

Vyacheslav Baumer

List of Publications by Year in descending order

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all docs

166
docs citations

166
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and scintillation yield of Ce-doped Al ³⁺ Ga substituted yttrium garnet. Materials Research Bulletin, 2012, 47, 3249-3252.	5.2	59
2	Unexpected alternative direction of a Biginelli-like multicomponent reaction with 3-amino-1,2,4-triazole as the urea component. Tetrahedron Letters, 2010, 51, 2095-2098.	1.4	50
3	Impact of Lu/Gd ratio and activator concentration on structure and scintillation properties of LGSO:Ce crystals. Journal of Crystal Growth, 2010, 312, 601-606.	1.5	45
4	Luminescent and scintillation properties of orthotantalates with common formulae RE ₂ TaO ₄ (RE=Y, Sc.) Tj ETQq0 0 0 rgBT /Overlock 10 2013, 178, 1491-1496.	3.5	41
5	Gadolinium pyrosilicate single crystals for gamma ray and thermal neutron monitoring. Radiation Measurements, 2010, 45, 365-368.	1.4	39
6	Growth of bulk gadolinium pyrosilicate single crystals for scintillators. Journal of Crystal Growth, 2011, 318, 805-808.	1.5	39
7	The influence of the coexistence of ferroelectric and antiferroelectric states on the lead lanthanum zirconate titanate crystal structure. Journal of Physics Condensed Matter, 2005, 17, L177-L182.	1.8	37
8	Influence of sintering temperature on structural and optical properties of Y ₂ O ₃ -MgO composite SPS ceramics. Ceramics International, 2020, 46, 6537-6543.	4.8	33
9	Effect of MgO doping on the structure and optical properties of YAG transparent ceramics. Journal of the European Ceramic Society, 2020, 40, 861-866.	5.7	29
10	Radiation defects in SrB ₄ O ₇ :Eu ²⁺ crystals. Journal of Alloys and Compounds, 2007, 441, 202-205.	5.5	28
11	Thermally stimulated luminescence mechanism of Li ₆ Y(BO ₃) ₃ :Eu ³⁺ single crystals. Journal of Alloys and Compounds, 2007, 429, 77-81.	5.5	27
12	Growth and luminescent properties of Lu ₂ SiO ₅ :Ce and (Lu _{1-x} Gd _x) ₂ SiO ₅ :Ce single crystalline films. Journal of Crystal Growth, 2011, 337, 72-80.	1.5	26
13	Growth and characterization of large CeAlO ₃ perovskite crystals. Journal of Crystal Growth, 2015, 430, 116-121.	1.5	25
14	Equilibrium langbeinite-related phosphates Cs _{1-x} Ln _x Zr ₂ (PO ₄) ₃ (Ln = Sm-Lu) in the melted systems Cs ₂ O-P ₂ O ₅ -LnF ₃ -ZrF ₄ . Acta Crystallographica Section B: Structural Science, 2007, 63, 819-827.	1.8	24
15	Nature of dual fluorescence in 2-(quinolin-2-yl)-3-hydroxychromone: Tuning between concurrent H-bond directions and ESIPT pathways. Journal of Luminescence, 2011, 131, 253-261.	3.1	24
16	New benzimidazolic 3-hydroxychromone derivative with two alternative mechanisms of the excited state intramolecular proton transfer reaction. Journal of Molecular Structure, 2008, 882, 63-69.	3.6	23
17	Influence of sulfate ions on properties of co-precipitated Y ₃ Al ₅ O ₁₂ :Nd ³⁺ nanopowders. Journal of Alloys and Compounds, 2010, 508, 200-205.	5.5	22
18	Low-temperature production of silicon carbide films of different polytypes. Semiconductors, 2009, 43, 685-689.	0.5	21

