Galina Kuzmicheva

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Growth and structural X-ray investigations of scheelite-like single crystals Er, Ce:NaLa(MoO4)2 and Yb:NaGd(WO4)2. Journal of Crystal Growth, 2005, 275, e1835-e1842.	0.7	64
2	Nonlinear optical response of bulk ZnO crystals with different content of intrinsic defects. Optical Materials, 2018, 84, 738-747.	1.7	46
3	Synthesis, characterization, and properties of nanoscale titanium dioxide modifications with anatase and ÎTiO2 structures. Crystallography Reports, 2010, 55, 866-871.	0.1	35
4	X-ray Diffraction Study of the Structure and Defect System of Yb-Activated (Na0.5Gd0.5)WO4 Crystals. Inorganic Materials, 2003, 39, 151-160.	0.2	31
5	Crystal structure of Ru(Sr,Gd)2(Gd,Sr)Cu2O8 and Ru(Sr,Eu)2(Eu,Ce)2Cu2O10 phases. Physica C: Superconductivity and Its Applications, 2001, 350, 105-114.	0.6	27
6	Growth and X-ray Diffraction Study of YCa4O(BO3)3:Ce,Er,Yb Crystals. Inorganic Materials, 2001, 37, 1051-1060.	0.2	27
7	Influence of Point Defects on the Electrical Conductivity and Dielectric Properties of Langasite. Inorganic Materials, 2005, 41, 1218-1221.	0.2	27
8	Symmetry of (Na0.5R0.5)MO4 crystals (R = Gd, La; M = W, Mo). Russian Journal of Inorganic Chemistry, 2010, 55, 1448-1453.	0.3	24
9	The color of langatate crystals and its relationship with composition and optical properties. Crystal Research and Technology, 2012, 47, 131-138.	0.6	23
10	Composition, structural parameters, and color of langatate. Inorganic Materials, 2010, 46, 988-993.	0.2	22
11	Crystallochemical Design of Huntite-Family Compounds. Crystals, 2019, 9, 100.	1.0	22
12	Synthesis and physico-chemical properties of poly(N-vinyl pyrrolidone)-based hydrogels with titania nanoparticles. Journal of Materials Science, 2020, 55, 3005-3021.	1.7	22
13	X-ray diffraction study of La3Ga5.5Ta0.5O14 and La3Ga5.5Nb0.5O14 langasite-type single crystals. Inorganic Materials, 2005, 41, 412-419.	0.2	20
14	On the nature of the phase "Î-TiO ₂ ― New Journal of Chemistry, 2016, 40, 151-161.	1.4	20
15	Synthesis and morphology of anatase and ÎTiO2 nanoparticles. Inorganic Materials, 2011, 47, 489-494.	0.2	17
16	Influence of initial charge composition and growth/annealing atmospheres on the structural parameters of Czochralski-grown (Na _x Gd _{1â^'x})MoO ₄ crystals. CrystEngComm, 2016, 18, 2921-2928.	1.3	17
17	Zeolite–titanium dioxide nanocomposites: Preparation, characterization, and adsorption properties. Nanotechnologies in Russia, 2016, 11, 579-592	0.7	17
18	Preparation of pickering-emulsion-based capsules with shells composed of titanium dioxide nanoparticles and polyelectrolyte layers. Colloid Journal, 2017, 79, 198-203.	0.5	17

