| 80 | Phase diagram of the Li ₂ SO ₄ –Na ₂ SO ₄ system. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3390-3400. | 3.8 | 8 |
| 81 | Low-temperature phase formation in the SrF ₂ –LaF ₃ system. <i>Journal of the American Ceramic Society</i> , 2021, 104, 2836-2848. | 3.8 | 8 |
| 82 | One- and two-photon spectra of Nd ³⁺ clusters in CaF ₂ and SrF ₂ crystals. <i>Quantum Electronics</i> , 2003, 33, 684-688. | 1.0 | 7 |
| 83 | Synthesis of MgAl ₂ O ₄ nanopowders. <i>Inorganic Materials</i> , 2011, 47, 895-898. | 0.8 | 7 |
| 84 | Relaxation of internal stresses in composite second-generation high-temperature superconductors by means of high energy ion irradiation. <i>Physics of Metals and Metallography</i> , 2013, 114, 145-147. | 1.0 | 7 |
| 85 | Soft chemistry synthesis of powders in the BaF ₂ -ScF ₃ system. <i>Russian Journal of Inorganic Chemistry</i> , 2014, 59, 773-777. | 1.3 | 7 |
| 86 | Down-conversion luminescence of Ce-Yb ions in YF ₃ . <i>Optical Materials</i> , 2019, 95, 109256. | 3.6 | 7 |
| 87 | Inhomogeneous superconductivity in $B_{12}X$ dodecaborides with dynamic charge stripes. <i>Physical Review B</i> , 2021, 103, . | 3.2 | 7 |
| 88 | Nanoparticles produced by laser ablation of solids in liquid environment. , 2003, 5121, 212. | | 6 |
| 89 | The study of phase formation processes in GeS _x :Bi (1 < x < 2) chalcogenide glasses. <i>Journal of Non-Crystalline Solids</i> , 2015, 428, 132-137. | 3.1 | 6 |
| 90 | Phase equilibria in systems of gallium sulfate with lithium or sodium sulfate. <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 1508-1513. | 1.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Synthesis and Luminescence Characteristics of LaF ₃ :Yb:Er Powders Produced by Coprecipitation from Aqueous Solutions. Russian Journal of Inorganic Chemistry, 2018, 63, 293-302. | 1.3 | 6 |
| 92 | Boron ¹⁰ B/ ¹¹ B Isotope Substitution as a Probe of the Mechanism Responsible for the Record Thermionic Emission in LaB ₆ with the Jahn-Teller Instability. JETP Letters, 2019, 110, 79-84. | 1.4 | 6 |
| 93 | Evidence of symmetry lowering in antiferromagnetic metal TmB ₁₂ with dynamic charge stripes. Journal of Physics Condensed Matter, 2022, 34, 065602. | 1.8 | 6 |
| 94 | Dependences of HTS tape critical parameters on fluences under irradiation with heavy ions and high energy electrons. Journal of Surface Investigation, 2011, 5, 484-491. | 0.5 | 5 |
| 95 | Bulk and surface electron transport in topological insulator candidate YbB ₆ . Physica Status Solidi - Rapid Research Letters, 2016, 10, 320-323. | 2.4 | 5 |
| 96 | Isosbestic Point and Magnetoresistance Components in Ho _{0.5} Lu _{0.5} B ₁₂ . Journal of Low Temperature Physics, 2016, 185, 522-530. | 1.4 | 5 |
| 97 | Î±-NaYF ₄ :Yb:Er@ALPc(C ₂ O ₃) ₄ -Based efficient up-conversion luminophores capable to generate singlet oxygen under IR excitation. Journal of Fluorine Chemistry, 2016, 182, 104-108. | 1.7 | 5 |
| 98 | Hydrogen generation by laser irradiation of colloids of iron and beryllium in water. Quantum Electronics, 2017, 47, 533-538. | 1.0 | 5 |
| 99 | Synthesis and down-conversion luminescence investigation of CaF ₂ :Yb:Ce powders for photonics. Journal of Fluorine Chemistry, 2019, 222-223, 46-50. | 1.7 | 5 |
| 100 | Hydration of Strontium Chloride and Rare-Earth Element Oxochlorides. Russian Journal of Applied Chemistry, 2005, 78, 1035-1037. | 0.5 | 4 |
| 101 | Fabrication of the Sr ₄ :LiGaSiO ₄ nano-glass-ceramics. Journal of Crystal Growth, 2011, 328, 95-101. | 1.5 | 4 |
| 102 | Effect of Al and Ce ion concentrations on the optical absorption and luminescence in Gd ₃ (Al,Ga) ₅ O ₁₂ :Ce ³⁺ epitaxial films. Inorganic Materials, 2015, 51, 1008-1016. | 0.8 | 4 |
| 103 | Thermal stability of Ba _{1-x} Ca _x F ₂ solid solutions. Solid State Sciences, 2018, 83, 188-191. | 3.2 | 4 |
| 104 | Effect of irradiation by high-energy electron and ion beams on the variation of critical parameters of second-generation YBCO(123) tapes. Doklady Physics, 2009, 54, 451-453. | 0.7 | 3 |
| 105 | Low-temperature phase formation in CaF ₂ :HoF ₃ system. Russian Journal of Inorganic Chemistry, 2017, 62, 1173-1176. | 1.3 | 3 |
