

# Alexei A Belik

## List of Publications by Year in descending order

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290  
papers

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47006

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333  
docs citations

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times ranked

7782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Synthesis of MOF-Derived Nanoporous Carbon with Magnetic Co Nanoparticles toward Efficient Water Treatment. <i>Small</i> , 2014, 10, 2096-2107.	10.0	588
2	Neutron Powder Diffraction Study on the Crystal and Magnetic Structures of BiCoO <sub>3</sub> . <i>Chemistry of Materials</i> , 2006, 18, 798-803.	6.7	299
3	Dysnomia, a computer program for maximum-entropy method (MEM) analysis and its performance in the MEM-based pattern fitting. <i>Powder Diffraction</i> , 2013, 28, 184-193.	0.2	238
4	Tailored Design of Multiple Nanoarchitectures in Metal-Cyanide Hybrid Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2013, 135, 384-391.	13.7	228
5	High-Pressure Synthesis, Crystal Structures, and Properties of Perovskite-like BiAlO <sub>3</sub> and Pyroxene-like BiGaO <sub>3</sub> . <i>Chemistry of Materials</i> , 2006, 18, 133-139.	6.7	196
6	Origin of the Monoclinic-to-Monoclinic Phase Transition and Evidence for the Centrosymmetric Crystal Structure of BiMnO <sub>3</sub> . <i>Journal of the American Chemical Society</i> , 2007, 129, 971-977.	13.7	194
7	Crystallographic Features and Tetragonal Phase Stability of PbVO <sub>3</sub> , a New Member of PbTiO <sub>3</sub> Family. <i>Chemistry of Materials</i> , 2005, 17, 269-273.	6.7	169
8	Colossal positive and negative thermal expansion and thermosalient effect in a pentamorphic organometallic martensite. <i>Nature Communications</i> , 2014, 5, 4811.	12.8	168
9	Synthesis of Superparamagnetic Nanoporous Iron Oxide Particles with Hollow Interiors by Using Prussian Blue Coordination Polymers. <i>Chemistry of Materials</i> , 2012, 24, 2698-2707.	6.7	163
10	Structural Evolution of the BiFeO <sub>3</sub> -LaFeO <sub>3</sub> System. <i>Chemistry of Materials</i> , 2011, 23, 285-292.	6.7	162
11	Pressure-Induced Spin-State Transition in BiCoO <sub>3</sub> . <i>Journal of the American Chemical Society</i> , 2010, 132, 9438-9443.	13.7	161
12	Magnetic and structural properties of BiFe <sub>1-x</sub> MnxO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1177-1179.	2.3	153
13	Bismuth Aluminate: A New High-T <sub>C</sub> Lead-Free Piezo-/ferroelectric. <i>Chemistry of Materials</i> , 2007, 19, 6385-6390.	6.7	141
14	Polar and nonpolar phases of BiMO <sub>3</sub> : A review. <i>Journal of Solid State Chemistry</i> , 2012, 195, 32-40.	2.9	136
15	BiScO <sub>3</sub> : A Centrosymmetric BiMnO <sub>3</sub> -type Oxide. <i>Journal of the American Chemical Society</i> , 2006, 128, 706-707.	13.7	124
16	Continuous metal-insulator transition of the antiferromagnetic perovskite $\text{NaOsO}_3$ . <i>Physical Review B</i> , 2009, 80, .	3.3	102
17	Antiferrodistortive phase transition in EuTiO <sub>3</sub> . <i>Physical Review B</i> , 2012, 86, .	3.2	87
18	BiInO <sub>3</sub> : A Polar Oxide with GdFeO <sub>3</sub> -Type Perovskite Structure. <i>Chemistry of Materials</i> , 2006, 18, 1964-1968.	6.7	82

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19	Structure and Magnetic Properties of $\text{BiFe}_{0.75}\text{Mn}_{0.25}\text{O}_3$ Perovskite Prepared at Ambient and High Pressure. Chemistry of Materials, 2011, 23, 4505-4514.	6.7	74
20	Whitlockite-Related Phosphates $\text{Sr}_9\text{A}(\text{PO}_4)_7$ (A=Sc, Cr, Fe, Ga, and In): Structure Refinement of $\text{Sr}_9\text{In}(\text{PO}_4)_7$ with Synchrotron X-Ray Powder Diffraction Data. Journal of Solid State Chemistry, 2002, 168, 237-244.	2.9	72
21	Crystal structure of $\text{PbV}_2\text{O}_7$ lattice in the layered perovskite structure. Journal of Solid State Chemistry, 2002, 168, 237-244.	3.2	70
22	Neutron Powder Diffraction Study on the Crystal and Magnetic Structures of $\text{BiCrO}_3$ . Chemistry of Materials, 2008, 20, 3765-3769.	6.7	69
23	Polar phonon mixing in magnetoelectric $\text{EuTiO}_3$ . European Physical Journal B, 2009, 71, 429-433.	1.5	68
24	Structural Properties of Multiferroic $\text{BiFeO}_3$ under Hydrostatic Pressure. Chemistry of Materials, 2009, 21, 3400-3405.	6.7	66
25	Crystal Structures and Characterization of $\text{Ca}_9\text{Fe}(\text{PO}_4)_7$ and $\text{Ca}_9\text{Fe}_{0.9}(\text{PO}_4)_7$ . Journal of Solid State Chemistry, 1996, 122, 15-21.	2.9	65
26	High-Temperature Phase Transition in the Whitlockite-Type Phosphate $\text{Ca}_9\text{In}(\text{PO}_4)_7$ . Journal of Solid State Chemistry, 2002, 165, 278-288.	2.9	64
27	Electronic structure of $\text{BiM}_3\text{O}_{12}$ and related oxides. Physical Review B, 2010, 81, .	3.2	64
28	Crystal structures of double calcium and alkali metal phosphates $\text{Ca}_{10}\text{M}(\text{PO}_4)_7$ (M = Li, Na, K). Crystallography Reports, 2000, 45, 13-20.	0.6	62
29	Prussian Blue Derived Nanoporous Iron Oxides as Anticancer Drug Carriers for Magnetic-Guided Chemotherapy. Chemistry - an Asian Journal, 2015, 10, 1457-1462.	3.3	61
30	Large decrease in the critical temperature of superconducting $\text{LaFeAsO}_{0.85}$ compounds doped with 3% atomic weight of nonmagnetic Zn impurities. Physical Review B, 2010, 82, .	3.2	58
31	High-Pressure Synthesis of 5d Cubic Perovskite $\text{BaOsO}_3$ at 17 GPa: Ferromagnetic Evolution over 3d to 5d Series. Journal of the American Chemical Society, 2013, 135, 16507-16516.	13.7	58
32	Indium-Based Perovskites: A New Class of Near-Room-Temperature Multiferroics. Angewandte Chemie - International Edition, 2009, 48, 6117-6120.	13.8	57
33	Antipolar phase in multiferroic $\text{BiFeO}_3$ at high pressure. Physical Review B, 2011, 84, .	3.2	57
34	Observation of persistent centrosymmetry in the hexagonal manganite family. Physical Review B, 2012, 85, .	3.2	57
35	Ferroelectric and Ionic-Conductive Properties of Nonlinear-Optical Vanadate, $\text{Ca}_9\text{Bi}(\text{VO}_4)_7$ . Chemistry of Materials, 2003, 15, 3003-3010.	6.7	56
36	Crystal and Magnetic Structures and Properties of $\text{BiMnO}_3$ . Journal of the American Chemical Society, 2010, 132, 8137-8144.	13.7	56

#	ARTICLE	IF	CITATIONS
37	BiGaO <sub>3</sub> -Based Perovskites: A Large Family of Polar Materials. Chemistry of Materials, 2012, 24, 3056-3064.	6.7	56
38	Crystal structure and magnetic properties of $\text{H-SrMnO}_3$ . Physical Review B, 2011, 84, .	3.2	55
39	Magnetic Properties of Synthetic Libethenite $\text{Cu}_2\text{PO}_4\text{OH}$ : a New Spin-Gap System. Inorganic Chemistry, 2007, 46, 8684-8689.	4.0	54
40	Differentiation between ferroelectricity and thermally stimulated current in pyrocurrent measurements of multiferroic $\text{MnMnO}_3$ .		