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19	Lanthanide Oxide Sulphides. Russian Chemical Reviews, 1988, 57, 209-220.	2.5	16
20	Synthesis and electrochemical properties of lithium iron phosphate. Russian Journal of Applied Chemistry, 2011, 84, 1744-1747.	0.1	16
21	Efficiency of sensitizing nano-titania with organic dyes and peroxo complexes. Applied Nanoscience (Switzerland), 2015, 5, 125-133.	1.6	16
22	Changing the characteristics and properties of zeolite Y and nano-anatase in the formation of a nano-anatase/Y composite with improved photocatalytic and adsorption properties. Applied Nanoscience (Switzerland), 2018, 8, 19-31.	1.6	15
23	Preparation and Structure of AgGa1 – x In x Se2 Single Crystals. Inorganic Materials, 2003, 39, 1028-1034.	0.2	14
24	Point defects in langatate crystals. Crystallography Reports, 2009, 54, 279-282.	0.1	14
25	Physicochemical properties of La3Ga5.5Ta0.5O14. Inorganic Materials, 2010, 46, 1131-1136.	0.2	14
26	Evaluation of stability region for scandium-containing rare-earth garnet single crystals and their congruent-melting compositions. Journal of Crystal Growth, 2017, 468, 452-456.	0.7	14
27	Isomorphous substitutions in sillenite-family single-crystal Bi24(M2-Mn4+)O40 solid solutions (M = Al3+, Fe3+, Ge4+, Ti4+, Cr4+, V5+). Journal of Crystal Growth, 2019, 507, 413-420.	0.7	14
28	Structure and Properties of LiGaO2Crystals. Inorganic Materials, 2001, 37, 281-285.	0.2	13
29	Growth, refined structural and spectroscopic characteristics of Tm3+-doped NaGd(WO4)2 single crystals. Journal of Crystal Growth, 2009, 311, 4171-4178.	0.7	13
30	Influence of the conditions of the sulfate method on the characteristics of nanosized anatase-type samples. Russian Chemical Bulletin, 2012, 61, 2049-2055.	0.4	13
31	Structural features of compounds of the sillenite family. Crystallography Reports, 2014, 59, 353-361.	0.1	13
32	X-ray powder diffraction methods for the determination of composition and structural parameters of Cr- and Ni-doped Sr0.61Ba0.39Nb2O6 crystals. Journal of Alloys and Compounds, 2015, 638, 159-165.	2.8	13
33	Nanosized low-temperature phases of titanium(iv) oxide with anatase and Îphase structures: composition, structure, and photocatalytic properties. Russian Chemical Bulletin, 2018, 67, 1350-1363.	0.4	13
34	Growth and X-ray Diffraction Study of Tl4Hgl6Crystals. Inorganic Materials, 2004, 40, 314-320.	0.2	12
35	Structure and properties of AgCl1 ? x Brx (x = 0.5?0.8) optical fibers. Inorganic Materials, 2005, 41, 178-181.	0.2	12
36	Structural perfection of (Na0.5Gd0.5)MoO4:Yb laser crystals. Acta Materialia, 2015, 87, 25-33.	3.8	11

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37	Generation of the Reactive Oxygen Species on the surface of nanosized titanium(IV) oxides particles under UV-irradiation and their connection with photocatalytic properties. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 393, 112424.	2.0	11
38	Preparation, Structure, and Properties of New Laser Crystals Y2SiBe2O7and Y2Al(BeB)O7. Inorganic Materials, 2002, 38, 60-65.	0.2	10
39	X-ray Diffraction Study of the Structure and Defect System of Nominally Pure and Er3+- and Ce3+-Activated (Na0.5La0.5)MoO4 Crystals. Inorganic Materials, 2005, 41, 998-1009.	0.2	10
40	Growth and structural, optical, and electrical properties of zincite crystals. Crystallography Reports, 2013, 58, 226-233.	0.1	10
41	Development of methods of X-ray diffraction analysis for determining the composition and structure of sillenite-family crystals. Crystallography Reports, 2014, 59, 155-159.	0.1	10
42	Specific physical and chemical properties of two modifications of poly(N-vinylcaprolcatam). Crystallography Reports, 2016, 61, 421-427.	0.1	10
43	Structural Instability in Single-Crystal Rare-Earth Scandium Borates <i>RE</i> Sc ₃ (BO ₃) ₄ . Crystal Growth and Design, 2018, 18, 1571-1580.	1.4	10
44	Growth of Y3Al5O12 Crystals for Jewelry. Inorganic Materials, 2003, 39, 959-970.	0.2	9
45	Unusual structural properties of (Na0.5La0.5)MoO4:Er,Ce crystals. Inorganic Materials, 2006, 42, 303-309.	0.2	9
46	Composition, microstructure, and properties of anatase and ÎTiO2 nanoparticles. Inorganic Materials, 2011, 47, 753-758.	0.2	9
47	Adsorption ability of samples with nanoscale anatase to extract Nb(V) and Ta(V) ions from aqueous media. Crystallography Reports, 2014, 59, 430-436.	0.1	9
48	Bactericidal properties of nanoscale zinc(II) and titanium (IV) oxides of different nature and their nanocomposites with polystyrene. Nanotechnologies in Russia, 2016, 11, 99-109.	0.7	9
49	Nanocomposites of zeolite–titanium(IV) oxides: Preparation, characterization, adsorption, photocatalytic and bactericidal properties. Journal of Crystal Growth, 2017, 468, 199-203.	0.7	9
50	Effect of sulfate synthesis conditions on characteristics of samples with the nanosized ÎTiO2 modification. Russian Journal of Inorganic Chemistry, 2012, 57, 1177-1181.	0.3	8
51	Peculiarities of the microstructure of a nanoscale modification of ÎTiO2. Crystallography Reports, 2014, 59, 916-922.	0.1	8
52	Structural peculiarities and point defects of undoped and Cr- and Ni-doped Sr0.61Ba0.39Nb2O6 crystals. Acta Materialia, 2014, 70, 208-217.	3.8	8
53	Structure and real composition of undoped and Cr- and Ni-doped Sr0.61Ba0.39Nb2O6 single crystals. Structural Chemistry, 2016, 27, 1623-1634.	1.0	8
54	Synthesis and structure of new composite hydrogels based on poly(N-vinyl caprolactam) with nanosized anatase. Mendeleev Communications, 2019, 29, 646-647.	0.6	8