| 106 | Influence of Y/Gd ratio on phase formation and spectroscopic properties of NaGd _{0.8} xYxYb _{0.17} Er _{0.03} F ₄ solid solutions. Laser Physics Letters, 2019, 16, 035604. | 1.4 | 3 |
| 107 | In situ growth of superconducting Y-Ba-Cu-O thin films by ion-beam sputtering method. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1993, 21, 5-9. | 3.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Self-organized 3D structures under laser evaporation of solids: formation and properties. , 2003, 5121, 103. | | 2 |
| 110 | <title>Micro- and nano-structuring of brass under laser ablation in liquids</title>. , 2005, , . | | 2 |
| 111 | Microstructure and properties of single-crystal rare-earth oxide fibers. Journal of Surface Investigation, 2011, 5, 986-991. | 0.5 | 2 |
| 112 | Features of the formation of magnetic moments of Tm ³⁺ and Yb ³⁺ rare-earth ions in LuB ₁₂ cage glass. JETP Letters, 2014, 100, 470-476. | 1.4 | 2 |
| 113 | Epitaxial growth of Ce-doped (Pb,Gd) ₃ (Al,Ga) ₅ O ₁₂ films and their optical and scintillation properties. Journal of Science: Advanced Materials and Devices, 2020, 5, 95-103. | 3.1 | 2 |
| 114 | Laser damage threshold of hydrophobic up-conversion carboxylated nanocellulose/SrF ₂ :Ho composite films functionalized with 3-aminopropyltriethoxysilane. Cellulose, 0, , 1. | 4.9 | 2 |
| 115 | Pulsed laser deposition of ZnO thin films in silicon and sapphire. , 2003, , . | | 1 |
| 116 | Formation of silicon nanostructures when a target is ablated by a quasi-continuous laser pulse. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2008, 75, 378. | 0.4 | 1 |
| 117 | Polymorphism of lead oxoborate. Thermochemica Acta, 2015, 612, 34-39. | 2.7 | 1 |
| 118 | Tuning of exchange by band filling in low-carrier-density magnet Eu(Gd)B ₆ . Physica Status Solidi (B): Basic Research, 2017, 254, 1600571. | 1.5 | 1 |
| 119 | Growth and the Actual Compositions of Cation-Deficient Sodium-Gadolinium Molybdate Single Crystals. Crystal Research and Technology, 2020, 55, 1900238. | 1.3 | 1 |
| 120 | Thermoelectric Properties of Metallic Hexaborides RB ₆ (R = La, Pr, Nd, Gd). Physics of the Solid State, 2021, 63, 414-419. | 0.6 | 1 |
| 121 | Microcrystal ordering and second-order optical susceptibilities of zinc oxide films. Journal of Applied Physics, 2022, 131, 053105. | 2.5 | 1 |
| 122 | Formation of oriented structures by laser heating of solid-solid interfaces. Applied Physics A: Solids and Surfaces, 1990, 51, 160-162. | 1.4 | 0 |
| 123 | Magnetic anisotropy of (100) and (110) oriented (Gd,Bi) ₃ Fe ₅ O ₁₂ films. Technical Physics, 1997, 42, 978-979. | 0.7 | 0 |
| 124 | Influence of substitutions on the magnetic anisotropy of Gd-containing magneto-optic iron garnet films. Technical Physics, 1998, 43, 584-587. | 0.7 | 0 |
| 125 | Characterization of profiled LiNbO ₃ and SBN crystals by X-ray diffraction. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, c441-c442. | 0.3 | 0 |
| 126 | <title>Laser induced synthesis of nanoparticles in liquids</title>. , 2005, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Investigation into the critical current of second-generation wire-tapes based on the GdBa ₂ Cu ₃ O ₇ (GdBCO) high-temperature superconductor fabricated by pulsed laser deposition. Doklady Physics, 2014, 59, 163-165. | 0.7 | 0 |
| 128 | Transparent Cr:LiGaSiO ₄ nano-glass-ceramics as the promising laser material. , 2014, , . | | 0 |
| 129 | Synthesis and study of barium fluoride powder doped with scandium as scintillation ceramics charge. , 2014, , . | | 0 |
| 130 | Synthesis and study of M _{1-x} Yb _x Er _y F _{2+x+y} (M = Ca, Ba) efficient up-conversion luminophores for biomedical applications. , 2016, , . | | 0 |
| 131 | Second Harmonic Generation in Thin Zinc Sulfide Films. Physics of Wave Phenomena, 2018, 26, 9-15. | 1.1 | 0 |
| 132 | Optimization of upconversion nanoparticles excitation regimes for selective heating and effective thermometry in biological tissues. , 2018, , . | | 0 |
| 133 | Spectroscopic Characteristics of Cr:Mg ₂ SiO ₄ Laser Crystals Grown from Non-Stoichiometric Melts. , 2018, , . | | 0 |
| 134 | Effect of melt non-stoichiometry on chromium entry into Cr:Mg ₂ SiO ₄ crystals. Journal of Crystal Growth, 2019, 523, 125153. | 1.5 | 0 |