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19	An approach to Y ₂ O ₃ :Eu ³⁺ optical nanostructured ceramics. <i>Journal of the European Ceramic Society</i> , 2012, 32, 257-260.	5.7	21
20	Effects of phase and chemical composition of precursor on structural and morphological properties of (Lu _{0.95} Eu _{0.05}) ₂ O ₃ nanopowders. <i>Ceramics International</i> , 2013, 39, 2397-2404.	4.8	20
21	Structure transformations in nickel oxalate dihydrate NiC ₂ O ₄ ·2H ₂ O and nickel formate dihydrate Ni(HCO ₂) ₂ ·2H ₂ O during thermal decomposition. <i>Journal of Solid State Chemistry</i> , 2018, 266, 133-142.	2.9	20
22	Phase formation and densification peculiarities of Y ₃ Al ₅ O ₁₂ :Nd ³⁺ during reactive sintering. <i>Journal of Crystal Growth</i> , 2014, 401, 839-843.	1.5	19
23	Phase relations in the system K ₂ MoO ₄ –KPO ₃ –MoO ₃ –Bi ₂ O ₃ : A new phosphate K ₃ Bi ₅ (PO ₄) ₆ . <i>Journal of Solid State Chemistry</i> , 2007, 180, 3351-3359.	2.9	18
24	Transformation-assisted consolidation of Y ₂ O ₃ :Eu ³⁺ nanospheres as a concept to optical nanograin ceramics. <i>Ceramics International</i> , 2014, 40, 3561-3569.	4.8	18
25	Effect of Nd ³⁺ ions on phase transformations and microstructure of 0–4 at.% Nd ³⁺ :Y ₃ Al ₅ O ₁₂ transparent ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 686, 526-532.	5.5	18
26	Synthesis and crystal structure of langbeinite related mixed-metal phosphates K _{1.822} Nd _{0.822} Zr _{1.178} (PO ₄) ₃ and K ₂ LuZr(PO ₄) ₃ . <i>Crystal Research and Technology</i> , 2007, 42, 1076-1081.	1.3	16
27	K ₂ Ho(PO ₄) ₄ (WO ₄). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, i75-i75.	0.2	16
28	Growth and characterization of tetragonal structure modification of β -Gd ₂ Si ₂ O ₇ :Ce. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8478-8482.	5.5	16
29	K ₂ M ^{III} ₂ (M ^{VI} O ₄) ₂ (PO ₄) ₂ (M ^{III} = Fe, Sc; M ^{VI} = Mo, W), Novel Members of the Lagbeinite-Related Family: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 1380-1385.	4.0	16
30	Microstructure evolution of SiO ₂ , ZrO ₂ -doped Y ₃ Al ₅ O ₁₂ :Nd ³⁺ ceramics obtained by reactive sintering. <i>Ceramics International</i> , 2015, 41, 11966-11974.	4.8	16
31	Structural-phase state and lasing of 5 at% Yb ³⁺ :Y ₃ Al ₅ O ₁₂ optical ceramics. <i>Journal of the European Ceramic Society</i> , 2017, 37, 4115-4122.	5.7	16
32	Synthesis and structure of aminoguanidinium sulfite monohydrate. <i>Russian Journal of Inorganic Chemistry</i> , 2013, 58, 843-847.	1.3	15
33	Low-agglomerated yttria nanopowders via decomposition of sulfate-doped precursor with transient morphology. <i>Journal of Rare Earths</i> , 2014, 32, 320-325.	4.8	15
34	Equilibria in the acidified aqueous dimethylformamide solutions of tungstate anion. Synthesis, crystal structure and characterization of novel decatungstate [Ba(H ₂ O) ₂ (C ₃ H ₇ NO) ₃] ₂ [W ₁₀ O ₃₂]. <i>Journal of Coordination Chemistry</i> , 2015, 68, 1-17.	2.2	15
35	Peculiarity of formation of the NASICON-related phosphates in the space group R ₃₂ : synthesis and crystal structures of Na ₄ MIIAl(PO ₄) ₃ (MII = Mg, Mn). <i>Structural Chemistry</i> , 2016, 27, 323-330.	2.0	15
