

Alexei A Belik

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1931472/alexei-a-belik-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

268 papers	7,071 citations	43 h-index	72 g-index
333 ext. papers	7,779 ext. citations	4.8 avg, IF	5.93 L-index

#	Paper	IF	Citations
268	Direct synthesis of MOF-derived nanoporous carbon with magnetic Co nanoparticles toward efficient water treatment. <i>Small</i> , 2014 , 10, 2096-107	11	505
267	Neutron Powder Diffraction Study on the Crystal and Magnetic Structures of BiCoO ₃ . <i>Chemistry of Materials</i> , 2006 , 18, 798-803	9.6	261
266	Tailored design of multiple nanoarchitectures in metal-cyanide hybrid coordination polymers. <i>Journal of the American Chemical Society</i> , 2013 , 135, 384-91	16.4	199
265	High-Pressure Synthesis, Crystal Structures, and Properties of Perovskite-like BiAlO ₃ and Pyroxene-like BiGaO ₃ . <i>Chemistry of Materials</i> , 2006 , 18, 133-139	9.6	182
264	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	1.8	178
263	Origin of the monoclinic-to-monoclinic phase transition and evidence for the centrosymmetric crystal structure of BiMnO ₃ . <i>Journal of the American Chemical Society</i> , 2007 , 129, 971-7	16.4	170
262	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	9.6	152
261	Structural Evolution of the BiFeO ₃ /LaFeO ₃ System. <i>Chemistry of Materials</i> , 2011 , 23, 285-292	9.6	148
260	Crystallographic Features and Tetragonal Phase Stability of PbVO ₃ , a New Member of PbTiO ₃ Family. <i>Chemistry of Materials</i> , 2005 , 17, 269-273	9.6	142
259	Pressure-induced spin-state transition in BiCoO ₃ . <i>Journal of the American Chemical Society</i> , 2010 , 132, 9438-43	16.4	136
258	Magnetic and structural properties of BiFe _{1-x} Mn _x O ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1177-1179	2.8	136
257	Colossal positive and negative thermal expansion and thermosalient effect in a pentamorphic organometallic martensite. <i>Nature Communications</i> , 2014 , 5, 4811	17.4	132
256	Bismuth Aluminate: A New High-TC Lead-Free Piezo-/ferroelectric. <i>Chemistry of Materials</i> , 2007 , 19, 6385-6390	9.6	129
255	Polar and nonpolar phases of BiMO ₃ : A review. <i>Journal of Solid State Chemistry</i> , 2012 , 195, 32-40	3.3	118
254	BiScO ₃ : centrosymmetric BiMnO ₃ -type oxide. <i>Journal of the American Chemical Society</i> , 2006 , 128, 706-716	16.4	113
253	Continuous metal-insulator transition of the antiferromagnetic perovskite NaOsO ₃ . <i>Physical Review B</i> , 2009 , 80,	3.3	87
252	Antiferrodistortive phase transition in EuTiO ₃ . <i>Physical Review B</i> , 2012 , 86,	3.3	81

251	BiInO ₃ : A Polar Oxide with GdFeO ₃ -Type Perovskite Structure. <i>Chemistry of Materials</i> , 2006 , 18, 1964-1968	9.6	69
250	Structure and Magnetic Properties of BiFe _{0.75} Mn _{0.25} O ₃ Perovskite Prepared at Ambient and High Pressure. <i>Chemistry of Materials</i> , 2011 , 23, 4505-4514	9.6	66
249	Whitlockite-Related Phosphates Sr ₉ A(PO ₄) ₇ (A=Sc, Cr, Fe, Ga, and In): Structure Refinement of Sr ₉ In(PO ₄) ₇ with Synchrotron X-Ray Powder Diffraction Data. <i>Journal of Solid State Chemistry</i> , 2002 , 168, 237-244	3.3	66
248	Polar phonon mixing in magnetoelectric EuTiO ₃ . <i>European Physical Journal B</i> , 2009 , 71, 429-433	1.2	62
247	Frustrated spin-1/2 square lattice in the layered perovskite PbVO ₃ . <i>Physical Review B</i> , 2008 , 77, 104411	3.3	61
246	Crystal Structures and Characterization of Ca ₉ Fe(PO ₄) ₇ and Ca ₉ Fe _{0.9} (PO ₄) ₇ . <i>Journal of Solid State Chemistry</i> , 1996 , 122, 15-21	3.3	61
245	Structural Properties of Multiferroic BiFeO ₃ under Hydrostatic Pressure. <i>Chemistry of Materials</i> , 2009 , 21, 3400-3405	9.6	60
244	High-Temperature Phase Transition in the Whitlockite-Type Phosphate Ca ₉ In(PO ₄) ₇ . <i>Journal of Solid State Chemistry</i> , 2002 , 165, 278-288	3.3	60
243	Large decrease in the critical temperature of superconducting LaFeAsO _{0.85} compounds doped with 3% atomic weight of nonmagnetic Zn impurities. <i>Physical Review B</i> , 2010 , 82, 020408	3.3	56
242	Neutron Powder Diffraction Study on the Crystal and Magnetic Structures of BiCrO ₃ . <i>Chemistry of Materials</i> , 2008 , 20, 3765-3769	9.6	56
241	Crystal structures of double calcium and alkali metal phosphates Ca ₁₀ M(PO ₄) ₇ (M = Li, Na, K). <i>Crystallography Reports</i> , 2000 , 45, 13-20	0.6	54
240	Ferroelectric and Ionic-Conductive Properties of Nonlinear-Optical Vanadate, Ca ₉ Bi(VO ₄) ₇ . <i>Chemistry of Materials</i> , 2003 , 15, 3003-3010	9.6	53
239	Prussian Blue Derived Nanoporous Iron Oxides as Anticancer Drug Carriers for Magnetic-Guided Chemotherapy. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1457-62	4.5	52
238	Electronic structure of BiMO ₃ multiferroics and related oxides. <i>Physical Review B</i> , 2010 , 81, 014407	3.3	52
237	Indium-based perovskites: a new class of near-room-temperature multiferroics. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6117-20	16.4	51
236	Observation of persistent centrosymmetry in the hexagonal manganite family. <i>Physical Review B</i> , 2012 , 85, 020408	3.3	50
235	Magnetic properties of synthetic libethenite Cu ₂ PO ₄ OH: a new spin-gap system. <i>Inorganic Chemistry</i> , 2007 , 46, 8684-9	5.1	49
234	Investigation of the crystal structure and the structural and magnetic properties of SrCu ₂ (PO ₄) ₂ . <i>Inorganic Chemistry</i> , 2005 , 44, 6632-40	5.1	48