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55	Single-Crystal-Like Nanoporous Spinel Oxides: A Strategy for Synthesis of Nanoporous Metal Oxides Utilizing Metal-Cyanide Hybrid Coordination Polymers. <i>Chemistry - A European Journal</i> , 2014, 20, 17375-17384.	3.3	41
56	Magnetic Properties of Bulk $\text{BiCrO}_3$ Studied with dc and ac Magnetization and Specific Heat. <i>Inorganic Chemistry</i> , 2007, 46, 8746-8751.	4.0	40
57	Antiferroelectric properties and site occupations of $R^{3+}$ cations in $\text{Ca}_8\text{MgR}(\text{PO}_4)_7$ luminescent host materials. <i>Journal of Alloys and Compounds</i> , 2017, 699, 928-937.	5.5	40
58	Magnetic and dielectric properties of hexagonal $\ln\text{MnO}_3$ . <i>Physical Review B</i> , 2009, 79, .	3.2	39
59	Rise of A-site columnar-ordered $\text{A}_2\text{A}^2\text{B}_4\text{O}_{12}$ quadruple perovskites with intrinsic triple order. <i>Dalton Transactions</i> , 2018, 47, 3209-3217.	3.3	39
60	Anomalous thermal expansion in orthorhombic perovskite $\text{SrIrO}_3$ . Interplay between spin-orbit coupling and the crystal lattice. <i>Physical Review B</i> , 2014, 89, .	3.2	38
61	A novel red $\text{Ca}_8.5\text{Pb}_0.5\text{Eu}(\text{PO}_4)_7$ phosphor for light emitting diodes application. <i>Journal of Alloys and Compounds</i> , 2015, 647, 965-972.	5.5	38
62	Synthesis and Characterization of New Strontium Iron(II) Phosphates, $\text{SrFe}_2(\text{PO}_4)_2$ and $\text{Sr}_9\text{Fe}_{1.5}(\text{PO}_4)_7$ . <i>Journal of Solid State Chemistry</i> , 2001, 162, 113-121.	2.9	37
63	Synthesis and crystal structure of $\text{Ca}_9\text{Cu}_{1.5}(\text{PO}_4)_7$ and reinvestigation of $\text{Ca}_9.5\text{Cu}(\text{PO}_4)_7$ . <i>Materials Research Bulletin</i> , 2001, 36, 1863-1871.	5.2	37
64	High-pressure phase transitions in $\text{BiM}_x\text{O}_3$ . <i>Physical Review B</i> , 2009, 79, .	3.2	37
65	Low-Temperature Structural Modulations in $\text{CdMn}_7\text{O}_{12}$ , $\text{CaMn}_7\text{O}_{12}$ , $\text{SrMn}_7\text{O}_{12}$ , and $\text{PbMn}_7\text{O}_{12}$ Perovskites Studied by Synchrotron X-ray Powder Diffraction and Mössbauer Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8278-8288.	3.1	37
66	Pressure-Induced Transformation of 6H Hexagonal to 3C Perovskite Structure in $\text{PbMnO}_3$ . <i>Inorganic Chemistry</i> , 2009, 48, 2285-2288.	4.0	36
67	$(\text{In}^{1-y}\text{Mn}_y)\text{MnO}_3$ (1/9 ≤ y ≤ 1/3): Unusual Perovskites with Unusual Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7723-7727.	13.8	36
68	Absence of ferroelectricity in $\text{BiMnO}_3$ ceramics. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	36
69	Emergent helical texture of electric dipoles. <i>Science</i> , 2020, 369, 680-684.	12.6	36
70	Crystal Growth and Structure and Magnetic Properties of the 5d Oxide $\text{Ca}_3\text{LiOsO}_6$ : Extended Superexchange Magnetic Interaction in Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 8474-8483.	13.7	35
71	Crystal Structures and Properties of Perovskites $\text{ScCrO}_3$ and $\text{InCrO}_3$ with Small Ions at the A Site. <i>Chemistry of Materials</i> , 2012, 24, 2197-2203.	6.7	35
72	$\text{Sc}_2\text{NiMnO}_6$ : A Double-Perovskite with a Magnetodielectric Response Driven by Multiple Magnetic Orders. <i>Inorganic Chemistry</i> , 2015, 54, 8012-8021.	4.0	35

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73	Characterization of quasi-one-dimensional $S=1/2$ Heisenberg antiferromagnets $\text{Sr}_2\text{Cu}(\text{PO}_4)_2$ and $\text{Ba}_2\text{Cu}(\text{PO}_4)_2$ with magnetic susceptibility, specific heat, and thermal analysis. <i>Journal of Solid State Chemistry</i> , 2004, 177, 883-888.	2.9	34
74	Positional and Orientational Disorder in a Solid Solution of $\text{Sr}_{9+x}\text{Ni}_{1.5-x}(\text{PO}_4)_7$ ( $x = 0.3$ ). <i>Chemistry of Materials</i> , 2002, 14, 4464-4472.	6.7	33
75	Synthesis and properties of oxygen non-stoichiometric $\text{BiMnO}_3$ . <i>Journal of Materials Chemistry</i> , 2009, 19, 1593.	6.7	33
76	High-Pressure Synthesis and Properties of Solid Solutions between $\text{BiMnO}_3$ and $\text{BiScO}_3$ . <i>Chemistry of Materials</i> , 2007, 19, 1679-1689.	6.7	32
77	Magnetic excitations from the linear Heisenberg antiferromagnetic spin trimer system $\text{A}_3\text{Cu}_3(\text{PO}_4)_4$ ( $\text{A} = \text{Ca}, \text{Sr}, \text{and Pb}$ ). <i>Physical Review B</i> , 2005, 71, .	3.2	31
78	Short-Range and Long-Range Magnetic Ordering in $\text{SrCu}_2\text{P}_2\text{O}_7$ and $\text{PbCu}_2\text{P}_2\text{O}_7$ . <i>Inorganic Chemistry</i> , 2003, 42, 8572-8578.	4.0	30
79	Effects of Isovalent Substitution in the Manganese Sublattice on Magnetic, Thermal, and Structural Properties of $\text{BiMnO}_3:\text{A} \text{BiMn}_{1-x}\text{M}_x\text{O}_3$ ( $\text{M} = \text{Al}, \text{Sc}, \text{Cr}, \text{Fe}, \text{Ga}; 0 \leq x \leq 0.2$ ). <i>Inorganic Chemistry</i> , 2007, 46, 5585-5590.	4.0	30
80	Crystal structure and properties of phosphate $\text{PbCu}_2(\text{PO}_4)_2$ with spin-singlet ground state. <i>Physical Review B</i> , 2006, 73, .	3.2	29
81	Five-Fold Ordering in High-Pressure Perovskites $\text{RMn}_3\text{O}_6$ ( $\text{R} = \text{Gd}, \text{Tm}, \text{and Y}$ ). <i>Inorganic Chemistry</i> , 2017, 56, 5210-5218.	4.0	29
82	Structural Evolution and Properties of Solid Solutions of Hexagonal $\text{InMnO}_3$ and $\text{InGaO}_3$ . <i>Inorganic Chemistry</i> , 2011, 50, 3559-3566.	4.0	28
83	Structural polymorphism in multiferroic $\text{BiMnO}_3$ at high pressures and temperatures. <i>Journal of Alloys and Compounds</i> , 2014, 585, 741-747.	5.5	28
84	Crystal structure of double vanadates $\text{Ca}_9\text{R}(\text{VO}_4)_7$ . II. $\text{R} = \text{Tb}, \text{Dy}, \text{Ho}, \text{and Y}$ . <i>Crystallography Reports</i> , 2000, 45, 389-394.	0.6	27
85	Magnetic Properties of Isostructural $\text{BaCoP}_2\text{O}_7$ , $\text{BaNiP}_2\text{O}_7$ , and $\text{BaCuP}_2\text{O}_7$ Studied with dc and ac Magnetization and Specific Heat. <i>Inorganic Chemistry</i> , 2005, 44, 7523-7529.	4.0	27
86	Local Crystal Structure of Multiferroic System $\text{BiMnO}_3$ by Atomic Pair Distribution Function Analysis. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 124605.	1.6	27
87	Crystal Structures of Double Vanadates $\text{Ca}_9\text{R}(\text{VO}_4)_7$ . IV. $\text{R} = \text{Er}, \text{Tm}, \text{Yb}, \text{and Lu}$ . <i>Crystallography Reports</i> , 2000, 45, 896.	0.6	27
88	Multiple magnetic transitions in multiferroic $\text{BiMnO}_3$ . <i>Physical Review B</i> , 2009, 80, .	3.2	26
89	Long-range magnetic ordering of quasi-one-dimensional $S=1/2$ Heisenberg antiferromagnet $\text{Sr}_2\text{Cu}(\text{PO}_4)_2$ . <i>Journal of Solid State Chemistry</i> , 2005, 178, 3461-3463.	2.9	25
90	High-Pressure Synthesis, Crystal Structure, and Properties of $\text{In}_2\text{NiMnO}_6$ with Antiferromagnetic Order and Field-Induced Phase Transition. <i>Inorganic Chemistry</i> , 2013, 52, 14108-14115.	4.0	25