36	Polymorphism of 4-bromobenzophenone. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 296-302.	1.8	14

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37	Phase formation in the Ni ²⁺ -WO ₄ ·2H ₂ O system (Z = 1.00). Crystal structure and properties of sodium heteropolyhexatungsten nickelate(2+) Na ₄ [Ni(OH) ₆ W ₆ O ₁₈]·16H ₂ O. Journal of Structural Chemistry, 2009, 50, 296-305.	1.0	14
38	Luminescence of heavily Ce-doped alkaline-earth fluorides. Journal of Luminescence, 2009, 129, 1538-1541.	3.1	14
39	Equilibrium in the acidified aqueous solutions of tungstate anion: synthesis of Co(II) isopolytungstates. Crystal structure of Co(II) paratungstate B Co ₅ [W ₁₂ O ₄₀ (OH) ₂]·37H ₂ O. Journal of Coordination Chemistry, 2010, 63, 1678-1689.	2.2	14
40	Structure disordering and thermal decomposition of manganese oxalate dihydrate, MnC ₂ O ₄ ·2H ₂ O. Journal of Solid State Chemistry, 2018, 260, 87-94.	2.9	14
41	Structure of sterically hindered aryl derivatives of five-membered nitrogen containing heterocyclic ortho-analogs of POPOP. Molecular Engineering, 1994, 3, 353-363.	0.2	13
42	Novel KTP-like complex phosphates KMn _{0.33} Nb _{0.67} PO ₅ (Mn ²⁺ , Co). Journal of Solid State Chemistry, 2007, 180, 1990-1997.	2.9	13
43	Features of YAG crystal growth under Ar+CO reducing atmosphere. Journal of Crystal Growth, 2016, 449, 104-107.	1.5	13
44	Synthesis and characterization of phosphates in the pseudo-ternary melted systems Cs ₂ O-P ₂ O ₅ -MnO (Mn ²⁺ alkaline earth). Crystal Research and Technology, 2008, 43, 362-368.	1.3	12
45	Peculiarities of the growth of PbWO ₄ :Nd ³⁺ and PbMoO ₄ :Nd ³⁺ single crystals. Crystallography Reports, 2009, 54, 697-701.	0.6	12
46	Structure and magnetic properties of AgFeP ₂ O ₇ . Journal of Solid State Chemistry, 2010, 183, 1473-1476.	2.9	12
47	Features of interaction in the sulfur(IV) oxide-hexamethylenetetramine-water system: A first example of identification of the product with a sulfur-carbon bond. Russian Journal of General Chemistry, 2011, 81, 620-621.	0.8	12
48	Synthesis, crystal structure, vibrational spectra, and thermochemical transformations of tris(hydroxymethyl)aminomethane. Russian Journal of Inorganic Chemistry, 2014, 59, 1-6.	1.3	12
49	Growth of Ce-doped LGSO fiber-shaped crystals by the micro pulling down technique. Journal of Crystal Growth, 2015, 412, 95-102.	1.5	12
50	Mn ³⁺ stabilization in complex phosphate fluoride fluxes and its incorporation into langbeinite framework. Journal of Solid State Chemistry, 2007, 180, 2838-2844.	2.9	11
51	Growth of LGSO: Ce crystals by the Czochralski method. Crystallography Reports, 2009, 54, 1256-1260.	0.6	11
52	CsMgPO ₄ . Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i58-i58.	0.2	11
53	Two pseudo-enantiomeric forms of N-benzyl-4-hydroxy-1-methyl-2,2-dioxo-1H-1,2,4-triazine-3-carboxamide and their analgesic properties. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 411-415.	0.5	11
54	XRD, NMR, FT-IR and DFT structural characterization of a novel organic-inorganic hybrid perovskite-type hexabromotellurate material. Journal of Molecular Structure, 2021, 1235, 130227.	3.6	11

