

Liudmila I Ivleva

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180
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L-index

#	Paper	IF	Citations
162	Raman spectroscopy of crystals for stimulated Raman scattering. <i>Optical Materials</i> , 1999 , 11, 307-314	3.3	145
161	SrWO ₄ :Nd ³⁺ new material for multifunctional lasers. <i>Optical Materials</i> , 2003 , 23, 439-442	3.3	93
160	Growth of SBN single crystals by Stepanov technique for photorefractive applications. <i>Optical Materials</i> , 1995 , 4, 168-173	3.3	80
159	Performance of ZnMoO ₄ crystal as cryogenic scintillating bolometer to search for double beta decay of molybdenum. <i>Journal of Instrumentation</i> , 2010 , 5, P11007-P11007	1	79
158	Stimulated Raman scattering in alkaline-earth tungstate crystals. <i>Quantum Electronics</i> , 2000 , 30, 55-59	1.8	68
157	Ferroelectric properties of strontium barium niobate crystals doped with rare-earth metals. <i>Physics of the Solid State</i> , 2000 , 42, 2129-2136	0.8	63
156	Atomic structure of Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ single crystal and composition-structure-property relation in (Sr,Ba)Nb ₂ O ₆ solid solutions. <i>Physics of the Solid State</i> , 2000 , 42, 1716-1721	0.8	56
155	Luminescent and laser properties of Yb ³⁺ :GdCa ₄ O(BO ₃) ₃ : a new crystal for eye-safe 1.5- μ m lasers. <i>Applied Physics B: Lasers and Optics</i> , 2004 , 79, 577-581	1.9	52
154	Luminescence investigation of zinc molybdate single crystals. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009 , 206, 1579-1583	1.6	45
153	Growth and properties of ZnMoO ₄ single crystals. <i>Crystallography Reports</i> , 2008 , 53, 1087-1090	0.6	45
152	Nd:SrWO ₄ and Nd:BaWO ₄ Raman lasers. <i>Optical Materials</i> , 2007 , 30, 195-197	3.3	39
151	Passive Q-switching at 1.54 μ m of an Er ³⁺ :GdCa ₄ O(BO ₃) ₃ laser with a Co ²⁺ :MgAl ₂ O ₄ saturable absorber. <i>Applied Physics B: Lasers and Optics</i> , 2005 , 81, 49-52	1.9	34
150	Effects of rare-earth impurity doping on the ferroelectric and photorefractive properties of strontium barium niobate crystals. <i>Optical Materials</i> , 2001 , 18, 179-182	3.3	31
149	Demonstration of high self-Raman laser performance of a diode-pumped SrMoO ₄ :Nd ³⁺ crystal. <i>Optics Letters</i> , 2009 , 34, 1102-4	3	29
148	Nanodomain structures formation during polarization reversal in uniform electric field in strontium barium niobate single crystals. <i>Journal of Applied Physics</i> , 2012 , 112, 064117	2.5	28
147	Thermal hysteresis in the luminescence of Yb ³⁺ ions in Sr _{0.6} Ba _{0.4} Nb ₂ O ₆ . <i>Physical Review B</i> , 2006 , 73,	3.3	28
146	Thermal hysteresis in the luminescence of Cr ³⁺ ions in Sr _{0.6} Ba _{0.4} (NbO ₃) ₂ . <i>Applied Physics Letters</i> , 2004 , 84, 2787-2789	3.4	28

145	Evaluation of ytterbium doped strontium barium niobate as a potential tunable laser crystal in the visible. <i>Journal of Applied Physics</i> , 2004 , 95, 6185-6191	2.5	28
144	Ferroelectric microdomains and microdomain arrays recorded in strontiumBarium niobate crystals in the field of atomic force microscope. <i>Journal of Applied Physics</i> , 2010 , 108, 042010	2.5	27
143	Double phase-conjugate mirror: experimental investigation and comparison with theory. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1992 , 9, 1493	1.7	27
142	Growth of optically homogeneous BaWO ₄ single crystals for Raman lasers. <i>Journal of Crystal Growth</i> , 2007 , 304, 108-113	1.6	25