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91	Luminescence, structure and antiferroelectric-type phase transition in Ca <sub>8</sub> ZnEu(PO <sub>4</sub> ) <sub>7</sub> . Materials Research Bulletin, 2018, 104, 20-26.	5.2	25
92	Ferroelectric-Ionic Conductor Phase Transitions in Optical Nonlinear Ca <sub>9</sub> R(VO <sub>4</sub> ) <sub>7</sub> Vanadates. Doklady Physical Chemistry, 2002, 384, 144-148.	0.9	24
93	Resistive switching phenomenon driven by antiferromagnetic phase separation in an antiperovskite nitride Mn <sub>3</sub> ZnN. Applied Physics Letters, 2012, 100, .	3.3	24
94	Antiferroelectric phase transition in Sr <sub>9</sub> In(PO <sub>4</sub> ) <sub>7</sub> . Physical Review B, 2004, 70, .	3.2	23
95	Growth, crystal structure, and properties of epitaxial BiScO <sub>3</sub> thin films. Journal of Applied Physics, 2008, 104, .	2.5	23
96	High-pressure crystal growth and magnetic and electrical properties of the quasi-one dimensional osmium oxide Na <sub>2</sub> OsO <sub>4</sub> . Journal of Solid State Chemistry, 2010, 183, 402-407.	2.9	23
97	<sup>57</sup> Fe Mössbauer study of unusual magnetic structure of multiferroic R <sub>3</sub> -AgFeO <sub>2</sub> . Journal of Physics Condensed Matter, 2017, 29, 275803.	1.8	23
98	Complex Structural Behavior of BiMn <sub>7</sub> O <sub>12</sub> Quadruple Perovskite. Inorganic Chemistry, 2017, 56, 12272-12281.	4.0	23
99	Magnetic structures of the rare-earth quadruple perovskite manganites R <sub>3</sub> Mn <sub>7</sub> O <sub>12</sub> . Physical Review B, 2018, 98, .	3.2	23
100	Raman spectra and dielectric function of BiCrO <sub>3</sub> : Experimental and first-principles studies. Journal of Applied Physics, 2011, 110, .	2.5	22
101	Tuning of nonlinear optical and ferroelectric properties via the cationic composition of Ca <sub>9.5</sub> A <sub>0.5</sub> Bi <sub>1.5</sub> Cd(VO <sub>4</sub> ) <sub>7</sub> solid solutions. Materials and Design, 2017, 116, 515-523.	7.0	22
102	Magneto-orbital ordering in the divalent A-site quadruple perovskite manganites R <sub>3</sub> A <sub>1</sub> Mn <sub>7</sub> O <sub>12</sub> .		

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109	High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites $R\text{Mn}_7\text{O}_{12}$ ( $R = \text{Sm, Eu, Gd, and Tb}$ ). <i>Inorganic Chemistry</i> , 2018, 57, 5987-5998.	4.0	20
110	The influence of second coordination-sphere interactions on the luminescent properties of $\text{Ca}_3(\text{PO}_4)_2$ -related compounds. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152352.	5.5	20
111	Crystal structures of new triple $\text{Ca}_9\text{CoM}(\text{PO}_4)_7$ ( $M = \text{Li, Na, K}$ ) phosphates. <i>Materials Research Bulletin</i> , 1999, 34, 883-893.	5.2	19
112	Reduction and Re-oxidation Behavior of Calcium Iron Phosphate, $\text{Ca}_9\text{Fe}(\text{PO}_4)_7$ . <i>Chemistry of Materials</i> , 2003, 15, 625-631.	6.7	19
113	Anomalous pressure effect on the magnetic ordering in multiferroic $\text{BiMnO}_3$ . <i>Physical Review B</i> , 2008, 78, .	3.2	19
114	High-Pressure Synthesis, Crystal Structures, and Properties of $\text{ScRhO}_3$ and $\text{InRhO}_3$ Perovskites. <i>Inorganic Chemistry</i> , 2013, 52, 12005-12011.	4.0	19
115	Preparation, Structure Determination, and Redox Characteristics of New Calcium Copper Phosphates. <i>Journal of Solid State Chemistry</i> , 1999, 145, 345-355.	2.9	18
116	Phase Formation in $\text{Cu}_{3+1.5x}\text{R}_4\text{x}(\text{VO}_4)_6$ ( $R = \text{Fe and Cr}$ ) Systems: Crystal Structure of $\text{Cu}_{2.5}\text{Fe}_{4.333}(\text{VO}_4)_6$ , $\text{Cu}_4\text{Fe}_{3.333}(\text{VO}_4)_6$ , and $\text{Cu}_{4.05}\text{Cr}_{3.3}(\text{VO}_4)_6$ . <i>Journal of Solid State Chemistry</i> , 2001, 156, 339-348.	2.9	18
117	Chemical and Structural Properties of a Whitlockite-like Phosphate, $\text{Ca}_9\text{FeD}(\text{PO}_4)_7$ . <i>Chemistry of Materials</i> , 2002, 14, 3937-3945.	6.7	18
118	Single-layer oxychloride superconductor $\text{Ca}_{2-x}\text{CuO}_2\text{Cl}_2$ with A-site cation deficiency. <i>Physical Review B</i> , 2005, 72, .	3.2	18
119	New Noncentrosymmetric Vanadates $\text{Sr}_9\text{R}(\text{VO}_4)_7$ ( $R = \text{Tm, Yb, and Lu}$ ): $\hat{A}$ Synthesis, Structure Analysis, and Characterization. <i>Chemistry of Materials</i> , 2005, 17, 122-129.	6.7	18
120	Sophisticated Crystal Transformation of a Coordination Polymer into Mesoporous Monocrystalline $\text{TiFe}_2\text{O}_7$ -Based Oxide with Room-Temperature Ferromagnetic Behavior. <i>Chemistry - an Asian Journal</i> , 2011, 6, 3195-3199.	3.3	18
121	High-Pressure Synthesis, Crystal Structure, and Electromagnetic Properties of $\text{CdRh}_2\text{O}_4$ : an Analogous Oxide of the Postspinel Mineral $\text{MgAl}_2\text{O}_4$ . <i>Inorganic Chemistry</i> , 2012, 51, 6868-6875.	4.0	18
122	Magnetic ordering and ferroelectricity in multiferroic $\text{AgFeO}_2$ : Comparison between hexagonal and rhombohedral polytypes. <i>Physical Review B</i> , 2015, 91, .	3.2	18
123	Spin-Driven Multiferroic Properties of $\text{PbMn}_7\text{O}_{12}$ Perovskite. <i>Inorganic Chemistry</i> , 2016, 55, 6169-6177.	4.0	18
124	Spontaneous Rotation of Ferrimagnetism Driven by Antiferromagnetic Spin Canting. <i>Physical Review Letters</i> , 2020, 124, 127201.	7.8	18
125	Crystal structures of double vanadates, $\text{Ca}_9\text{R}(\text{VO}_4)_7$ $\hat{A}$ ... III. $R = \text{Nd, Sm, Gd, or Ce}$ . <i>Crystallography Reports</i> , 2000, 45, 728-733.	0.6	17
126	Frustration-driven magnetic order in hexagonal $\text{InMnO}_3$ . <i>Physical Review B</i> , 2011, 84, .	3.2	17