- 233 Antipolar phase in multiferroic BiFeO₃ at high pressure. *Physical Review B*, **2011**, 84, 3-3 46
- 232 Crystal and magnetic structures and properties of BiMnO(3+delta). *Journal of the American Chemical Society*, **2010**, 132, 8137-44 16.4 46
- 231 High-pressure synthesis of 5d cubic perovskite BaOsO₃ at 17 GPa: ferromagnetic evolution over 3d to 5d series. *Journal of the American Chemical Society*, **2013**, 135, 16507-16 16.4 45
- 230 BiGaO₃-Based Perovskites: A Large Family of Polar Materials. *Chemistry of Materials*, **2012**, 24, 3056-3064 9.6 45
- 229 Crystal structure and magnetic properties of 6H-SrMnO₃. *Physical Review B*, **2011**, 84, 3-3 45
- 228 Magnetic properties of BiMnO₃ studied with Dc and Ac magnetization and specific heat. *Inorganic Chemistry*, **2006**, 45, 10224-9 5.1 45
- 227 Differentiation between ferroelectricity and thermally stimulated current in pyrocurrent measurements of multiferroic MMn₇O₁₂ (M=Ca, Sr, Cd, Pb). *Physical Review B*, **2016**, 93, 3-3 43
- 226 Competition between ferromagnetic and antiferromagnetic ground states in multiferroic BiMnO₃ at high pressures. *Physical Review B*, **2010**, 82, 3-3 43
- 225 Peculiar high-pressure behavior of BiMnO₃. *Inorganic Chemistry*, **2009**, 48, 1000-4 5.1 43
- 224 Ferroelectric phase transition in the whitlockite-type Ca₉Fe(PO₄)₇; crystal structure of the paraelectric phase at 923 K. *Solid State Sciences*, **2004**, 6, 185-195 3.4 43
- 223 Crystal symmetry of BiMnO₃: Electron diffraction study. *Physical Review B*, **2008**, 77, 3-3 42
- 222 Synthesis and X-ray Powder Diffraction Study of New Phosphates in the Cu₃(PO₄)₂Br₃(PO₄)₂ System: Sr_{1.9}Cu_{4.1}(PO₄)₄, Sr₃Cu₃(PO₄)₄, Sr₂Cu(PO₄)₂, and Sr_{9.1}Cu_{1.4}(PO₄)₇. *Journal of Solid State Chemistry*, **2002**, 163, 121-131 3-3 40
- 221 Long-range magnetic ordering of S=1/2 linear trimers in A₃Cu₃(PO₄)₄ (A=Ca, Sr, and Pb). *Journal of Solid State Chemistry*, **2005**, 178, 709-714 3-3 40
- 220 Polar and Centrosymmetric Phases in Solid Solutions Ca_{3-x}Sr_x(PO₄)₂ (0 ≤ x ≤ 16/7). *Chemistry of Materials*, **2002**, 14, 3197-3205 9.6 40
- 219 Strong spin-phonon coupling in infrared and Raman spectra of SrMnO₃. *Physical Review B*, **2014**, 89, 3-3 37
- 218 Perovskite, LiNbO₃, corundum, and hexagonal polymorphs of (In_{1-x}M_x)MO₃. *Journal of the American Chemical Society*, **2011**, 133, 9405-12 16.4 37
- 217 High-pressure synthesis, crystal chemistry and physics of perovskites with small cations at the A site. *Journal of Physics Condensed Matter*, **2014**, 26, 163201 1.8 36
- 216 Magnetic and dielectric properties of hexagonal InMnO₃. *Physical Review B*, **2009**, 79, 3-3 36