141	Lasing properties of selectively pumped Raman-active Nd ³⁺ -doped molybdate and tungstate crystals. <i>Quantum Electronics</i> , 2006 , 36, 720-726	1.8	25
140	Nonlinear surface waves on the boundary of a photorefractive crystal. <i>Quantum Electronics</i> , 2010 , 40, 437-440	1.8	24
139	Recording of domains and regular domain patterns in strontiumBarium niobate crystals in the field of atomic force microscope. <i>Applied Physics B: Lasers and Optics</i> , 2009 , 95, 505-512	1.9	24
138	Luminescence peculiarities and optical properties of MgMoO ₄ and MgMoO ₄ :Yb crystals. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2009 , 106, 556-563	0.7	24
137	Effects of Ni doping on properties of strontiumBariumniobate crystals. <i>Solid State Communications</i> , 2004 , 130, 223-226	1.6	24
136	Ferroelectric domain structure in SBN crystals (Its statics and dynamics). <i>Crystallography Reports</i> , 2002 , 47, 1023-1030	0.6	24
135	Study of ferroelectric domain switching by domain wall induced light scattering. <i>Journal of Applied Physics</i> , 2005 , 97, 074102	2.5	23
134	Stimulated Raman scattering of picosecond pulses in SrMoO ₄ and Ca ₃ (VO ₄) ₂ crystals. <i>Quantum Electronics</i> , 2003 , 33, 331-334	1.8	22
133	Ferroelectric switching of strontiumBariumniobate crystals in pulsed fields. <i>Applied Physics Letters</i> , 2003 , 83, 2220-2222	3.4	20
132	Physicochemical and technological peculiarities of multicomponent oxide crystal growth from melt by modified Stepanov technique. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009 , 73, 1338-1340	0.4	19
131	Laser performance of Yb:GdCa ₄ O(BO ₃) ₃ compared to Yb:KGd(WO ₄) ₂ under diode-bar pumping. <i>Laser Physics</i> , 2007 , 17, 1204-1208	1.2	19
130	The kinetic characteristics of polarization of relaxor ferroelectrics. <i>Journal of Experimental and Theoretical Physics</i> , 2001 , 93, 596-603	1	18
129	Characteristics of surface photorefractive waves in a nonlinear SBN-75 crystal coated with a metal film. <i>Quantum Electronics</i> , 2013 , 43, 14-20	1.8	16
128	Efficient conversion of Nd:YAG laser radiationto the eye-safe spectral region by stimulated Raman scatteringin BaWO ₄ crystal. <i>Quantum Electronics</i> , 2010 , 40, 710-715	1.8	16

127	Creation of domains and domain patterns on the nonpolar surface of $\text{Sr}_x\text{Ba}_{1-x}\text{Nb}_2\text{O}_6$ crystals by atomic force microscopy. <i>JETP Letters</i> , 2013 , 97, 483-489	1.2	15
126	Comparative study of the lasing properties of self-Raman capable Nd^{3+} doped tungstates and molybdates under diode pumping. <i>Optical Materials</i> , 2007 , 30, 54-57	3.3	15
125	Increase of light-beam coherence by two-wave mixing in photorefractive crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1993 , 10, 2287	1.7	15
124	Second harmonic generation in a strontium barium niobate crystal with a random domain structure. <i>JETP Letters</i> , 2008 , 87, 98-102	1.2	13
123	Atomic structure of $(\text{Sr}_{0.50}\text{Ba}_{0.50})\text{Nb}_2\text{O}_6$ single crystals in the series of $(\text{Sr}_x\text{Ba}_{1-x})\text{Nb}_2\text{O}_6$ compounds. <i>Crystallography Reports</i> , 2002 , 47, 213-216	0.6	13
122	The growth of multicomponent oxide single crystals by stepanov's technique. <i>Journal of Crystal Growth</i> , 1987 , 82, 168-176	1.6	13