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127	Low-temperature structural phase transition in synthetic libethenite $\text{Cu}_2\text{PO}_4\text{OH}$ . Journal of Solid State Chemistry, 2011, 184, 3128-3133.	2.9	17
128	Perovskite-Structure $\text{TlMnO}_3$ : A New Manganite with New Properties. Inorganic Chemistry, 2014, 53, 9800-9808.	4.0	17
129	Ferroelectricity induced by ferriaxial crystal rotation and spin helicity in a $\text{B}$ -site-ordered double-perovskite multiferroic $\text{In}_2\text{Mn}_2\text{O}_{10}$ . Physical Review B, 2015, 91, .	3.2	17
130	Unusual magnetic structure of the high-pressure synthesized perovskites $\text{Ca}_2\text{Mn}_2\text{O}_7$ . Physical Review B, 2015, 91, .	3.2	17
131	Phase equilibria in the $\text{BaO-MgO-Ta}_2\text{O}_5$ system. Journal of Materials Chemistry, 2009, 19, 8212.	6.7	16
132	Band-gap engineering in $\text{TiO}_2$ -based ternary oxides. Physical Review B, 2012, 85, .	3.2	16
133	Crystal structure and properties of high-pressure-synthesized $\text{BiRhO}_3$ , $\text{LuRhO}_3$ , and $\text{NdRhO}_3$ . Journal of Solid State Chemistry, 2013, 200, 271-278.	2.9	16
134	High-pressure synthesis, crystal structure and magnetic properties of $\text{TiCrO}_3$ perovskite. Dalton Transactions, 2015, 44, 10785-10794.	3.3	16
135	Enhanced nonlinear optical activity and $\text{Ca}^{2+}$ -conductivity in $\text{D}_{3d}^{5d}$ - $\text{Pb}(\text{VO}_4)_7$ ferroelectrics. Journal of Alloys and Compounds, 2018, 735, 1826-1837.	5.5	16
136	Crystal structures of new double calcium and cobalt phosphates. Materials Research Bulletin, 1998, 33, 987-995.	5.2	15
137	Effects of Oxygen Content on $\text{Bi}_3\text{Mn}_3\text{O}_{11+\delta}$ : From 45 K Antiferromagnetism to Room-Temperature True Ferromagnetism. Journal of the American Chemical Society, 2010, 132, 12426-12432.	13.7	15
138	Absence of Metallic Conductivity in Tetragonal and Cubic $\text{PbVO}_3$ at High Pressure. Journal of the Physical Society of Japan, 2014, 83, 074711.	1.6	15
139	Magnetic properties of solid solutions between $\text{BiCrO}_3$ and $\text{BiGaO}_3$ with perovskite structures. Science and Technology of Advanced Materials, 2015, 16, 026003.	6.1	15
140	Redox Reactions in Strontium Iron Phosphates: Synthesis, Structures, and Characterization of $\text{Sr}_9\text{Fe}(\text{PO}_4)_7$ and $\text{Sr}_9\text{FeD}(\text{PO}_4)_7$ . Chemistry of Materials, 2005, 17, 5455-5464.	6.7	14
141	Electrical and magnetic properties of hexagonal $\text{BaTiO}_3$ . Physical Review B, 2008, 77, .	3.2	14
142	Local distortions in multiferroic $\text{BiMnO}_3$ as a function of doping. Science and Technology of Advanced Materials, 2011, 12, 044610.	6.1	14
143	Structural, magnetic, and dielectric properties of solid solutions between $\text{BiMnO}_3$ and $\text{YMnO}_3$ . Journal of Solid State Chemistry, 2017, 246, 8-15.	2.9	14
144	Mn Self-Doping of Orthorhombic $\text{RMnO}_3$ Perovskites: ( $\text{R}_{0.667}\text{Mn}_{0.333}$ ) $\text{MnO}_3$ with $\text{R} = \text{Er-Lu}$ . Inorganic Chemistry, 2018, 57, 2773-2781.	4.0	14

#	ARTICLE	IF	CITATIONS
145	Crystal and Magnetic Structures and Properties of $(\text{Lu}_{1-x}\text{Mn}_x)_2\text{MnO}_3$ Solid Solutions. <i>Inorganic Chemistry</i> , 2018, 57, 14073-14085.	4.0	14
146	Intrinsic Triple Order in A-site Columnar-Ordered Quadruple Perovskites: Proof of Concept. <i>ChemPhysChem</i> , 2018, 19, 2449-2452.	2.1	14
147	Magnetic structure and spin-flip transition in the A-site columnar-ordered quadruple perovskite $\text{Y}_{1-x}\text{Mn}_x\text{Mn}_3\text{O}_{12}$ . <i>Physical Review B</i> , 2019, 99, 020407.	3.2	14
148	Valence Variations by B-Site Doping in A-Site Columnar-Ordered Quadruple Perovskites $\text{Sm}_{2-x}\text{MnMn}(\text{Mn}_{4-x}\text{Ti}_x)\text{O}_{12}$ with 1 at% $x$ . <i>Inorganic Chemistry</i> , 2019, 58, 3492-3501.	4.0	14
149	Synthesis and crystal structure of $\text{LiCuFe}_2(\text{VO}_4)_3$ by rietveld method. <i>Materials Research Bulletin</i> , 1999, 34, 1973-1980.	5.2	13
150	Magnetic and Mössbauer studies of 5% Fe-doped $\text{BiMnO}_3$ . <i>Journal of Solid State Chemistry</i> , 2007, 180, 3401-3407.	2.9	13
151	Solid Solutions between $\text{BiMnO}_3$ and $\text{BiCrO}_3$ . <i>Inorganic Chemistry</i> , 2016, 55, 12348-12356.	4.0	13
152	A layered wide-gap oxyhalide semiconductor with an infinite $\text{ZnO}_2$ square planar sheet: $\text{Sr}_2\text{ZnO}_2\text{Cl}_2$ . <i>Chemical Communications</i> , 2017, 53, 3826-3829.	4.1	13
153	Enhanced magnetization of the layered ferrimagnetic oxide $\text{Sr}_2\text{Mn}_2\text{O}_7$ . <i>Physical Review B</i> , 2020, 102, 020407.	3.2	13
154	New Mixed-Valent Iron (II/III) Phosphates, $\text{Cu}_{3-x}\text{Fe}_{4+x}(\text{PO}_4)_6$ . <i>Journal of Solid State Chemistry</i> , 2000, 150, 159-166.	2.9	12
155	Structures of nonlinear hexagonal borat tungstates $\text{Ln}_3\text{BWO}_9$ (Ln = La, Pr, Nd, Sm, Gd, Tb, Dy). <i>Russian Journal of Inorganic Chemistry</i> , 2006, 51, 884-889.	1.3	12
156	Low-Temperature Vacuum Reduction of $\text{BiMnO}_3$ . <i>Inorganic Chemistry</i> , 2011, 50, 7685-7689.	4.0	12
157	High-pressure synthesis, crystal structure, and magnetic properties of $\text{KSbO}_3$ -type 5d oxides $\text{K}_{0.84}\text{OsO}_3$ and $\text{Bi}_{2.93}\text{Os}_3\text{O}_{11}$ . <i>Science and Technology of Advanced Materials</i> , 2014, 15, 064901.	6.1	12
158	The manifestation of spin-phonon coupling in $\text{CaMnO}_3$ . <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	12
159	Displacive structural phase transitions and the magnetic ground state of quadruple perovskite $\text{YMn}_2\text{O}_7$ . <i>Physical Review B</i> , 2018, 98, .	3.7	12
160	Structural Changes and Phase Transitions in Whitlockite-Like Phosphates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1899-1902.	1.6	11
161	Magnetic properties of some Cu-containing phosphates. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 937-938.	2.3	11
162	Ac susceptibility studies of multiferroic $\text{BiMnO}_3$ and solid solutions between $\text{BiMnO}_3$ and $\text{BiScO}_3$ . <i>Journal of Physics Condensed Matter</i> , 2008, 20, 025211.	1.8	11