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55	Crystal structure of In-based cuprates: (In,Cu)S2YCu2O6+δ (1212), (In,Cu)(Sr,Ho)2(Ho,Ce4+)2Cu2O8+δ (1222). Physica C: Superconductivity and Its Applications, 2001, 353, 307-315.	0.6	7
56	Synthesis, crystal structure and properties of superconducting and non-superconducting RuSr2(Nd,Ce)2Cu2O10 phases. Physica C: Superconductivity and Its Applications, 2003, 383, 315-322.	0.6	7
57	Synthesis, structure, superconducting and magnetic properties of (Ru5+1â^'xMo6+x)(Sr,Gd)2(Gd0.7Ce4+0.3)2Cu2O10â^'l´ (x=0.0, 0.25, 0.50, 0.75, 1.0). Physica C: Superconductivity and Its Applications, 2003, 400, 7-18.	0.6	7
58	Crystal and magnetic structures of RuSr2(Nd,Ce4+)2Cu2O10â^î^. Physica B: Condensed Matter, 2004, 349, 149-155.	1.3	7
59	Neutron diffraction and X-ray diffraction investigations of langasite crystals. Crystallography Reports, 2008, 53, 989-994.	0.1	7
60	A new Îtitania-based photocatalyst. Doklady Physical Chemistry, 2011, 441, 224-226.	0.2	7
61	Synthesis, Composition, and Structure of Sillenite-Type Solid Solutions in the Bi ₂ 0 ₃ â^`SiO ₂ â^`MnO ₂ System. Inorganic Chemistry, 2011, 50, 2002-2009.	1.9	7
62	Structural investigation of Pb(Mo@@ W1-)O4 solid solutions via X-ray and neutron diffraction. Materials Research Bulletin, 2016, 78, 134-140.	2.7	7
63	Structure peculiarities and point defects in new sillenite-type (Bi,Sm) 24 V 2 O 40 crystals. Materials Letters, 2017, 199, 75-78.	1.3	7
64	A comprehensive structural analysis of relaxor ferroelectric Cr- and Ni-doped Sr0.61Ba0.39Nb2O6 crystals. Journal of Alloys and Compounds, 2017, 724, 879-888.	2.8	7
65	Structural peculiarities, point defects and luminescence in Bi-doped CsCdX3 (XÂ= Cl, Br) single crystals. Journal of Alloys and Compounds, 2019, 803, 912-921.	2.8	7
66	Titanosilicalites (MFI-type): Composition, statistical and local structure, catalytic properties. Microporous and Mesoporous Materials, 2021, 326, 111377.	2.2	7
67	Microstructure of (Na0.5La0.5)MoO4 crystals coactivated with cerium and erbium ions. Inorganic Materials, 2007, 43, 287-291.	0.2	6
68	Synthesis, characterization and adsorption behavior of Mo(VI) and W(VI) ions on titanium dioxide nanoparticles containing anatase modification. Applied Nanoscience (Switzerland), 2014, 4, 979-987.	1.6	6
69	New structural effects in SrMoO ₄ :Tm ³⁺ /Ho ³⁺ crystals. CrystEngComm, 2017, 19, 295-303.	1.3	6
70	New mechanochemical effects in the poly(<i>N</i> -vinylcaprolactam)—Nano-titanium oxides(IV) system. Journal of Materials Research, 2018, 33, 1475-1485.	1.2	6
71	Structure and dynamics of titania – poly(<i>N</i> -vinyl caprolactam) composite hydrogels. Soft Matter, 2020, 16, 219-228.	1.2	6
72	Cerium scandium borate — an active nonlinear medium for diode-pumped lasers. Quantum Electronics, 1998, 28, 50-54.	0.3	5