121	Temperature Effect on the Stability of the Polarized State Created by Local Electric Fields in Strontium Barium Niobate Single Crystals. <i>Scientific Reports</i> , 2017 , 7, 125	4.9	12
120	X-ray powder diffraction methods for the determination of composition and structural parameters of Cr- and Ni-doped $\text{Sr}_{0.61}\text{Ba}_{0.39}\text{Nb}_2\text{O}_6$ crystals. <i>Journal of Alloys and Compounds</i> , 2015 , 638, 159-165	5.7	12
119	Second harmonic generation in microdomain gratings fabricated in strontium-barium niobate crystals with an atomic force microscope. <i>Journal of Applied Physics</i> , 2011 , 110, 052015	2.5	12
118	Growth and ferroelectric properties of Nd-doped strontium-barium niobate crystals. <i>Journal of Crystal Growth</i> , 2002 , 237-239, 700-702	1.6	12
117	Polarization and depolarization of relaxor ferroelectric strontium barium niobate. <i>Physics of the Solid State</i> , 2000 , 42, 1334-1340	0.8	12
116	Four-wave-mixing and nonlinear cavity dumping of 280 picosecond 2nd Stokes pulse at 1.3 μm from Nd:SrMoO ₄ self-Raman laser. <i>Laser Physics Letters</i> , 2016 , 13, 015801	1.5	12
115	Luminescence of Rare Earth Ions in Strontium Barium Niobate Around the Phase Transition: The Case of Tm^{3+} Ions. <i>Ferroelectrics</i> , 2008 , 363, 150-162	0.6	11
114	Polarization anomalies in a relaxor ferroelectric. <i>JETP Letters</i> , 2000 , 71, 24-26	1.2	11
113	Formation of single domain state and spontaneous backswitching in SBN single crystal. <i>Ferroelectrics</i> , 2016 , 496, 149-156	0.6	11
112	$\text{Ca}_3(\text{VO}_4)_2:\text{Tm}^{3+}$ a new crystalline medium for 2- μm lasers. <i>Journal of Crystal Growth</i> , 2018 , 501, 18-21	1.6	11
111	Impact of $\text{Tm}^{3+}/\text{Ho}^{3+}$ co-doping on spectroscopic and laser properties of $\text{Ca}_3(\text{VO}_4)_2$ single crystal. <i>Journal of Crystal Growth</i> , 2019 , 513, 10-14	1.6	10
110	Synthesis, characterization, spectroscopy, and laser operation of SrMoO ₄ crystals co-doped with Tm^{3+} and Ho^{3+} . <i>Journal of Crystal Growth</i> , 2015 , 432, 1-5	1.6	10

109	Multi-wavelength picosecond BaWO ₄ Raman laser with long and short Raman shifts and 12-fold pulse shortening down to 3 ps at 1227 nm. <i>Laser Physics</i> , 2018 , 28, 025403	1.2	10
108	Surface photorefractive wave on the boundary of a photorefractive metal-coated crystal. <i>Quantum Electronics</i> , 2011 , 41, 262-266	1.8	10
107	Parametric second Stokes Raman laser output pulse shortening to 300 ps due to depletion of pumping of intracavity Raman conversion. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	1.9	10
106	Phase transition of the uniaxial disordered ferroelectric Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 185901	1.8	9
105	Effect of Ni doping on ferroelectric and dielectric properties of strontium barium niobate crystals. <i>Applied Physics B: Lasers and Optics</i> , 2012 , 106, 143-150	1.9	9
104	Eye-safe Nd :YVO ₄ laser with intracavity SRS in a BaWO ₄ crystal. <i>Quantum Electronics</i> , 2012 , 42, 27-30	1.8	9
103	Formation of nanodomain ensembles during polarization reversal in Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ : Ce single crystals. <i>Physics of the Solid State</i> , 2011 , 53, 2311-2315	0.8	9
102	Scanning probe microscopy investigation of ferroelectric properties of barium strontium niobate crystals. <i>Physics of the Solid State</i> , 2011 , 53, 2468-2475	0.8	9