#	ARTICLE	IF	CITATIONS
163	Superconducting properties of the oxygen-deficient iron oxyarsenide $TbFeAsO_{1-x}$ from underdoped to overdoped compositions. <i>Physical Review B</i> , 2009, 80, .	3.2	11
164	Evolution of structural distortions in solid solutions between $BiMnO_3$ and $BiScO_3$ . <i>Journal of Solid State Chemistry</i> , 2009, 182, 685-689.	2.9	11
165	$^{57}Fe$ Mössbauer study of new multiferroic $AgFeO_2$ . <i>Hyperfine Interactions</i> , 2014, 226, 41-50.	0.5	11
166	Colossal magnetoresistance in the insulating ferromagnetic double perovskites $Tl_2NiMnO_6$ : A neutron diffraction study. <i>Acta Materialia</i> , 2019, 173, 20-26.	7.9	11
167	Crystal structure, dielectric, and optical properties of $\hat{\Gamma}^2$ -calcium orthophosphates heavily doped with ytterbium. <i>Journal of Alloys and Compounds</i> , 2019, 787, 1301-1309.	5.5	11
168	Synchrotron X-ray and TOF neutron powder diffraction study of a lyonsite-type oxide $Co_3.6Fe_3.6(VO_4)_6$ . <i>Solid State Sciences</i> , 2002, 4, 515-522.	3.2	10
169	Low-Dimensional Ferromagnetic Properties of $SrCuV_2O_7$ and $BaCuV_2O_7$ . <i>Inorganic Chemistry</i> , 2005, 44, 3762-3766.	4.0	10
170	High-pressure synthesis, crystal structures, and characterization of $CdVO_3$ and solid solutions $CdVO_3 \cdot NaVO_3$ . <i>Journal of Solid State Chemistry</i> , 2006, 179, 1650-1658.	2.9	10
171	Structure and cation distribution in perovskites with small cations at the A site: the case of $ScCoO_3$ . <i>Science and Technology of Advanced Materials</i> , 2015, 16, 024801.	6.1	10
172	Cyano-bridged Trimetallic Coordination Polymer Nanoparticles and Their Thermal Decomposition into Nanoporous Spinel Ferromagnetic Oxides. <i>Chemistry - A European Journal</i> , 2016, 22, 15042-15048.	3.3	10
173	Electronic Structure of Cobaltites $ScCo_{1-x}Fe_xO_3$ ( $x = 0, 0.05$ ) and $BiCoO_3$ : X-Ray Photoelectron Spectroscopy. <i>Journal of Experimental and Theoretical Physics</i> , 2019, 128, 899-908.	0.9	10
174	Molecular magnetic thin films made from Ni-Co Prussian blue analogue anchored on silicon wafers. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 486, 165276.	2.3	10
175	$^{57}Fe$ Mössbauer spectroscopy study of cycloidal spin arrangements and magnetic transitions in $BiF_2$	3.2	10
176	High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites $NaR_{Mn_2}Ti_4O_{12}$ with $R = Sm, Eu, Gd, Dy, Ho, Y$ . <i>Inorganic Chemistry</i> , 2020, 59, 9065-9076.	4.0	10
177	Polar-to-centrosymmetric phase transition in $Ca_{1.5}Sr_{1.5}(VO_4)_2$ and the polar phase structure. <i>Materials Research Bulletin</i> , 2001, 36, 1873-1880.	5.2	9
178	Strontium phosphates with $\hat{\Gamma}^2$ - $Ca_3(PO_4)_2$ -type structures: $Sr_9NiLi(PO_4)_7$ , $Sr_{9.04}Ni_{1.02}Na_{0.88}(PO_4)_7$ , and $Sr_{9.08}Ni_{1.04}K_{0.76}(PO_4)_7$ . <i>Journal of Materials Chemistry</i> , 2002, 12, 3803-3808.	6.7	9
179	Phase transitions in Sr-containing phosphates and vanadates with $\hat{\Gamma}^2$ - $Ca_3(PO_4)_2$ -related structures. <i>Solid State Ionics</i> , 2004, 172, 533-537.	2.7	9
180	Magnetic nanocables Silicon carbide sheathed with iron-oxide-doped amorphous silica. <i>Applied Physics Letters</i> , 2006, 88, 043105.	3.3	9