215	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, 17375-84	4.8	35
214	High-pressure synthesis, crystal structures, and properties of CdMn7O12 and SrMn7O12 perovskites. <i>Inorganic Chemistry</i> , 2015 , 54, 9081-91	5.1	34
213	Origin of magnetization reversal and exchange bias phenomena in solid solutions of BiFeO3-BiMnO3: intrinsic or extrinsic?. <i>Inorganic Chemistry</i> , 2013 , 52, 2015-21	5.1	34
212	Pressure-induced transformation of 6H hexagonal to 3C Perovskite structure in PbMnO3. <i>Inorganic Chemistry</i> , 2009 , 48, 2285-8	5.1	34
211	Synthesis and Characterization of New Strontium Iron(II) Phosphates, SrFe2(PO4)2 and Sr9Fe1.5(PO4)7. <i>Journal of Solid State Chemistry</i> , 2001 , 162, 113-121	3.3	34
210	(In(1-y)Mn(y))MnO3 (1/900/3): unusual perovskites with unusual properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7723-7	16.4	33
209	Synthesis and properties of oxygen non-stoichiometric BiMnO3. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1593		32
208	Magnetic properties of bulk BiCrO3 studied with dc and ac magnetization and specific heat. <i>Inorganic Chemistry</i> , 2007 , 46, 8746-51	5.1	32
207	Characterization of quasi-one-dimensional S=1/2 Heisenberg antiferromagnets Sr2Cu(PO4)2 and Ba2Cu(PO4)2 with magnetic susceptibility, specific heat, and thermal analysis. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 883-888	3.3	32
206	Synthesis and crystal structure of Ca9Cu1.5(PO4)7 and reinvestigation of Ca9.5Cu(PO4)7. <i>Materials Research Bulletin</i> , 2001 , 36, 1863-1871	5.1	32
205	High-pressure phase transitions in BiMO3 (M=Al, Ga, and In): In situ x-ray diffraction and Raman scattering experiments. <i>Physical Review B</i> , 2009 , 80,	3.3	31
204	Absence of ferroelectricity in BiMnO3 ceramics. <i>Journal of Applied Physics</i> , 2012 , 112, 074112	2.5	31
203	Sc2NiMnO6: A Double-Perovskite with a Magnetodielectric Response Driven by Multiple Magnetic Orders. <i>Inorganic Chemistry</i> , 2015 , 54, 8012-21	5.1	30
202	Crystal growth and structure and magnetic properties of the 5d oxide Ca3LiOsO6: extended superexchange magnetic interaction in oxide. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8474-83	16.4	30
201	A novel red Ca8.5Pb0.5Eu(PO4)7 phosphor for light emitting diodes application. <i>Journal of Alloys and Compounds</i> , 2015 , 647, 965-972	5.7	29
200	Low-Temperature Structural Modulations in CdMn7O12, CaMn7O12, SrMn7O12, and PbMn7O12 Perovskites Studied by Synchrotron X-ray Powder Diffraction and Mössbauer Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 8278-8288	3.8	29
199	Crystal Structures and Properties of Perovskites ScCrO3 and InCrO3 with Small Ions at the A Site. <i>Chemistry of Materials</i> , 2012 , 24, 2197-2203	9.6	29
198	Antiferroelectric properties and site occupations of R3+ cations in Ca8MgR(PO4)7 luminescent host materials. <i>Journal of Alloys and Compounds</i> , 2017 , 699, 928-937	5.7	28

- 197 Rise of A-site columnar-ordered AA'A''BO quadruple perovskites with intrinsic triple order. *Dalton Transactions*, **2018**, 47, 3209-3217 4.3 27
- 196 Effects of isovalent substitution in the manganese sublattice on magnetic, thermal, and structural properties of BiMnO₃: BiMn_{1-x}MxO₃ (M=Al, Sc, Cr, Fe, Ga; 0. *Inorganic Chemistry*, **2007**, 46, 5585-90 5.1 27
- 195 High-Pressure Synthesis and Properties of Solid Solutions between BiMnO₃ and BiScO₃. *Chemistry of Materials*, **2007**, 19, 1679-1689 9.6 27
- 194 Positional and Orientational Disorder in a Solid Solution of Sr_{9+x}Ni_{1.5-x}(PO₄)₇ (x = 0.3). *Chemistry of Materials*, **2002**, 14, 4464-4472 9.6 27
- 193 Anomalous thermal expansion in orthorhombic perovskite SrIrO₃: Interplay between spin-orbit coupling and the crystal lattice. *Physical Review B*, **2014**, 89, 3.3 26
- 192 Magnetic excitations from the linear Heisenberg antiferromagnetic spin trimer system A₃Cu₃(PO₄)₄ (A=Ca, Sr, and Pb). *Physical Review B*, **2005**, 71, 3.3 26
- 191 Magnetic properties of isostructural BaCoP₂O₇, BaNiP₂O₇, and BaCuP₂O₇ studied with dc and ac magnetization and specific heat. *Inorganic Chemistry*, **2005**, 44, 7523-9 5.1 26
- 190 Crystal structure and properties of phosphate PbCu₂(PO₄)₂ with spin-singlet ground state. *Physical Review B*, **2006**, 73, 3.3 26
- 189 Short-range and long-range magnetic ordering in SrCuP₂O₇ and PbCuP₂O₇. *Inorganic Chemistry*, **2003**, 42, 8572-8 5.1 26
- 188 Crystal Structures of Double Vanadates Ca₉R(VO₄)₇. IV. R = Er, Tm, Yb, and Lu. *Crystallography Reports*, **2000**, 45, 896 0.6 25
- 187 Local Crystal Structure of Multiferroic System BiMnO₃ by Atomic Pair Distribution Function Analysis. *Journal of the Physical Society of Japan*, **2007**, 76, 124605 1.5 24
- 186 High-pressure synthesis, crystal structure, and properties of In₂NiMnO₆ with antiferromagnetic order and field-induced phase transition. *Inorganic Chemistry*, **2013**, 52, 14108-15 5.1 23
- 185 Structural evolution and properties of solid solutions of hexagonal InMnO₃ and InGaO₃. *Inorganic Chemistry*, **2011**, 50, 3559-66 5.1 23
- 184 Long-range magnetic ordering of quasi-one-dimensional S=1/2 Heisenberg antiferromagnet Sr₂Cu(PO₄)₂. *Journal of Solid State Chemistry*, **2005**, 178, 3461-3463 3.3 23
- 183 Crystal structure of double vanadates Ca₉R(VO₄)₇. II. R = Tb, Dy, Ho, and Y. *Crystallography Reports*, **2000**, 45, 389-394 0.6 23
- 182 Resistive switching phenomenon driven by antiferromagnetic phase separation in an antiperovskite nitride Mn₃ZnN. *Applied Physics Letters*, **2012**, 100, 161907 3.4 22
- 181 Multiple magnetic transitions in multiferroic BiMnO₃. *Physical Review B*, **2009**, 80, 3.3 22
- 180 Antiferroelectric phase transition in Sr₉In(PO₄)₇. *Physical Review B*, **2004**, 70, 3.3 22