101	Modification of the optical and photorefractive properties of Ce-doped strontiumBarium niobate by co-doping with a nonphotorefractive La impurity. <i>Applied Physics Letters</i> , 2001 , 79, 854-856	3.4	9
100	Spectroscopic and laser properties of Tm ³⁺ ions in Ca ₃ (VO ₄) ₂ crystal. <i>Journal of Luminescence</i> , 2019 , 205, 482-486	3.8	9
99	Local switching in SBN:Ni single crystals with various initial domain states. <i>Ferroelectrics</i> , 2018 , 525, 100-107	1.07	8
98	Growth and spectral-luminescent study of SrMoO ₄ crystals doped with Tm ³⁺ ions. <i>Doklady Physics</i> , 2016 , 61, 119-123	0.8	8
97	Structural peculiarities and point defects of undoped and Cr- and Ni-doped Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ crystals. <i>Acta Materialia</i> , 2014 , 70, 208-217	8.4	8
96	Low-threshold parametric Raman generation of high-order Raman components in crystals. <i>Applied Physics B: Lasers and Optics</i> , 2014 , 117, 225-234	1.9	8
95	Four-wave-mixing generation of SRS components in BaWO ₄ and SrWO ₄ crystals under picosecond excitation. <i>Quantum Electronics</i> , 2013 , 43, 616-620	1.8	8
94	Influence of electron irradiation on optical properties of scheelite crystals. <i>Laser Physics</i> , 2010 , 20, 635-642	1.2	8
93	Diffuse second harmonic generation under the ferroelectric switching in Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ crystals. <i>Applied Physics Letters</i> , 2008 , 92, 032904	3.4	8
92	X-ray diffraction study of cerium-and thulium-doped (Sr,Ba)Nb ₂ O ₆ single crystals. <i>Crystallography Reports</i> , 2003 , 48, 933-938	0.6	8

91	Structure and real composition of undoped and Cr- and Ni-doped Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ single crystals. <i>Structural Chemistry</i> , 2016 , 27, 1623-1634	1.8	7
90	Processes of the relaxation of regular microdomain structures recorded in ferroelectric strontium-barium niobate crystals in the field of an atomic force microscope. <i>JETP Letters</i> , 2009 , 90, 303-309	1.2	7
89	Creation of microdomains in an atomic force microscope in strontium-barium niobate ferroelectric crystals. <i>JETP Letters</i> , 2007 , 86, 268-271	1.2	7
88	Photo-luminescence studies of strontium barium niobate crystals doped with Cr ³⁺ ions. <i>Chemical Physics Letters</i> , 2006 , 417, 196-199	2.5	7
87	New structural effects in SrMoO ₄ :Tm ³⁺ /Ho ³⁺ crystals. <i>CrystEngComm</i> , 2017 , 19, 295-303	3.3	6
86	A comprehensive structural analysis of relaxor ferroelectric Cr- and Ni-doped Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ crystals. <i>Journal of Alloys and Compounds</i> , 2017 , 724, 879-888	5.7	6
85	Phase transition of chemically doped uniaxial relaxor ferroelectric. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 435901	1.8	6
84	Investigation of ferroelectric properties of strontium barium niobate crystals by second harmonic generation technique. <i>Physics of the Solid State</i> , 2009 , 51, 2334-2341	0.8	6
83	Composite waveguide on a photorefractive crystal. <i>Quantum Electronics</i> , 2011 , 41, 924-928	1.8	6
82	Luminescence life time and time-resolved spectroscopy of Cr ³⁺ ions in strontium barium niobate. <i>Journal of Luminescence</i> , 2006 , 119-120, 453-456	3.8	6
81	Photorefractive parametric scattering in the ferroelectric relaxor SBN: Phenomenological and application aspects. <i>Physical Review B</i> , 2005 , 71,	3.3	6
80	Growth and properties of manganese doped Ca ₃ (VO ₄) ₂ single crystals. <i>Journal of Crystal Growth</i> , 2021 , 555, 125965	1.6	6