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55	The whitlockite-related phosphate $\text{Ca}_9\text{Cr}(\text{PO}_4)_7$. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i180-i181.	0.2	10
56	Crystal structure of nickel paratungstate B $\text{Ni}_5[\text{W}_{12}\text{O}_{40}(\text{OH})_2] \cdot 37\text{H}_2\text{O}$. Journal of Structural Chemistry, 2011, 52, 111-117.	1.0	10
57	Synthesis, crystal structure, and spectral characteristics of N-(Hydroxyethyl)aminomethanesulfonic acid. Russian Journal of General Chemistry, 2013, 83, 969-971.	0.8	10
58	$\text{Nd}_3+\text{Y}_3\text{Al}_5\text{O}_{12}$ laser ceramics: Influence of the size of yttrium oxide particles on sintering. Crystallography Reports, 2015, 60, 299-305.	0.6	10
59	Study of the bufadienolides of the skin secretion of green toads (<i>Bufo viridis</i> laur, 1758). Pharmaceutical Chemistry Journal, 1995, 29, 491-494.	0.8	9
60	Phase relations in the $\text{K}_2\text{W}_2\text{O}_7\text{-K}_2\text{WO}_4\text{-KPO}_3\text{-Bi}_2\text{O}_3$ system and structure of $\text{K}_6.5\text{Bi}_2.5\text{W}_4\text{P}_6\text{O}_{34}$. Journal of Solid State Chemistry, 2008, 181, 2393-2400.	2.9	9
61	Synthesis and characterization of phosphates in molten systems $\text{Cs}_2\text{O-P}_2\text{O}_5\text{-CaO-MIII}_2\text{O}_3$ (MIII = Al, Fe, Ti, ETQq1, 0.7843, 2-9)	0.7843	9
62	Preparation of isoindolo[2,1-a]quinoxalines based on N-(2-aminophenyl)isoindole derivatives. Chemistry of Heterocyclic Compounds, 2012, 48, 1033-1042.	1.2	9
63	Formation of ZnS nano- and microparticles from thiourea solutions. Advanced Powder Technology, 2013, 24, 1017-1022.	4.1	9
64	Surface magnetic anisotropy of CoFe_2O_4 nanoparticles with a giant low-temperature hysteresis. Low Temperature Physics, 2013, 39, 365-369.	0.6	9
65	Synthesis and structure of N-(hydroxyethyl)ethylenediammonium sulfite monohydrate. Russian Journal of Inorganic Chemistry, 2014, 59, 541-544.	1.3	9
66	Structure and basicity of 1,2,5-triphenyltriazole-1,3,4 derivatives. Molecular Engineering, 1994, 3, 343-352.	0.2	8
67	Structural Defects in Czochralski-Grown CdWO_4 Single Crystals. Inorganic Materials, 2005, 41, 1114-1117.	0.8	8
68	Synthesis and structure of N-aryl(phenoxy, benzylidene)acetyl-1,4-benzoquinone monoimines. Russian Journal of Organic Chemistry, 2012, 48, 1309-1319.	0.8	8
69	Crystal structure of double sodium-copper(II) paratungstate B: $\text{Na}_2\text{Cu}_3(\text{CuOH})_2[\text{W}_{12}\text{O}_{40}(\text{OH})_2] \cdot 32\text{H}_2\text{O}$. Journal of Structural Chemistry, 2014, 55, 879-886.	1.0	8
70	Sodium heteropolyhexamolybdenumnickelate (II) $\text{Na}_4[\text{Ni}(\text{OH})_6\text{Mo}_6\text{O}_{18}] \cdot 16\text{H}_2\text{O}$ with an anderson anion: Synthesis and crystal structure. Journal of Structural Chemistry, 2015, 56, 926-933.	1.0	8
71	Synthesis, crystal structure, and spectral characteristics of N-(tert-butyl)aminomethanesulfonic acid. Russian Journal of General Chemistry, 2015, 85, 2282-2284.	0.8	8
72	Synthesis and chemical properties of 4-aryl-3-methyl-4,10-dihydroindeno[1,2-b]pyrazolo-[4,3-e]pyridin-5-ones. Russian Journal of Organic Chemistry, 2015, 51, 1597-1605.	0.8	8