- 179 Ferroelectric/Intrinsic Conductor Phase Transitions in Optical Nonlinear $\text{Ca}_9\text{R}(\text{VO}_4)_7$ Vanadates. *Doklady Physical Chemistry*, **2002**, 384, 144-148 0.8 22
- 178 Five-Fold Ordering in High-Pressure Perovskites RMnO ($\text{R} = \text{Gd-Tm}$ and Y). *Inorganic Chemistry*, **2017**, 56, 5210-5218 5.1 21
- 177 Tuning of nonlinear optical and ferroelectric properties via the cationic composition of $\text{Ca}_{9.5}\text{Bi}_x\text{Cd}(\text{VO}_4)_7$ solid solutions. *Materials and Design*, **2017**, 116, 515-523 8.1 21
- 176 Mössbauer investigations of hyperfine interactions features of ^{57}Fe nuclei in BiFeO_3 ferrite **2014**, 20
- 175 High-pressure crystal growth and magnetic and electrical properties of the quasi-one dimensional osmium oxide Na_2OsO_4 . *Journal of Solid State Chemistry*, **2010**, 183, 402-407 3.3 20
- 174 Structural polymorphism in multiferroic BiMnO_3 at high pressures and temperatures. *Journal of Alloys and Compounds*, **2014**, 585, 741-747 5.7 19
- 173 Growth, crystal structure, and properties of epitaxial BiScO_3 thin films. *Journal of Applied Physics*, **2008**, 104, 044102 2.5 19
- 172 $\text{SrFe}_2(\text{PO}_4)_2$: Ab Initio Structure Determination with X-ray Powder Diffraction Data and Unusual Magnetic Properties. *Chemistry of Materials*, **2004**, 16, 4311-4318 9.6 19
- 171 Fresh look at the mystery of magnetization reversal in YVO_3 . *Inorganic Chemistry*, **2013**, 52, 8529-39 5.1 18
- 170 Raman spectra and dielectric function of BiCrO_3 : Experimental and first-principles studies. *Journal of Applied Physics*, **2011**, 110, 073501 2.5 18
- 169 Fe Mössbauer study of unusual magnetic structure of multiferroic 3R-AgFeO . *Journal of Physics Condensed Matter*, **2017**, 29, 275803 1.8 17
- 168 Luminescence, structure and antiferroelectric-type phase transition in $\text{Ca}_8\text{ZnEu}(\text{PO}_4)_7$. *Materials Research Bulletin*, **2018**, 104, 20-26 5.1 17
- 167 Magneto-orbital ordering in the divalent A-site quadruple perovskite manganites $\text{AMn}_7\text{O}_{12}$ ($\text{A} = \text{Sr}$, Cd , and Pb). *Physical Review B*, **2017**, 96, 3.3 17
- 166 Sophisticated crystal transformation of a coordination polymer into mesoporous monocrystalline Ti-Fe-based oxide with room-temperature ferromagnetic behavior. *Chemistry - an Asian Journal*, **2011**, 6, 3195-9 4.5 17
- 165 Anomalous pressure effect on the magnetic ordering in multiferroic BiMnO_3 . *Physical Review B*, **2008**, 78, 3.3 17
- 164 Reduction and Re-oxidation Behavior of Calcium Iron Phosphate, $\text{Ca}_9\text{Fe}(\text{PO}_4)_7$. *Chemistry of Materials*, **2003**, 15, 625-631 9.6 17
- 163 Phase Formation in $\text{Cu}_{3+1.5x}\text{R}_{4x}(\text{VO}_4)_6$ ($\text{R} = \text{Fe}$ 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 $\text{Cu}_{4.05}\text{Cr}_{3.3}(\text{VO}_4)_6$. *Journal of Solid State Chemistry*, **2001**, 156, 339-348 3.3 17
- 162 Spin-Driven Multiferroic Properties of $\text{PbMn}_7\text{O}_{12}$ Perovskite. *Inorganic Chemistry*, **2016**, 55, 6169-77 5.1 17

161	Complex Structural Behavior of BiMnO Quadruple Perovskite. <i>Inorganic Chemistry</i> , 2017 , 56, 12272-12284.	5.1	16
160	Reentrant Structural Transitions and Collapse of Charge and Orbital Orders in Quadruple Perovskites. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10423-10427	16.4	16
159	Low-temperature structural phase transition in synthetic libethenite Cu ₂ PO ₄ OH. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 3128-3133	3.3	16
158	Phase equilibria in the BaO-MgO-Ta ₂ O ₅ system. <i>Journal of Materials Chemistry</i> , 2009 , 19, 8212		16
157	Bi ₃ Mn ₃ O ₁₁ : a new KSbO ₃ -type random ferrimagnet with high T(C). <i>Journal of the American Chemical Society</i> , 2009 , 131, 9504-5	16.4	16
156	Single-layer oxychloride superconductor Ca _{2-x} CuO ₂ Cl ₂ with A-site cation deficiency. <i>Physical Review B</i> , 2005 , 72,	3.3	16
155	Crystal structures of double vanadates, Ca ₉ R(VO ₄) ₇ · 7H ₂ O. R = Nd, Sm, Gd, or Ce. <i>Crystallography Reports</i> , 2000 , 45, 728-733	0.6	16
154	Preparation, Structure Determination, and Redox Characteristics of New Calcium Copper Phosphates. <i>Journal of Solid State Chemistry</i> , 1999 , 145, 345-355	3.3	16
153	Emergent helical texture of electric dipoles. <i>Science</i> , 2020 , 369, 680-684	33.3	16
152	Unusual lattice evolution and magnetochemistry of Nb doped CeO ₂ . <i>Acta Materialia</i> , 2016 , 113, 116-123.	8.4	16
151	High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites RMnO (R = Sm, Eu, Gd, and Tb). <i>Inorganic Chemistry</i> , 2018 , 57, 5987-5998	5.1	15
150	High-pressure synthesis, crystal structure, and electromagnetic properties of CdRh ₂ O ₄ : an analogous oxide of the postspinel mineral MgAl ₂ O ₄ . <i>Inorganic Chemistry</i> , 2012 , 51, 6868-75	5.1	15
149	New Noncentrosymmetric Vanadates Sr ₉ R(VO ₄) ₇ (R = Tm, Yb, and Lu): Synthesis, Structure Analysis, and Characterization. <i>Chemistry of Materials</i> , 2005 , 17, 122-129	9.6	15
148	Crystal structures of new triple Ca ₉ CoM(PO ₄) ₇ (M = Li, Na, K) phosphates. <i>Materials Research Bulletin</i> , 1999 , 34, 883-893	5.1	15
147	Magnetic structures of the rare-earth quadruple perovskite manganites RMn ₇ O ₁₂ . <i>Physical Review B</i> , 2018 , 98,	3.3	15
146	Absence of Metallic Conductivity in Tetragonal and Cubic PbVO ₃ at High Pressure. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 074711	1.5	14
145	High-pressure synthesis, crystal structures, and properties of ScRhO ₃ and InRhO ₃ perovskites. <i>Inorganic Chemistry</i> , 2013 , 52, 12005-11	5.1	14
144	Band-gap engineering in TiO ₂ -based ternary oxides. <i>Physical Review B</i> , 2012 , 85,	3.3	14