79	Spectroscopic and laser properties of SrMoO ₄ :Tm ³⁺ crystal under 1700-nm laser diode pumping. <i>Optical Materials</i> , 2016 , 60, 119-122	3.3	5
78	Microdomain Arrays Fabricated in Strontium-Barium Niobate Crystals by Microscopic Methods. <i>Ferroelectrics</i> , 2013 , 442, 63-73	0.6	5
77	Double Loops Formation in Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ Single Crystals in Relaxor Phase. <i>Ferroelectrics</i> , 2013 , 443, 116-123	0.6	5
76	Switching kinetics of a relaxor ferroelectric Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ observed by the second harmonic generation method. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009 , 206, 321-325	1.6	5
75	Evolution of the dielectric and acoustic parameters of chromium-doped SBN single crystals with variations in temperature. <i>Physics of the Solid State</i> , 2009 , 51, 577-581	0.8	5
74	Study of the temperature dependence of the electrical conductivity in strontium-barium niobate crystals with different dopants. <i>Crystallography Reports</i> , 2007 , 52, 328-331	0.6	5

73	Photorefractive properties of cobalt-doped strontium barium niobate crystals. <i>Quantum Electronics</i> , 1999 , 29, 449-453	1.8	5
72	Growth and spectral-luminescence characteristics of modified BGO crystals. <i>Journal of Crystal Growth</i> , 2019 , 525, 125205	1.6	4
71	Comparison of Acoustic and Nonlinear Optic Properties of Strontium Barium Niobate Crystals of Different Compositions. <i>Ferroelectrics</i> , 2019 , 538, 126-134	0.6	4
70	SrMoO ₄ :Pr ³⁺ single crystals: Growth and properties. <i>Doklady Physics</i> , 2015 , 60, 122-126	0.8	4
69	Investigation of the Thermal Conductivity of Tungstate Crystals. <i>Crystallography Reports</i> , 2018 , 63, 111-116		4
68	Structure and composition peculiarities and spectral-luminescent properties of colorless and pink Bi ₄ Ge ₃ O ₁₂ scintillation crystals. <i>Arabian Journal of Chemistry</i> , 2018 , 11, 1270-1280	5.9	4
67	Studying the Nonlinear Optical Response from Local Polar Inhomogeneities in Strontium Barium Niobate Crystals of Different Chemical Composition. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2018 , 82, 261-265	0.4	4
66	Dependence of acoustic anomalies on chemical composition in strontium barium niobate crystals (from conventional ferroelectric to relaxor) probed by Brillouin light scattering. <i>Ferroelectrics</i> , 2019 , 542, 21-27	0.6	4
65	Investigation of thermophysical characteristics of SrMoO ₄ crystals, nominally pure and doped with rare earth ions. <i>Crystallography Reports</i> , 2015 , 60, 915-920	0.6	4
64	Dynamic Holography Method for Nondestructive Testing of Optical Homogeneity of Transparent Media. <i>Crystallography Reports</i> , 2010 , 55, 1000-1005	0.6	4
63	Hydroxyl ions in scheelite type molybdates and tungstates. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007 , 4, 856-859		4
62	Electro-optical properties of strontium-barium niobate crystals and their relation to the domain structure of the crystals. <i>Physics of the Solid State</i> , 2005 , 47, 305	0.8	4
61	The problems of growing cation-deficient Ca ₃ (Nb,Ga) ₂ Ga ₃ O ₁₂ garnet by Stepanov's technique. <i>Journal of Crystal Growth</i> , 1990 , 104, 84-87	1.6	4
60	Influence of the domain structure on piezoelectric and dielectric properties of relaxor SBN single crystals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 443, 012031	0.4	4