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73	Methylammonium sulfate: Synthesis and structure. Russian Journal of Inorganic Chemistry, 2015, 60, 1199-1203.	1.3	8
74	Synthesis and Crystal Structure of Potassium-Nickel Heteropoly Hexatungstonickelate (II) $K_3Ni_0,5[Ni(OH)_6W_6O_{18}] \cdot 12H_2O$ with Anderson-Type Anion and Potassium-Nickel Paratungstate B $K_6Ni_2[W_{12}O_{40}(OH)_2] \cdot 22H_2O$. Journal of Cluster Science, 2015, 26, 1171-1186.	3.3	8
75	The formation of two thiotriazoline polymorphs: study from the energetic viewpoint. CrystEngComm, 2017, 19, 2394-2401.	2.6	8
76	Synthesis, Crystal Structure, and Biological Activity of Ethyl 4-Methyl-2,2-dioxo-1H-2H-1,4-benzothiazine-3-carboxylate Polymorphic Forms. Scientia Pharmaceutica, 2018, 86, 21.	2.0	8
77	On the protonation of a polysubstituted 1,2,4-triazole: A structural study of a hexabromotellurate salt. Journal of Molecular Structure, 2021, 1241, 130632.	3.6	8
78	Radiation-stimulated point defects in $Li_2B_4O_7$ single crystals. Technical Physics Letters, 1999, 25, 709-711.	0.7	7
79	Fracture toughness and crystallographic characteristics of $Li_6Gd_3B_3O_9$ single crystals. Crystallography Reports, 2003, 48, 563-567.	0.6	7
80	Products of interaction between Sulfur(IV) oxide and aqueous solutions of hexamethylenediamine and tert-Butylamine: The crystal structure of hexamethylenediammonium sulfate dihydrate. Russian Journal of Inorganic Chemistry, 2012, 57, 1559-1562.	1.3	7
81	Structure-driven mixed-site borate-phosphate $K_5Ta_8B_4P_4O_{34}$: synthesis, structural, spectroscopic and theoretical study. CrystEngComm, 2012, 14, 5071.	2.6	7
82	The use of microwave irradiation for zeolite regeneration in a continuous ethanol dewatering process. Chemical Engineering and Processing: Process Intensification, 2015, 95, 151-158.	3.6	7
83	Phase Formation in the system $Co^{2+}WO_4^{2-} \cdot H^{+} \cdot C_3H_7ON \cdot H_2O$ Synthesis, crystal structure, and characterization of cobalt(II) decatungstate $[Co(C_3H_7NO)_5]_2[W_{10}O_{32}]$. Journal of Coordination Chemistry, 2015, 68, 4170-4183.	2.2	7
84	Flux Synthesis, Monoclinic Structure, and Luminescence of Europium(III)-Doped $K_3La(PO_4)_2$. Crystal Research and Technology, 2018, 53, 1800158.	1.3	7
85	Slip and cleavage systems in the new crystal $Li_6YB_3O_9$. Crystallography Reports, 2005, 50, 982-985.	0.6	6
86	Fabrication of heterostructures based on layered nanocrystalline silicon carbide polytypes. Semiconductors, 2010, 44, 816-823.	0.5	6
87	Structure and phosphorescence of meta-bromobenzophenone crystal. Journal of Molecular Structure, 2012, 1021, 162-166.	3.6	6
88	$KNi_{0.93}Fe_{II}^{0.07}Fe_{III}^{0.07}(PO_4)_2$: a new type of structure for a compound of composition $M^I M^II M^III (PO_4)_2$. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 160-164.		6
89	Some characteristic features of formation of composite material based on KDP single crystal with incorporated $Al_2O_3 \cdot nH_2O$ nanoparticles. Crystal Research and Technology, 2014, 49, 345-352.	1.3	6
90	Interaction in the molten system $Rb_2O \cdot P_2O_5 \cdot TiO_2 \cdot NiO$. Crystal structure of the langbeinite-related $Rb_2Ni_{0.5}Ti_{1.5}(PO_4)_3$. Crystal Research and Technology, 2015, 50, 549-555.	1.3	6