143	The influence of second coordination-sphere interactions on the luminescent properties of $\text{EuCa}(\text{PO}_4)_2$ -related compounds. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152352	5.7	14
142	High-pressure synthesis, crystal structure and magnetic properties of TlCrO_3 perovskite. <i>Dalton Transactions</i> , 2015 , 44, 10785-94	4.3	13
141	Ferroelectricity induced by ferriaxial crystal rotation and spin helicity in a B-site-ordered double-perovskite multiferroic $\text{In}_2\text{NiMnO}_6$. <i>Physical Review B</i> , 2015 , 91,	3.3	13
140	Magnetic ordering and ferroelectricity in multiferroic 2HAgFeO_2 : Comparison between hexagonal and rhombohedral polytypes. <i>Physical Review B</i> , 2015 , 91,	3.3	13
139	Perovskite-structure TlMnO_3 a new manganite with new properties. <i>Inorganic Chemistry</i> , 2014 , 53, 9800-8.	5.1	13
138	Frustration-driven magnetic order in hexagonal InMnO_3 . <i>Physical Review B</i> , 2011 , 84,	3.3	13
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. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12426-32	16.4	13
136	Electrical and magnetic properties of hexagonal BaTiO_3 . <i>Physical Review B</i> , 2008 , 77,	3.3	13
135	Crystal and Magnetic Structures and Properties of $(\text{LuMn})\text{MnO}$ Solid Solutions. <i>Inorganic Chemistry</i> , 2018 , 57, 14073-14085	5.1	13
134	Mn Self-Doping of Orthorhombic RMnO Perovskites: $(\text{RMn})\text{MnO}$ with $\text{R} = \text{Er-Lu}$. <i>Inorganic Chemistry</i> , 2018 , 57, 2773-2781	5.1	12
133	Crystal structure and properties of high-pressure-synthesized BiRhO_3 , LuRhO_3 , and NdRhO_3 . <i>Journal of Solid State Chemistry</i> , 2013 , 200, 271-278	3.3	12
132	Synthesis and crystal structure of $\text{LiCuFe}_2(\text{VO}_4)_3$ by rietveld method. <i>Materials Research Bulletin</i> , 1999 , 34, 1973-1980	5.1	12
131	Unusual magnetic structure of the high-pressure synthesized perovskites ACrO_3 ($\text{A} = \text{Sc, In, Tl}$). <i>Physical Review B</i> , 2017 , 95,	3.3	11
130	^{57}Fe Mössbauer study of new multiferroic AgFeO_2 . <i>Hyperfine Interactions</i> , 2014 , 226, 41-50	0.8	11
129	Superconducting properties of the oxygen-deficient iron oxyarsenide TbFeAsO_{1-x} from underdoped to overdoped compositions. <i>Physical Review B</i> , 2009 , 80,	3.3	11
128	Crystal structures of new double calcium and cobalt phosphates. <i>Materials Research Bulletin</i> , 1998 , 33, 987-995	5.1	11
127	Ac susceptibility studies of multiferroic BiMnO_3 and solid solutions between BiMnO_3 and BiScO_3 . <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 025211	1.8	11
126	Magnetic and Mössbauer studies of 5% Fe-doped BiMnO_3 . <i>Journal of Solid State Chemistry</i> , 2007 , 180, 3401-3407	3.3	11