59	Synthesis, Structure, and Dielectric Characteristics of Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ Single Crystals and Thin Films. <i>Physics of the Solid State</i> , 2019 , 61, 244-248	0.8	3
58	The Behavior of Current and Dielectric Response in SBN-75:Cr Single Crystal under Illumination Effect. <i>Ferroelectrics</i> , 2014 , 469, 92-96	0.6	3
57	X-ray source on the basis of the piezoelectric crystal Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ . <i>AIP Advances</i> , 2017 , 7, 115313	1.5	3
56	Formation of self-assembled nanodomain structures in single crystals of uniaxial ferroelectrics lithium niobate, lithium tantalate and strontium barium niobate. <i>Journal of Advanced Dielectrics</i> , 2014 , 04, 1450006	1.3	3

55	Stimulated Raman scattering of 18 picosecond laser pulses in strontium barium niobate crystal. <i>Laser Physics Letters</i> , 2012 , 9, 519-523	1.5	3
54	Investigation of hysteresis loops in SBN single crystal. <i>Journal of Physics: Conference Series</i> , 2007 , 93, 012020	0.3	3
53	Study of ferroelectric switching by domain-wall induced light scattering. <i>JETP Letters</i> , 2004 , 80, 258-262	1.2	3
52	Polarization of strontium-barium niobate crystals in pulsed fields. <i>Physics of the Solid State</i> , 2003 , 45, 1537-1542	0.8	3
51	Frequency scanning of a laser with a Littman-Metcalf cavity using an electrooptic deflector. <i>Quantum Electronics</i> , 2001 , 31, 825-828	1.8	3
50	Growth defects in barium-strontium niobate crystals. <i>Crystal Research and Technology: Journal of Experimental and Industrial Crystallography</i> , 1977 , 12, 1157-1162		3
49	Nanosecond parametric Raman anti-Stokes SrWO laser at 507 nm with collinear phase matching. <i>Optics Express</i> , 2020 , 28, 22919-22932	3.3	3
48	Domain Switching by Electron Beam Irradiation in SBN61:Ce Single Crystals Covered by Dielectric Layer. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020 , 67, 191-196	3.2	3
47	Local structural features and composition of the Bi ₄ Ge ₃ O ₁₂ :Dy ³⁺ crystals: effect of doping concentration. <i>CrystEngComm</i> , 2020 , 22, 5666-5677	3.3	3
46	Micro-Raman domain imaging in calcium orthovanadate single crystals. <i>Ferroelectrics</i> , 2021 , 576, 85-93	0.6	3
45	Pure and Tm ³⁺ -doped Ca ₃ (VO ₄) ₂ crystals: Growth, statistical and local structure, and luminescent properties. <i>Journal of Alloys and Compounds</i> , 2021 , 854, 155918	5.7	3
44	Optical investigations of fluctuation of order parameter in THz range in Sr _x Ba _{1-x} Nb ₂ O ₆ crystals with different chemical compositions. <i>Ferroelectrics</i> , 2020 , 560, 102-109	0.6	2
43	Backswitching effect in relaxor SBN crystals, studied by PFM-spectroscopy. <i>Ferroelectrics, Letters Section</i> , 2017 , 44, 65-72	0.5	2
42	Temperature Dependence of Domain Switching in Cr Doped Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ Single Crystals. <i>Ferroelectrics</i> , 2012 , 426, 97-102	0.6	2
41	Growth of single crystals of sodium vanadate bronze and investigation into their physicochemical and emission-getter characteristics. <i>Nanotechnologies in Russia</i> , 2011 , 6, 379-386	0.6	2
40	Some new approaches for development of mid-IR laser sources 2008 ,		2
39	Structural conditionality for the quadratic nonlinear susceptibility of Sr _{1-x} Ba _x Nb ₂ O ₆ crystals. <i>Crystallography Reports</i> , 2007 , 52, 1056-1060	0.6	2