#	ARTICLE	IF	CITATIONS
181	Re-entrant spin-glass behaviour of geometrically frustrated SrFe <sub>3</sub> (PO <sub>4</sub> ) <sub>3</sub> O. Journal of Physics Condensed Matter, 2007, 19, 145221.	1.8	9
182	The high-pressure form of cadmium vanadate, CdV <sub>2</sub> O <sub>6</sub> . Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, i37-i39.	0.4	9
183	Crystal structure and electronic and thermal properties of TbFeAsO <sub>0.85</sub> . Applied Physics Letters, 2009, 94, 192507.	3.3	9
184	On magnetic properties of BiCrO <sub>3</sub> and BiMnO <sub>3</sub> . Journal of Physics: Conference Series, 2009, 165, 012035.	0.4	9
185	High-Pressure Synthesis, Crystal Structure, and Properties of BiPd <sub>2</sub> O <sub>4</sub> with Pd <sup>2+</sup> and Pd <sup>4+</sup> Ordering and PbPd <sub>2</sub> O <sub>4</sub> . Inorganic Chemistry, 2012, 51, 7650-7656.	4.0	9
186	Isovalent and aliovalent cation substitutions in the anion sublattice of whitlockite-type ferroelectrics Ca <sub>9</sub> RE(VO <sub>4</sub> ) <sub>7</sub> with RE = Y and Yb. Journal of Solid State Chemistry, 2019, 279, 120966.	2.9	9
187	Crystal structure and magnetic properties of A-site-ordered quadruple perovskite CeCu <sub>3</sub> Cr <sub>4</sub> O <sub>12</sub> . Journal of Alloys and Compounds, 2019, 793, 42-48.	5.5	9
188	Study of Polycrystalline Bulk Sr <sub>3</sub> O <sub>6</sub> Double-Perovskite Insulator: Comparison with 1000 K Ferromagnetic Epitaxial Films. Inorganic Chemistry, 2020, 59, 4049-4057.	4.0	9
189	The rich physics of A-site-ordered quadruple perovskite manganites AMn <sub>7</sub> O <sub>12</sub> . Dalton Transactions, 2021, 50, 15458-15472.	3.3	9
190	Structural Basis for the Phase Switching of Bisaminecopper(II) Cations at the Thermal Limits of Lattice Stability. Inorganic Chemistry, 2006, 45, 5027-5033.	4.0	8
191	Magnetic and vibrational properties and crystal structure of Sr <sub>9.2</sub> Co <sub>1.3</sub> (PO <sub>4</sub> ) <sub>7</sub> with disordered arrangements of some strontium, cobalt, and phosphate ions. Journal of Solid State Chemistry, 2006, 179, 161-168.	2.9	8
192	Magnetic and electrical properties of antiperovskite Mn <sub>3</sub> InN synthesized by a high-pressure method. Journal of Physics: Conference Series, 2012, 400, 032094.	0.4	8
193	Bi <sub>3</sub> Cr <sub>2.91</sub> O <sub>11</sub> : A Ferromagnetic Insulator from Cr <sup>4+</sup> /Cr <sup>5+</sup> Mixing. Inorganic Chemistry, 2014, 53, 8362-8366.	4.0	8
194	Mössbauer studies of multiferroics BiFe <sub>1-x</sub> Cr <sub>x</sub> O <sub>3</sub> (x = 0-0.20). Physics of the Solid State, 2017, 59, 1558-1564.	0.6	8
195	<sup>61</sup> Ni Nuclear Forward Scattering Study of Magnetic Hyperfine Interactions in Double Perovskites A <sub>2</sub> NiMnO <sub>6</sub> (A = Sc, In, Tl). Journal of Physical Chemistry C, 2019, 123, 23628-23634.	3.1	8
196	Synthesis, structure, and magnetic and dielectric properties of magnetoelectric BaDyFeO <sub>4</sub> ferrite. Journal of Alloys and Compounds, 2019, 811, 151963.	5.5	8
197	Electric Hyperfine Interactions of <sup>57</sup> Fe Impurity Atoms in ACrO <sub>3</sub> Perovskite-Type Chromites (A = Sc, In, Tl). Journal of Physical Chemistry C, 2019, 123, 23628-23634.	1.0784314	8
198	A-site-ordered quadruple perovskite manganite CeMn <sub>7</sub> O <sub>12</sub> with trivalent cations. Journal of Solid State Chemistry, 2020, 283, 121161.	2.9	8

#	ARTICLE	IF	CITATIONS
199	Origin of negative magnetization phenomena in $(\text{Tm}_{1-x}\text{Mn}_x)\text{MnO}_3$ : A neutron diffraction study. <i>Physical Review B</i> , 2020, 101, .	3.2	8
200	$\text{KTb}(\text{MoO}_4)_2$ Green Phosphor with $\text{K}^{+}$ -Ion Conductivity: Derived from Different Synthesis Routes. <i>Inorganic Chemistry</i> , 2021, 60, 9471-9483.	4.0	8
201	Modulated Magnetic Structures in $\text{BaRFeO}_4$ ( $\text{R} = \text{Y}$ and $\text{Dy}$ ): Magnetic and $^{57}\text{Fe}$ Mössbauer Investigations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13374-13384.	3.1	8
202	Cu-Site Disorder in $\text{CuAl}_2\text{O}_4$ as Studied by XPS Spectroscopy. <i>JETP Letters</i> , 2021, 114, 556-560.	1.4	8
203	Neutron powder diffraction study of the magnetic and crystal structures of $\text{SrFe}_2(\text{PO}_4)_2$ . <i>Journal of Solid State Chemistry</i> , 2008, 181, 2292-2297.	2.9	7
204	Magnetic and charge transport properties of the Na-based Os oxide pyrochlore. <i>Journal of Solid State Chemistry</i> , 2009, 182, 881-887.	2.9	7
205	Spatially modulated magnetic structure of $\text{AgFeO}_2$ : Mössbauer study on $^{57}\text{Fe}$ nuclei. <i>JETP Letters</i> , 2014, 98, 544-550.	1.4	7
206	Spin-Glass Magnetic Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{Y}_2\text{MnGa}(\text{Mn}_{4-x}\text{Gax})\text{O}_{12}$ with $0 \leq x \leq 3$ . <i>Inorganic Chemistry</i> , 2019, 58, 14830-14841.	4.0	7
207	Barium-induced effects on structure and properties of $\text{Ca}_3(\text{PO}_4)_2$ -type $\text{Ca}_9\text{Bi}(\text{VO}_4)_7$ . <i>Journal of Alloys and Compounds</i> , 2019, 793, 56-64.	5.5	7
208	$\text{K}_5\text{Eu}_2\text{Tb}_x(\text{MoO}_4)_4$ Phosphors for Solid-State Lighting Applications: Aperiodic Structures and the $\text{Tb}^{3+} \rightarrow \text{Eu}^{3+}$ Energy Transfer. <i>Inorganic Chemistry</i> , 2022, 61, 7910-7921.	4.0	7
209	Negative Exchange Bias in Polycrystalline Hexagonal $\text{ScMnO}_3$ , $\text{InMnO}_3$ , $\text{YMnO}_3$ , $4\text{H-SrMnO}_3$ , and $6\text{H-SrMnO}_3$ and Perovskite $\text{YMnO}_3$ : Effects of Impurities. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 074703.	1.6	6
210	$\text{LiNbO}_3$ -Type Oxide $\text{Tl}_x\text{Sc}_x\text{ScO}_3$ : High-Pressure Synthesis, Crystal Structure, and Electronic Properties. <i>Inorganic Chemistry</i> , 2016, 55, 1940-1945.	4.0	6
211	Influence of magnesium on dielectric properties of $\text{Ca}_{9-x}\text{Mg}_x\text{Bi}(\text{VO}_4)_7$ ceramics. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4011-4022.	3.8	6
212	Changes in the Magnetic Structure of Multiferroic $\text{BiFe}_{0.80}\text{Cr}_{0.20}\text{O}_3$ with Temperature. <i>Physics of the Solid State</i> , 2019, 61, 1030-1036.	0.6	6
213	Ferrimagnetic and relaxor ferroelectric properties of $\text{R}_2\text{MnMn}(\text{MnTi}_3)\text{O}_{12}$ perovskites with $\text{R} = \text{Nd}, \text{Eu}$ , and $\text{Gd}$ . <i>Journal of Materials Chemistry C</i> , 2021, 9, 947-956.	5.5	6
214	High-pressure synthesis, crystal structures, and magnetic and dielectric properties of $\text{GdFeO}_3$ -type perovskites $(\text{Dy}_{0.5}\text{Mn}_{0.5})(\text{Mn}_{1-x}\text{Ti}_x)\text{O}_3$ with $x = 0.5$ and $0.75$ . <i>Journal of Alloys and Compounds</i> , 2020, 825, 154019.	5.5	6
215	Synthesis and Superconducting Properties of the Iron Oxyarsenide $\text{TbFeAsO}_{0.85}$ . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 155-157.	1.6	6
216	Effects of magnetic dilution in the ferrimagnetic columnar ordered $\text{SmMn}_2\text{Mn}_4\text{Mn}_x\text{O}_{12}$ perovskites. <i>Physical Review B</i> , 2014, 89, 014407.	3.2	6