- 125 Magnetic properties of some Cu-containing phosphates. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 937-938 2.8 11
- 124 Chemical and Structural Properties of a Whitlockite-like Phosphate, $\text{Ca}_9\text{FeD}(\text{PO}_4)_7$. *Chemistry of Materials*, **2002**, 14, 3937-3945 9.6 11
- 123 New Mixed-Valent Iron (II/III) Phosphates, $\text{Cu}_3\text{Fe}_{4+x}(\text{PO}_4)_6$. *Journal of Solid State Chemistry*, **2000**, 150, 159-166 3.3 11
- 122 Enhanced nonlinear optical activity and Ca^{2+} -conductivity in $\text{Ba}_{0.5}\text{Pb}(\text{VO}_4)_7$ ferroelectrics. *Journal of Alloys and Compounds*, **2018**, 735, 1826-1837 5.7 11
- 121 Intrinsic Triple Order in A-site Columnar-Ordered Quadruple Perovskites: Proof of Concept. *ChemPhysChem*, **2018**, 19, 2449-2452 3.2 11
- 120 Crystal structure, dielectric, and optical properties of Eu -calcium orthophosphates heavily doped with ytterbium. *Journal of Alloys and Compounds*, **2019**, 787, 1301-1309 5.7 10
- 119 Magnetic properties of solid solutions between BiCrO and BiGaO with perovskite structures. *Science and Technology of Advanced Materials*, **2015**, 16, 026003 7.1 10
- 118 Low-temperature vacuum reduction of BiMnO_3 . *Inorganic Chemistry*, **2011**, 50, 7685-9 5.1 10
- 117 High-pressure synthesis, crystal structures, and characterization of CdVO_3 and solid solutions CdVO_3 - NaVO_3 . *Journal of Solid State Chemistry*, **2006**, 179, 1650-1658 3.3 10
- 116 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 9.6 10
- 115 Synchrotron X-ray and TOF neutron powder diffraction study of a lyonsite-type oxide $\text{Co}_{3.6}\text{Fe}_{3.6}(\text{VO}_4)_6$. *Solid State Sciences*, **2002**, 4, 515-522 3.4 10
- 114 A layered wide-gap oxyhalide semiconductor with an infinite ZnO square planar sheet: SrZnOCl . *Chemical Communications*, **2017**, 53, 3826-3829 5.8 9
- 113 Magnetic structure and spin-flop transition in the A-site columnar-ordered quadruple perovskite TmMn_3O_6 . *Physical Review B*, **2019**, 99, 3.3 9
- 112 Valence Variations by B-Site Doping in A-Site Columnar-Ordered Quadruple Perovskites $\text{SmMnMn}(\text{MnTi})\text{O}$ with $1 \leq x \leq 3$. *Inorganic Chemistry*, **2019**, 58, 3492-3501 5.1 9
- 111 Structural, magnetic, and dielectric properties of solid solutions between BiMnO_3 and YMnO_3 . *Journal of Solid State Chemistry*, **2017**, 246, 8-15 3.3 9
- 110 The manifestation of spin-phonon coupling in CaMnO_3 . *Journal of Applied Physics*, **2015**, 117, 164103 2.5 9
- 109 Structure and cation distribution in perovskites with small cations at the A site: the case of ScCoO . *Science and Technology of Advanced Materials*, **2015**, 16, 024801 7.1 9
- 108 Evolution of structural distortions in solid solutions between BiMnO_3 and BiScO_3 . *Journal of Solid State Chemistry*, **2009**, 182, 685-689 3.3 9

107	Magnetic nanocablesSilicon carbide sheathed with iron-oxide-doped amorphous silica. <i>Applied Physics Letters</i> , 2006 , 88, 043105	3.4	9
106	Re-entrant spin-glass behaviour of geometrically frustrated SrFe ₃ (PO ₄) ₃ O. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 145221	1.8	9
105	Low-dimensional ferromagnetic properties of SrCuV ₂ O ₇ and BaCuV ₂ O ₇ . <i>Inorganic Chemistry</i> , 2005 , 44, 3762-6	5.1	9
104	Structures of nonlinear hexagonal boratotungstates Ln ₃ BWO ₉ (Ln = La, Pr, Nd, Sm, Gd, Tb, Dy). <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 884-889	1.5	9
103	Phase transitions in Sr-containing phosphates and vanadates with $\bar{C}Ca_3(PO_4)_2$ -related structures. <i>Solid State Ionics</i> , 2004 , 172, 533-537	3.3	9
102	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	5.1	9
101	Colossal magnetoresistance in the insulating ferromagnetic double perovskites Tl ₂ NiMnO ₆ : A neutron diffraction study. <i>Acta Materialia</i> , 2019 , 173, 20-26	8.4	8
100	High-pressure synthesis, crystal structure, and magnetic properties of KSbO-type 5 oxides KOsO and BiOsO. <i>Science and Technology of Advanced Materials</i> , 2014 , 15, 064901	7.1	8
99	High-pressure synthesis, crystal structure, and properties of BiPd ₂ O ₄ with Pd ²⁺ and Pd ⁴⁺ ordering and PbPd ₂ O ₄ . <i>Inorganic Chemistry</i> , 2012 , 51, 7650-6	5.1	8
98	Local distortions in multiferroic BiMnO as a function of doping. <i>Science and Technology of Advanced Materials</i> , 2011 , 12, 044610	7.1	8
97	Crystal structure and electronic and thermal properties of TbFeAsO _{0.85} . <i>Applied Physics Letters</i> , 2009 , 94, 192507	3.4	8
96	Structural Changes and Phase Transitions in Whitlockite-Like Phosphates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 1899-1902	1	8
95	Strontium phosphates with $\bar{C}Ca_3(PO_4)_2$ -type structures: Sr ₉ NiLi(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		8
94	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	4.8	8
93	Solid Solutions between BiMnO and BiCrO. <i>Inorganic Chemistry</i> , 2016 , 55, 12348-12356	5.1	7
92	Spatially modulated magnetic structure of AgFeO ₂ : Mössbauer study on ⁵⁷ Fe nuclei. <i>JETP Letters</i> , 2014 , 98, 544-550	1.2	7
91	On magnetic properties of BiCrO ₃ and BiMnO ₃ . <i>Journal of Physics: Conference Series</i> , 2009 , 165, 012035	0.3	7
90	The high-pressure form of cadmium vanadate, CdV ₂ O ₆ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, i37-9		7