38	Effect of gamma irradiation on the dielectric response of a Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ relaxor single crystal. <i>Physics of the Solid State</i> , 2006 , 48, 1117-1119	0.8	2

37	Slow Polarization Kinetics in Relaxor Ferroelectrics. <i>Ferroelectrics</i> , 2003 , 285, 275-281	0.6	2
36	Observation of amplitude gratings in nonpoled strontium barium niobate crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998 , 15, 2169	1.7	2
35	Thulium optical centers in Tm,Nb:SrMoO ₄ crystal. <i>Journal of Luminescence</i> , 2017 , 184, 44-47	3.8	1
34	Temperature dependence of the spontaneous polarization, acoustic and strain anomalies in strontium barium niobate crystals of different chemical compositions probed by the second harmonic generation technique. <i>Ferroelectrics</i> , 2020 , 560, 54-60	0.6	1
33	Diode-pumped SrMoO ₄ :Tm ³⁺ crystal lasing near 1500 nm. <i>Laser Physics Letters</i> , 2018 , 15, 045802	1.5	1
32	Study of Domain Kinetics in SBN Single Crystals in Electric Field Applied by Suspension of Silver Nanoparticles. <i>Ferroelectrics</i> , 2013 , 443, 45-53	0.6	1
31	Crystal growth and physical properties of $\text{ErNa}_2\text{V}_2\text{O}_5$ bronze. <i>Journal of Crystal Growth</i> , 2011 , 336, 89-93	1.6	1
30	Effect of illumination on a dielectric nonlinearity in Cr-doped SBN-75 single crystal. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011 , 75, 1399-1402	0.4	1
29	Polarization Reversal Kinetics in Strontium Barium Niobate Relaxor Crystals. <i>Ferroelectrics</i> , 2011 , 413, 311-327	0.6	1
28	Effect of illumination on the long-term relaxation of polarization in an SBN-75+0.01 at. % Cr single crystal. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010 , 74, 1238-1239	0.4	1
27	Lasing properties of new Nd ³⁺ -doped tungstate, molybdate, and fluoride materials under selective optical pumping 2006 ,		1
26	Temperature-dependent coherent oscillation in photorefractive relaxor strontium barium niobate. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005 , 22, 1648	1.7	1
25	Bistable luminescence of trivalent rare-earth ions in crystals. <i>Journal of Luminescence</i> , 2006 , 119-120, 314-317	3.8	1
24	Picosecond stimulated Raman scattering in new crystals Nd:SrWO ₄ and SrMoO ₄ 2003 ,		1
23	Erbium luminescence in 3D- and 2D-mesoporous matrices 2004 ,		1
22	Switching of SBN crystals: Comparison with the model case (DTGS). <i>Crystallography Reports</i> , 2004 , 49, 1018-1027	0.6	1
21	The Slow Processes of Polarization Relaxation in the SBN and Doped SBN Single Crystals with Tungsten Bronze Structure. <i>Ferroelectrics</i> , 2004 , 299, 191-196	0.6	1
20	Polarization kinetics of a photosensitive relaxor ferroelectric. <i>Physics of the Solid State</i> , 2005 , 47, 298	0.8	1

19	Experimental investigation of a system of two coupled double phase conjugate mirrors. <i>Optics Communications</i> , 1992 , 93, 107-111	2	1
18	Growth and analysis of barium-sodium niobate crystals. <i>Crystal Research and Technology: Journal of Experimental and Industrial Crystallography</i> , 1976 , 11, 1113-1118		1
17	Eye-safe, Diode-pumped, Passively Q-switched, Self-Raman Nd:SrMoO ₄ Laser Generating at 4F _{3/2} → 4I _{13/2} Transition 2017 ,		1
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- 1 Photoconduction of Polar and Nonpolar Cuts of Undoped $\text{Sr}_{0.61}\text{Ba}_{0.39}\text{Nb}_2\text{O}_6$ Single Crystals. *Crystals*, **2021**, 11, 780 2.3