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91	Phase formation in molten system $(\text{Na/K})_{2-x}\text{TiO}_2 \cdot x\text{P}_2\text{O}_5$. Crystal structures of NASICON and langbeinite-related phosphates $(\text{K/Na})_{1+x}\text{Ti}_2(\text{PO}_4)_3$ ($x = 0$ and 0.357). <i>Crystal Research and Technology</i> , 2016, 51, 627-633.	1.3	6
92	Optical study of $\text{Y}_{3-x}\text{Gd}_x\text{Al}_5\text{O}_{12}:\text{Ce}$ crystals grown from the melt. <i>Optical Materials</i> , 2019, 96, 109283.	3.6	6
93	Formation peculiarities and optical properties of highly-doped $(\text{Y}_{0.86}\text{La}_{0.09}\text{Yb}_{0.05})_2\text{O}_3$ transparent ceramics. <i>Ceramics International</i> , 2019, 45, 16002-16007.	4.8	6
94	A novel IR-transparent $\text{Ho}^{3+}:\text{Y}_2\text{O}_3/\text{MgO}$ nanocomposite ceramics for potential laser applications. <i>Ceramics International</i> , 2021, 47, 1399-1406.	4.8	6
95	Usage of Quantum Chemical Methods to Understand the Formation of Concomitant Polymorphs of Acetyl 2-(<i>N</i> -(2-Fluorophenyl)imino)coumarin-3-carboxamide. <i>ACS Omega</i> , 2021, 6, 3120-3129.	3.5	6
96	Synthesis of 1-[1-bromo-2-benzoyl(2-thenoyl)vinyl]-1,1-dimethylhydrazinium bromides from 1-bromo-2-benzoyl(2-thenoyl)acetylenes and 1,1-dimethylhydrazine. <i>Russian Chemical Bulletin</i> , 1999, 48, 1516-1518.	1.5	5
97	Molecular and crystal structure of 3-butoxy-4-(1,3,3-trimethyl-2,3-dihydro-1H-2-indolylidenemethyl)-3-cyclobutene-1,2-dione and its thio analog. <i>Journal of Structural Chemistry</i> , 2005, 46, 154-158.	1.0	5
98	Langbeinite-related $\text{K}_2\text{FeSn}(\text{PO}_4)_3$ from single-crystal data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, i199-i199.	0.2	5
99	Structure and time-resolved phosphorescence spectra of crystalline and glassy 2-bromobenzophenone. <i>Low Temperature Physics</i> , 2009, 35, 580-588.	0.6	5
100	NASICON-related $\text{Na}_{3.4}\text{Mn}_{0.4}\text{Fe}_{1.6}(\text{PO}_4)_3$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, i55-i55.	0.2	5
101	Microwave Synthesis of ZnSe. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 1637-1641.	2.5	5
102	Preparation and some physicochemical properties of benzylammonium sulfates. <i>Russian Journal of General Chemistry</i> , 2014, 84, 637-641.	0.8	5
103	Activated sterically strained C=N bond in N-substituted p-quinone mono- and diimines: XV. Synthesis, structure, and reactions with alcohols of N-carbamoyl-1,4-benzoquinone imines. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1739-1744.	0.8	5
104	The effect of the precipitation conditions on the morphology and the sorption properties of CuS particles. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2016, 52, 448-453.	1.1	5
105	Polymorphism of anhydrous cadmium oxalate CdC_2O_4 . <i>Journal of Alloys and Compounds</i> , 2017, 726, 751-757.	5.5	5
106	Caesium calciumcyclo-triphosphate, CsCaP_3O_9 . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, i263-i265.	0.2	4