89	Structural basis for the phase switching of bisaminecopper(II) cations at the thermal limits of lattice stability. <i>Inorganic Chemistry</i> , 2006 , 45, 5027-33	5.1	7
88	Magnetic and vibrational properties and crystal structure of $\text{Sr}_{9.2}\text{Co}_{1.3}(\text{PO}_4)_7$ with disordered arrangements of some strontium, cobalt, and phosphate ions. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 161-168	3.3	7
87	Displacive structural phase transitions and the magnetic ground state of quadruple perovskite $\text{YMn}_7\text{O}_{12}$. <i>Physical Review B</i> , 2019 , 99,	3.3	7
86	$\text{Bi}_3\text{Cr}_{2.91}\text{O}_{11}$: a ferromagnetic insulator from $\text{Cr}(4+)/\text{Cr}(5+)$ mixing. <i>Inorganic Chemistry</i> , 2014 , 53, 8362-5	5.1	6
85	Magnetic and electrical properties of antiperovskite Mn_3InN synthesized by a high-pressure method. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 032094	0.3	6
84	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	3.3	6
83	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	1.5	6
82	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	2.8	5
81	Crystal structure and magnetic properties of A-site-ordered quadruple perovskite $\text{CeCu}_3\text{Cr}_4\text{O}_{12}$. <i>Journal of Alloys and Compounds</i> , 2019 , 793, 42-48	5.7	5
80	Enhanced magnetization of the highest-TC ferrimagnetic oxide $\text{Sr}_2\text{CrOsO}_6$. <i>Physical Review B</i> , 2020 , 102,	3.3	5
79	Spontaneous Rotation of Ferrimagnetism Driven by Antiferromagnetic Spin Canting. <i>Physical Review Letters</i> , 2020 , 124, 127201	7.4	5
78	Study of Polycrystalline Bulk SrOsO Double-Perovskite Insulator: Comparison with 1000 K Ferromagnetic Epitaxial Films. <i>Inorganic Chemistry</i> , 2020 , 59, 4049-4057	5.1	5
77	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	5
76	Structural changes in $\text{Sr}_9\text{In}(\text{PO}_4)_7$ during antiferroelectric phase transition. <i>Inorganic Materials</i> , 2016 , 52, 176-185	0.9	5
75	LiNbO_3 -Type Oxide $(\text{Ti}_{(1-x)}\text{Sc}_x)\text{ScO}_3$: High-Pressure Synthesis, Crystal Structure, and Electronic Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 1940-5	5.1	5
74	Negative Exchange Bias in Polycrystalline Hexagonal ScMnO_3 , InMnO_3 , YMnO_3 , 4H-SrMnO_3 , and 6H-SrMnO_3 and Perovskite YMnO_3 : Effects of Impurities. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 074703	1.5	5
73	Mössbauer studies of multiferroics $\text{BiFe}_{1-x}\text{Cr}_x\text{O}_3$ ($x = 0.0-0.20$). <i>Physics of the Solid State</i> , 2017 , 59, 1558-1564	0.8	5
72	Magnetic and charge transport properties of the Na-based Os oxide pyrochlore. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 881-887	3.3	5

71	Photoinduced phase transition of coordinationally unsaturated d9 metal centers within the thermal hysteresis of the spin exchange interaction. <i>Chemical Communications</i> , 2006 , 1491-3	5.8	5
70	High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites NaRMnTiO with R = Sm, Eu, Gd, Dy, Ho, Y. <i>Inorganic Chemistry</i> , 2020 , 59, 9065-9076	5.1	4
69	Electronic Structure of Cobaltites ScCo _{1-x} FexO ₃ (x = 0, 0.05) and BiCoO ₃ : X-Ray Photoelectron Spectroscopy. <i>Journal of Experimental and Theoretical Physics</i> , 2019 , 128, 899-908	1	4
68	Isovalent and aliovalent cation substitutions in the anion sublattice of whitlockite-type ferroelectrics Ca ₉ RE(VO ₄) ₇ with RE = Y and Yb. <i>Journal of Solid State Chemistry</i> , 2019 , 279, 120966	3.3	4
67	Magnetic excitations in an S=12 diamond-shaped tetramer compound Cu ₂ PO ₄ OH. <i>Physical Review B</i> , 2015 , 92,	3.3	4
66	Tight relation between the oxygen deficiency and T in LaFeAsO _{1-x} . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S438-S439	1.3	4
65	(In _{1-x} Mny)MnO ₃ (1/9001/3): Unusual Perovskites with Unusual Properties. <i>Angewandte Chemie</i> , 2010 , 122, 7889-7893	3.6	4
64	Effects of secondary ligand and excitation on the thermally induced and photoinduced valence tautomerism semiquinonate catecholate. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 465-469	3.1	4
63	Photoinduced Phase Transition of the Coordinationally Unsaturated d9 Metal Centers of Bis(N,N-diethylethylenediamine)copper(II) Perchlorate within the Thermal Hysteresis of the Spin-Exchange Interaction. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1345-1347	2.3	4
62	Crystal structure of high-T _c related NdBaCuO ₂ BO ₃ : TEM and neutron powder diffraction study. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 355, 119-125	1.3	4
61	High-pressure synthesis, crystal structures, and magnetic and dielectric properties of GdFeO ₃ -type perovskites (Dy _{0.5} Mn _{0.5})(Mn _{1-x} Ti _x)O ₃ with x = 0.5 and 0.75. <i>Journal of Alloys and Compounds</i> , 2020 , 825, 154019	5.7	4
60	A-site-ordered quadruple perovskite manganite CeMn ₇ O ₁₂ with trivalent cations. <i>Journal of Solid State Chemistry</i> , 2020 , 283, 121161	3.3	4
59	⁶¹ Ni Nuclear Forward Scattering Study of Magnetic Hyperfine Interactions in Double Perovskites A ₂ NiMnO ₆ (A = Sc, In, Tl). <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23628-23634	3.8	3
58	Changes in the Magnetic Structure of Multiferroic BiFe _{0.80} Cr _{0.20} O ₃ with Temperature. <i>Physics of the Solid State</i> , 2019 , 61, 1030-1036	0.8	3
57	Crystal structures of cation non-stoichiometric RMn ₃ O ₆ (R = Gd, Er, and Tm) manganites belonging to A-site columnar-ordered quadruple perovskite family. <i>Journal of Solid State Chemistry</i> , 2019 , 275, 43-48	2.3	3
56	Barium-induced effects on structure and properties of ECa ₃ (PO ₄) ₂ -type Ca ₉ Bi(VO ₄) ₇ . <i>Journal of Alloys and Compounds</i> , 2019 , 793, 56-64	5.7	3
55	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal Ba ₃ CuOs ₂ O ₉ . <i>Journal of Solid State Chemistry</i> , 2019 , 272, 182-188	3.3	3
54	⁵⁷ Mössbauer spectroscopy study of cycloidal spin arrangements and magnetic transitions in BiFe _{1-x} CoxO ₃ . <i>Physical Review B</i> , 2020 , 101,	3.3	3