#	ARTICLE	IF	CITATIONS
217	Different magnetic and magnetodielectric behavior of BaRFeO <sub>4</sub> ferrites with R = Ho, Er, Tm, and Yb. Journal of Alloys and Compounds, 2022, 922, 166297.	5.5	6
218	Photoinduced phase transition of coordinationally unsaturated d <sub>9</sub> metal centers within the thermal hysteresis of the spin exchange interaction. Chemical Communications, 2006, , 1491.	4.1	5
219	Magnetic hyperfine interactions of [ <sup>57</sup> Fe in ScFeO <sub>3</sub> ]. , 2012, , .		5
220	Magnetic excitations in an S <sub>4</sub> tetramer compound Physical Review B, 2015, 92, .	3.2	5
221	Structural changes in Sr <sub>9</sub> In(PO <sub>4</sub> ) <sub>7</sub> during antiferroelectric phase transition. Inorganic Materials, 2016, 52, 176-185.	0.8	5
222	Crystal structures of cation non-stoichiometric RMn <sub>3</sub> O <sub>6</sub> (R = Gd, Er, and Tm) manganites belonging to A-site columnar-ordered quadruple perovskite family. Journal of Solid State Chemistry, 2019, 275, 43-48.	2.9	5
223	Crystal structure of high-T <sub>c</sub> related NdBaCuO <sub>2</sub> BO <sub>3</sub> : TEM and neutron powder diffraction study. Physica C: Superconductivity and Its Applications, 2001, 355, 119-125.	1.2	4
224	High field ESR measurements of spin gap system MCu <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> . Journal of Physics and Chemistry of Solids, 2005, 66, 2068-2071.	4.0	4
225	Photoinduced Phase Transition of the Coordinationally Unsaturated d <sub>9</sub> Metal Centers of Bis(N,N-diethylethylenediamine)copper(II) Perchlorate within the Thermal Hysteresis of the Spin-Exchange Interaction. European Journal of Inorganic Chemistry, 2006, 2006, 1345-1347.	2.0	4
226	Effects of secondary ligand and excitation on the thermally induced and photoinduced valence tautomerism semiquinonate ↔ catecholate. Inorganic Chemistry Communication, 2008, 11, 465-469.	3.9	4
227	Crystal structures and properties of BiMn <sub>1-x</sub> Al <sub>x</sub> O <sub>3</sub> with x=0.03 and 0.1. Materials Research Bulletin, 2008, 43, 3179-3187.	5.2	4
228	Tight relation between the oxygen deficiency and T <sub>c</sub> in LaFeAsO <sub>1-x</sub> . Physica C: Superconductivity and Its Applications, 2010, 470, S438-S439.	1.2	4
229	Continuous critical temperature enhancement with gradual hydrogen doping in LaFeAsO <sub>1-x</sub> Physical Review B, 2015, 92, .		

#	ARTICLE	IF	CITATIONS
235	Emergence of a Magnetostructural Dipolar Glass in the Quadruple Perovskite $\text{Dy}_{1-x}\text{Mn}_x\text{O}_{12}$ . Physical Review Letters, 2020, 125, 097601.	7.8	4
236	Structure and Electric Conductivity of $\text{Na}_3\text{PO}_4$ Single Crystals. Crystallography Reports, 2000, 45, 902.	0.6	4
237	Crystal and Magnetic Structure Transitions in $\text{BiMnO}_3+\hat{\Gamma}$ Ceramics Driven by Cation Vacancies and Temperature. Materials, 2021, 14, 5805.	2.9	4
238	Structural and Magnetic Phase Transitions in $\text{BiFe}_{1-x}\text{Mn}_x\text{O}_3$ Solid Solution Driven by Temperature. Nanomaterials, 2022, 12, 1565.	4.1	4
239	Carrier-doping metal-insulator transition in solid solutions of $\text{CdVO}_3\hat{\Gamma}\text{VO}_3$ . Journal of Magnetism and Magnetic Materials, 2007, 310, e240-e242.	2.3	3
240	Publisher's Note: Continuous metal-insulator transition of the antiferromagnetic perovskite $\text{NaOsO}_3$ . Physical Review B, 2009, 80, .	3.2	3
241	Magnetism, transport, and specific heat of electronically phase-separated $\text{Pr}_{0.7}\text{Pb}_{0.3}\text{MnO}_3$ single crystals. Journal of Physics Condensed Matter, 2009, 21, 076002.	1.8	3
242	$\mu$ ssbauer studies of spatial spin-modulated structure and hyperfine interactions in multiferroic $\text{Bi}_5\text{Fe}_{10}\text{Fe}_{0.85}\text{Cr}_{0.05}\text{O}_3$ . Physics of the Solid State, 2017, 59, 443-449.	0.6	3
243	Hyperfine Interactions of $^{57}\text{Fe}$ Nuclei in $\text{ScCo}_{1-x}\text{Fe}_x\text{O}_3$ ( $x = 0.05, 0.4$ ) Substituted Cobaltites. Journal of Experimental and Theoretical Physics, 2018, 126, 514-522.	0.9	3
244	Pressure-induced incommensurate antiferromagnetic order in a ferromagnetic B-site ordered double-perovskite $\text{Lu}_2\text{NiMnO}_6$ . Physical Review B, 2020, 102, .	3.2	3
245	$\text{Sr}_9\text{In}(\text{VO}_4)_7$ as a model ferroelectric in the structural family of $\hat{\Gamma}^2\text{-Ca}_3(\text{PO}_4)_2$ -type phosphates and vanadates. RSC Advances, 2020, 10, 10867-10872.	3.6	3
246	Magnetic properties and ferrimagnetic structures of Mn self-doped perovskite solid solutions $(\text{Ho}_{1-x}\text{Mn}_x)\text{MnO}_3$ . Journal of Alloys and Compounds, 2021, 857, 158230.	5.5	3
247	Solid Solutions between $\text{PbVO}_3$ and $\text{BiCoO}_3$ . Inorganic Chemistry, 2021, 60, 4957-4965.	4.0	3
248	Temperature evolution of 3d- and 4f-electron magnetic ordering in the ferrimagnetic Mn self-doped perovskite $(\text{Yb}_{0.667}\text{Mn}_{0.333})\text{MnO}_3$ . Journal of Physics Condensed Matter, 2021, 33, 205804.	1.8	3
249	Ferroelectric and Ionic-Conductive Properties of Nonlinear-Optical Vanadate, $\text{Ca}_9\text{Bi}(\text{VO}_4)_7$ . ChemInform, 2003, 34, no.	0.0	2
250	Synthesis, crystal structure, and magnetic properties of new layered hexagonal perovskite $\text{Ba}_8\text{Ta}_4\text{Ru}_8/3\text{Co}_2/3\text{O}_{24}$ . Journal of Solid State Chemistry, 2004, 177, 3499-3504.	2.9	2
251	Current effects in electronically phase-separated $\text{Pr}_{0.7}\text{Pb}_{0.3}\text{MnO}_3$ single crystals. Journal of Applied Physics, 2006, 99, 08Q301.	2.5	2
252	Effects of doping on structural, physical, and chemical properties of multiferroic $\text{BiMnO}_3$ and $\text{BiCrO}_3$ . Transactions of the Materials Research Society of Japan, 2009, 34, 39-42.	0.2	2