107	Crystal growth of zirconium-doped KTiOPO_4 crystals in the $\text{K}_2\text{O} \cdot x\text{P}_2\text{O}_5 \cdot y\text{TiO}_2 \cdot z\text{ZrF}_4$ system. <i>Crystal Research and Technology</i> , 2008, 43, 355-361.	1.3	4
108	Modification of the Pictet-Spengler reaction in the synthesis of fused 2,3-benzodiazocines. <i>Chemistry of Heterocyclic Compounds</i> , 2011, 47, 1006-1013.	1.2	4

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109	Crystal structure of sodium-strontium paratungstate B, Na ₆ Sr ₂ [W ₁₂ O ₄₀ (OH) ₂]·24H ₂ O. Journal of Structural Chemistry, 2013, 54, 97-103.	1.0	4
110	Role of anion composition of aqueous solution in forming morphology and surface of particles Fe ₂ O ₃ in the course of deposition and their sorption properties. Russian Journal of Applied Chemistry, 2014, 87, 1060-1064.	0.5	4
111	Effect of precipitation conditions on the particle size and optical properties of ZnS. Inorganic Materials, 2014, 50, 651-655.	0.8	4
112	Structure and morphology of spherical crystalline (Y _{1-x} Eu _x) ₂ O ₃ particles. Inorganic Materials, 2015, 51, 51-56.	0.8	4
113	Structure and decomposition of the silver formate Ag(HCO ₂). Journal of Solid State Chemistry, 2017, 246, 264-268.	2.9	4
114	Single Crystals of KRE(MoO ₄) ₂ , (RE=Ce, Pr) Obtained from Fluorides: Scheelite-Related Structure and Luminescence. Crystal Research and Technology, 2017, 52, 1700222.	1.3	4
115	Cs ₂ Bi(PO ₄)(WO ₄). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i67-i67.	0.2	4
116	Synthesis of TiO ₂ nanoparticles out of fluoride solutions. Journal of Materials Research and Technology, 2022, 17, 2267-2279.	5.8	4
117	Growth and properties of Ln ³⁺ doped PbMeO ₄ (Me=W, Mo; Ln=Yb, Nd) single crystals. Optical Materials, 2007, 30, 106-108.	3.6	3
118	Crystallization from high-temperature solutions in the Na ₂ O-Bi ₂ O ₃ -P ₂ O ₅ -M ₂ O ₃ (M = Mo, W) systems. Inorganic Materials, 2007, 43, 1336-1339.	0.8	3
119	On the nature of fracture of SrB ₄ O ₇ and PbB ₄ O ₇ single crystals. Crystallography Reports, 2007, 52, 889-893.	0.6	3
120	Production of Y ₃ Al ₅ O ₁₂ and Y ₂ O ₃ nanopowders for optical ceramics. Crystallography Reports, 2008, 53, 1191-1193.	0.6	3
121	1-(8-Bromo-2-methyl-4-thioxo-3,4,5,6-tetrahydro-2H-2,6-methano-1,3-benzoxazocin-11-yl)ethanone. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o461-o461.	0.2	3
122	Synthesis and crystal structure of hydrogen strontium paratungstate Sr ₄ ·5H ₂ O·[W ₁₂ O ₄₀ (OH) ₂]·30H ₂ O. Russian Journal of Inorganic Chemistry, 2010, 55, 683-691.	1.3	3
123	KMg _{0.09} Fe _{1.91} (PO ₄) ₂ . Acta Crystallographica Section E: Structure Reports Online, 2012, 68, i51-i51.	0.2	3
124	Activated sterically strained C=N bond in N-substituted p-quinone mono- and diimines: XIV. Reaction of some 3,5-dimethyl-1,4-benzoquinone monoimines with alcohols. Russian Journal of Organic Chemistry, 2013, 49, 49-59.	0.8	3
125	Crystallization of M ¹ Ge ₂ (PO ₄) ₃ (M ¹ =Na, Tl) ETQq1 1 0.784314 r g B 1.3 3	1.3	3
126	Onium salts of sulfur-containing oxyanions resulting from reaction of sulfur(IV) oxide with aqueous solutions of 1,2-diamines and morpholine. Russian Journal of Inorganic Chemistry, 2017, 62, 736-745.	1.3	3

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