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73	X-ray Diffraction Study of an Inhomogeneous Langasite (La3Ga5SiO14) Crystal. Inorganic Materials, 2002, 38, 1040-1047.	0.2	5
74	Preparation and Structure of Ga2 – xScxO3(0.42 ≤ 0.52). Inorganic Materials, 2004, 40, 1066-1069.	0.2	5
75	On symmetry of sillenites. Crystallography Reports, 2010, 55, 229-232.	0.1	5
76	Structure-property relationship for complex-substituted molybdates and tungstates of the scheelite family. Crystallography Reports, 2014, 59, 22-29.	0.1	5
77	Influence of monovalent Bi+ doping on real composition, point defects, and photoluminescence in TICdCl3 and TICdl3 single crystals. Science China Materials, 2017, 60, 1253-1263.	3.5	5
78	The role of composition and structure of vanadium-doped nanosized titanium(<scp>iv</scp>) oxides (anatase and Î-phase) in the realization of photocatalytic, adsorption and bactericidal properties. New Journal of Chemistry, 2018, 42, 13025-13037.	1.4	5
79	Peculiar Structural Effects in Pure and Doped Functional Single Crystals of Complex Compositions. Molecules, 2020, 25, 2451.	1.7	5
80	On symmetry of rare-earth scandium borate RESc3(BO3)4 (RE = Ce, Nd) laser crystals. Journal of Solid State Chemistry, 2020, 288, 121393.	1.4	5
81	Some physical properties of the perovskite-like phases AlSr2LnCu2Ox. Journal of Alloys and Compounds, 1995, 223, 151-153.	2.8	4
82	Crystal Chemistry of Rare-Earth Chalcogenides. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 73-84.	0.3	4
83	Structural, Superconducting, and Magnetic Properties of Y1- x DyxRh4B4 Borides. Inorganic Materials, 2005, 41, 585-590.	0.2	4
84	Growth and structure of \hat{I} ±-Bi2B8O15 crystals. Crystallography Reports, 2006, 51, 705-709.	0.1	4
85	Composition effect on the elastic properties of langasite. Inorganic Materials, 2008, 44, 520-526.	0.2	4
86	Structural peculiarities and point defects of bulk-ZnO single crystals. Journal of Alloys and Compounds, 2014, 616, 71-75.	2.8	4
87	Nanocomposites based on silicon dioxide of different nature with functional titanium dioxide nanoparticles. Nanotechnologies in Russia, 2016, 11, 41-56.	0.7	4
88	Structure and composition peculiarities and spectral-luminescent properties of colorless and pink Bi4Ge3O12 scintillation crystals. Arabian Journal of Chemistry, 2018, 11, 1270-1280.	2.3	4
89	New hydrogels in the poly-N-vinylpyrrolidone – RE(NO3)3×xH2O (RE=La, Gd, Yb) system: Fabrication, structure, bactericidal properties. Polymer, 2020, 186, 122079.	1.8	4
90	Octahedral Cr3+ sites in LiGaO2. Doklady Physics, 2000, 45, 191-193.	0.2	3