#	ARTICLE	IF	CITATIONS
253	Synthesis, structural and physical properties of ScMn <sub>2</sub> O <sub>4</sub> . Solid State Communications, 2013, 153, 71-75.	1.9	2
254	Charge and orbital orders and structural instability in high-pressure quadruple perovskite CeCuMn <sub>6</sub> O <sub>12</sub> . Journal of Physics Condensed Matter, 2018, 30, 074003.	1.8	2
255	A plethora of structural transitions, distortions and modulations in Cu-doped BiMn <sub>7</sub> O <sub>12</sub> quadruple perovskites. Journal of Materials Chemistry C, 2021, 9, 10232-10242.	5.5	2
256	Structural stability of CuAl <sub>2</sub> O <sub>4</sub> under pressure. Journal of Physics Condensed Matter, 2021, 33, 035403.	1.8	2
257	Unexpected Phonon Behaviour in BiFexCr <sub>1-x</sub> O <sub>3</sub> , a Material System Different from Its BiFeO <sub>3</sub> and BiCrO <sub>3</sub> Parents. Nanomaterials, 2022, 12, 1607.	4.1	2
258	Crystal structure of LaHo <sub>0.75</sub> Sr <sub>0.25</sub> CuO <sub>3.89</sub> : evidence of oxygen vacancies in the fluorite-like slab. Journal of Alloys and Compounds, 2001, 319, L1-L4.	5.5	1
259	Crystallographic Features and Tetragonal Phase Stability of PbVO <sub>3</sub> , a New Member of PbTiO <sub>3</sub> Family.. ChemInform, 2005, 36, no.	0.0	1
260	ESR Measurements on One-Dimensional Quantum Ferrimagnets A <sub>3</sub> Cu <sub>3</sub> (PO <sub>4</sub> ) <sub>4</sub> with A=Sr and Ca in Submillimeter-Wave Region. Journal of the Physical Society of Japan, 2006, 75, 094718.	1.6	1
261	Current effects and topology of current paths in single crystalline Pr <sub>0.7</sub> Pb <sub>0.3</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2006, 100, 113902.	2.5	1
262	Structural and Physical Properties of Heavily Doped Yttrium Vanadate: Y <sub>0.6</sub> Cd <sub>0.4</sub> VO <sub>3</sub> . Chemistry of Materials, 2008, 20, 5246-5252.	6.7	1
263	Comment on "Impedance spectroscopy study and ground state electronic properties of In(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> (Physica B 406 (2011) 1081-1087)" and related works. Physica B: Condensed Matter, 2012, 407, 3683-3685.	2.7	1
264	Probe Mössbauer Spectroscopy of BiNi <sub>0.9657</sub> Fe <sub>0.04</sub> O <sub>3</sub> . Inorganic Materials, 2018, 54, 990-997.	0.8	1
265	High-Pressure Synthesis, Crystal Structure, and Semimetallic Properties of HgPbO <sub>3</sub> . Inorganic Chemistry, 2018, 57, 7601-7609.	4.0	1
266	Spin Dynamics of Two-Dimensional Triangular-Lattice Antiferromagnet 3R-AgFeO <sub>2</sub> . Applied Magnetic Resonance, 2019, 50, 637-648.	1.2	1
267	Competing electronic instabilities in the quadruple perovskite manganite PbMn <sub>7</sub> O <sub>12</sub> . Physical Review B, 2021, 103, .	3.2	1
268	Multiple magnetic transitions and complex magnetic behaviour of the perovskite manganite NdMn <sub>7</sub> O <sub>12</sub> . Journal of Solid State Chemistry, 2022, 309, 122969.	2.9	1
269	Resonant inelastic X-ray scattering as a probe of Jeff <sub>z</sub> = 1/2 state in 3d transition-metal oxide. Npj Quantum Materials, 2022, 7, .	5.2	1
270	Structure and Properties of Ca <sub>9</sub> FeD(PO <sub>4</sub> ) <sub>7</sub> . Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2233-2233.	1.6	0



#	ARTICLE	IF	CITATIONS
271	Reduction and Re-Oxidation Behavior of Calcium Iron Phosphate, Ca <sub>9</sub> Fe(PO <sub>4</sub> ) <sub>7</sub> .. ChemInform, 2003, 34, no.	0.0	0
272	Short-Range and Long-Range Magnetic Ordering in SrCu <sub>2</sub> P <sub>2</sub> O <sub>7</sub> and PbCu <sub>2</sub> P <sub>2</sub> O <sub>7</sub> .. ChemInform, 2004, 35, no.	0.0	0
273	Ferroelectric Phase Transition in the Whitlockite-Type Ca <sub>9</sub> Fe(PO <sub>4</sub> ) <sub>7</sub> ; Crystal Structure of the Paraelectric Phase at 923 K.. ChemInform, 2004, 35, no.	0.0	0
274	SrFe <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> : Ab initio Structure Determination with X-Ray Powder Diffraction Data and Unusual Magnetic Properties.. ChemInform, 2005, 36, no.	0.0	0
275	New Noncentrosymmetric Vanadates Sr <sub>9</sub> Ln(VO <sub>4</sub> ) <sub>7</sub> (Ln: Tm, Yb, and Lu): Synthesis, Structure Analysis, and Characterization.. ChemInform, 2005, 36, no.	0.0	0
276	Low-Dimensional Ferromagnetic Properties of SrCuV <sub>2</sub> O <sub>7</sub> and BaCuV <sub>2</sub> O <sub>7</sub> .. ChemInform, 2005, 36, no.	0.0	0
277	Investigation of the Crystal Structure and the Structural and Magnetic Properties of SrCu <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> .. ChemInform, 2005, 36, no.	0.0	0
278	Redox Reactions in Strontium Iron Phosphates: Synthesis, Structures, and Characterization of Sr <sub>9</sub> Fe(PO <sub>4</sub> ) <sub>7</sub> and Sr <sub>9</sub> FeD(PO <sub>4</sub> ) <sub>7</sub> .. ChemInform, 2006, 37, no.	0.0	0
279	Magnetic properties of the sodium-osmium-oxide pyrochlore. Journal of Physics: Conference Series, 2010, 200, 012185.	0.4	0
280	Essential difference between scatterings by Zn and Pt on superconductivity of BaFe <sub>1.92</sub> Pt <sub>0.08</sub> As <sub>2</sub> single crystal. Journal of Physics: Conference Series, 2012, 400, 022138.	0.4	0
281	<sup>57</sup> Fe Mössbauer investigation of multiferroics BiMn <sub>0.965</sub> Fe <sub>0.04</sub> O <sub>3</sub> and BiMn <sub>0.7</sub> Fe <sub>0.3</sub> O <sub>3</sub> . , 2014, , .		0
282	Crystal Chemistry and Physics of Perovskites with Small Cations at the A Site. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C976-C976.	0.1	0
283	Electrically insulating properties of the 5d double perovskite Sr <sub>2</sub> YO <sub>6</sub> . Journal of Applied Physics, 2017, 122, 103905.	2.5	0
284	Reentrant Structural Transitions and Collapse of Charge and Orbital Orders in Quadruple Perovskites. Angewandte Chemie, 2017, 129, 10559-10563.	2.0	0
285	Spin and lattice dynamics of multiferroic SrMn <sub>7</sub> O <sub>12</sub> studied by THz and infrared spectroscopies at low temperatures and in magnetic field. , 2019, , .		0
286	Local Structure and Magnetic Hyperfine Interactions of <sup>57</sup> Fe Probe Nuclei in TiCr <sub>0.955</sub> Fe <sub>0.05</sub> O <sub>3</sub> . Journal of Experimental and Theoretical Physics, 2021, 133, 49-58.	0.9	0
287	High Field ESR Measurements on One Dimensional Antiferromagnetic Zigzag Chain Systems. Journal of the Korean Physical Society, 2008, 53, 999-1005.	0.7	0
288	High-pressure synthesis, crystal structure and magnetic properties of Ba <sub>3</sub> CuOs <sub>2</sub> O <sub>9</sub> . Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e337-e337.	0.1	0

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289	Comments on the paper "Effect of holmium (Ho) partial substitution in structure and ferroelectric properties of bismuth ferrites (BFO)" by S.G. Nair et al.. Journal of Alloys and Compounds, 2022, 903, 163875.	5.5	0
290	Aurivillius Phase $\text{Bi}_4\text{V}_3\text{O}_{12}$ with $d_{11}$ Magnetic Cations, Anisotropic and Negative Thermal Expansion, Multiple Structural Transitions, and Low-Dimensional Magnetism. Inorganic Chemistry, 0, , .	4.0	0