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91	Relationship between langasite elastic properties and crystal composition. Journal of Crystal Growth, 2008, 310, 1460-1463.	0.7	3
92	Composition and structure of solid solutions in the Bi2O3-SiO2-V 2 5+ O5 system with the structure sillenite. Journal of Structural Chemistry, 2011, 52, 510-516.	0.3	3
93	Structure of phases of the sillenite family in the Bi2O3-V2O5 system. Crystallography Reports, 2011, 56, 227-232.	0.1	3
94	Photocatalytic properties of composites containing titania nanoparticles on submicron Y2O3 spheres. Inorganic Materials, 2013, 49, 572-576.	0.2	3
95	Local structural features and composition of the Bi4Ge3O12:Dy3+ crystals: effect of doping concentration. CrystEngComm, 2020, 22, 5666-5677.	1.3	3
96	COMPOSITION AND STRUCTURE OF THE HUNTITE-FAMILY COMPOUNDS. Fine Chemical Technologies, 2018, 13, 42-51.	0.1	3
97	Ordered phases in Ln-S systems (Ln = Tm, Yb). Journal of Structural Chemistry, 2000, 41, 446-455.	0.3	2
98	Electrocracking of petroleum products: Effect of process duration on characteristics of carbon black. Solid Fuel Chemistry, 2007, 41, 97-99.	0.2	2
99	Neutron Diffraction Investigation of Langanite Crystals. Crystallography Reports, 2010, 55, 1067-1073.	0.1	2
100	Application of diffraction methods to the study of volume variations in the composition of a langatate single crystal. Journal of Surface Investigation, 2014, 8, 623-631.	0.1	2
101	Nanocomposites based on thermoplastic elastomers with functional basis of nano titanium dioxide. Crystallography Reports, 2016, 61, 291-298.	0.1	2
102	Relationship between (micro)structure and functional (photocatalytic and adsorption) properties of anatase–mordenite nanocomposite. Research on Chemical Intermediates, 2019, 45, 2869-2885.	1.3	2
103	Impact of the production method and diagnostics conditions on the compositions and structure of nanodimensional anatase. Zeitschrift Fur Kristallographie - Crystalline Materials, 2020, 235, 127-136.	0.4	2
104	Some peculiarities of the formation of thallium-containing phases with perovskite-like structures. Crystal Research and Technology, 1994, 29, 677-683.	0.6	1
105	Strontium-based Mercury Cuprates with Perovskite-like Crystal Structures. Crystal Research and Technology, 1995, 30, 451-456.	0.6	1
106	Title is missing!. Journal of Structural Chemistry, 2002, 43, 809-827.	0.3	1
107	Formation of carbon nanofibers via carbon monoxide disproportionation. Solid Fuel Chemistry, 2007, 41, 248-251.	0.2	1
108	KH2PO4 single crystals activated with the Ti4+ ions in the form of TiO2â [^] x × <i>n</i> H2O nanopartic	les: 1.5	1

¹⁰⁸ Structural peculiarities, point defects, and dielectric properties. Applied Physics Letters, 2018, 112, .

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109	New Effects in the Poly-N-Vinylcaprolactam/Titanium(IV) Oxides Nanocomposite System and Their Nature. Crystallography Reports, 2018, 63, 261-265.	0.1	1
110	Morphology of Composite Films Based on Poly(N-vinylcaprolactam) with Titanium Dioxide Nanoparticles. Crystallography Reports, 2019, 64, 86-93.	0.1	1
111	Stabilized Titanium Dioxide Nanoparticles: Preparation and Physicochemical, Photocatalytic, and Antimicrobial Properties. Nanotechnologies in Russia, 2019, 14, 204-215.	0.7	1
112	Effects of Different Stimuli on the Structure of Nano-Anatase and Poly(N-vinylcaprolactam) in the Nano-Anatase/Poly(N-vinylcaprolactam) Composites. Journal of Nanoscience and Nanotechnology, 2019, 19, 7624-7634.	0.9	1
113	Title is missing!. Inorganic Materials, 2002, 38, 604-607.	0.2	0
114	Neutron diffraction study of RuSr2(Nd,Ce4+)2Cu2O10â^`δ. Russian Journal of Inorganic Chemistry, 2006, 51, 1949-1955.	0.3	0
115	Solid solutions (Ru,Nb)Sr2(Sm1.4Ce0.6)Cu2O10â^'Îʿ: Synthesis, structure, and properties. Russian Journal of Inorganic Chemistry, 2007, 52, 844-853.	0.3	0
116	Effect of nanosized titania on the structure and properties of the composites based on butadienenitrile rubber. Crystallography Reports, 2017, 62, 773-782.	0.1	0
117	Role of the Surface Composition and Structure of Titanium(IV) Oxide in the Manifestation of Antimicrobial Properties in Poly-N-vinylamide/Titanium(IV) Oxide Hybrid Materials. Crystallography Reports, 2019, 64, 968-974.	0.1	0
118	Application of X-Ray Methods for Determining the Dimensions of Nanoparticles in the Nanosized Anatase–Poly(N-vinylcaprolactam) System. Crystallography Reports, 2020, 65, 631-640.	0.1	0
119	The impact of intense types of effects on poly(Nâ€vinyl caprolactam) and composites in the system nanoscale anatase – poly(Nâ€vinyl caprolactam). Journal of Applied Polymer Science, 2021, 138, 49839.	1.3	0

Antimicrobial Activity of Composite Hydrogels in the Poly(N-vinylpyrrolidone)–RE(NO3)3 · xH2O (RE) Tj ETQq0 00 rgBT /Qverlock 10