53	Magnetic hyperfine interactions of ^{57}Fe in ScFeO_3 2012 ,		3
52	Publisher's Note: Continuous metal-insulator transition of the antiferromagnetic perovskite NaOsO_3 [Phys. Rev. B 80, 161104(R) (2009)]. <i>Physical Review B</i> , 2009 , 80,	3.3	3
51	Magnetism, transport, and specific heat of electronically phase-separated $\text{Pr}_{0.7}\text{Pb}_{0.3}\text{MnO}_3$ single crystals. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 076002	1.8	3
50	Continuous critical temperature enhancement with gradual hydrogen doping in $\text{LaFeAsO}_{0.85}\text{H}_x$ ($x=0\text{--}0.85$). <i>Physical Review B</i> , 2012 , 86,	3.3	3
49	Crystal structures and properties of $\text{BiMn}_{1-x}\text{Al}_x\text{O}_3$ with $x = 0.03$ and 0.1 . <i>Materials Research Bulletin</i> , 2008 , 43, 3179-3187	5.1	3
48	Carrier-doping metal-insulator transition in solid solutions of $\text{CdVO}_3\text{--VO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e240-e242	2.8	3
47	High field ESR measurements of spin gap system $\text{MCu}_2(\text{PO}_4)_2$. <i>Journal of Physics and Chemistry of Solids</i> , 2005 , 66, 2068-2071	3.9	3
46	$\text{KTb}(\text{MoO})$ Green Phosphor with K-Ion Conductivity: Derived from Different Synthesis Routes. <i>Inorganic Chemistry</i> , 2021 , 60, 9471-9483	5.1	3
45	Electric Hyperfine Interactions of ^{57}Fe Impurity Atoms in ACrO_3 Perovskite-Type Chromites ($A = \text{Sc, In, Tl, Bi}$). <i>Journal of Experimental and Theoretical Physics</i> , 2019 , 129, 896-902	1	3
44	Ferrimagnetic and relaxor ferroelectric properties of $\text{R}_2\text{MnMn}(\text{MnTi}_3)\text{O}_{12}$ perovskites with $R = \text{Nd, Eu, and Gd}$. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 947-956	7.1	3
43	Mössbauer studies of spatial spin-modulated structure and hyperfine interactions in multiferroic $\text{Bi}_{0.7}\text{Fe}_{0.1}\text{Fe}_{0.85}\text{Cr}_{0.05}\text{O}_3$. <i>Physics of the Solid State</i> , 2017 , 59, 443-449	0.8	2
42	Synthesis, structure, and magnetic and dielectric properties of magnetoelectric BaDyFeO_4 ferrite. <i>Journal of Alloys and Compounds</i> , 2019 , 811, 151963	5.7	2
41	Changes in spin and lattice dynamics induced by magnetic and structural phase transitions in multiferroic $\text{SrMn}_7\text{O}_{12}$. <i>Physical Review B</i> , 2019 , 99,	3.3	2
40	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,	3.3	2
39	$\text{SrIn}(\text{VO})$ as a model ferroelectric in the structural family of $\text{ECa}(\text{PO})$ -type phosphates and vanadates.. <i>RSC Advances</i> , 2020 , 10, 10867-10872	3.7	2
38	Charge and orbital orders and structural instability in high-pressure quadruple perovskite CeCuMnO . <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 074003	1.8	2
37	Local crystal structure of multiferroic BiMnO_3 studied by ^{57}Fe probe Mössbauer spectroscopy. <i>Inorganic Materials</i> , 2016 , 52, 499-503	0.9	2
36	Hyperfine Interactions of ^{57}Fe Nuclei in $\text{ScCo}_{1-x}\text{Fe}_x\text{O}_3$ ($x = 0.05, 0.4$) Substituted Cobaltites. <i>Journal of Experimental and Theoretical Physics</i> , 2018 , 126, 514-522	1	2

35	Spin-Glass Magnetic Properties of A-Site Columnar-Ordered Quadruple Perovskites YMnGa(MnGa)O with 0.17B. <i>Inorganic Chemistry</i> , 2019 , 58, 14830-14841	5.1	2
34	Synthesis, structural and physical properties of ScMn2O4. <i>Solid State Communications</i> , 2013 , 153, 71-75	1.6	2
33	Current effects in electronically phase-separated Pr0.7Pb0.3MnO3 single crystals. <i>Journal of Applied Physics</i> , 2006 , 99, 08Q301	2.5	2
32	Synthesis, crystal structure, and magnetic properties of new layered hexagonal perovskite Ba8Ta4Ru8/3Co2/3O24. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 3499-3504	3.3	2
31	Ferroelectric and Ionic-Conductive Properties of Nonlinear-Optical Vanadate, Ca9Bi(VO4)7.. <i>ChemInform</i> , 2003 , 34, no		2
30	Structure and Electric Conductivity of Na[sub 3]PO[sub 4] Single Crystals. <i>Crystallography Reports</i> , 2000 , 45, 902	0.6	2
29	Modulated Magnetic Structures in BaRFeO4 (R = Y and Dy): Magnetic and 57Fe Mössbauer Investigations. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 13374-13384	3.8	2
28	Emergence of a Magnetostructural Dipolar Glass in the Quadruple Perovskite Dy_{1-x}Mn_{x}O_{12}. <i>Physical Review Letters</i> , 2020 , 125, 097601	7.4	2
27	Pressure-induced incommensurate antiferromagnetic order in a ferromagnetic B-site ordered double-perovskite Lu2NiMnO6. <i>Physical Review B</i> , 2020 , 102,	3.3	2
26	The rich physics of A-site-ordered quadruple perovskite manganites AMnO. <i>Dalton Transactions</i> , 2021 , 50, 15458-15472	4.3	2
25	Magnetic Hyperfine Interactions in the Mixed-Valence Compound Fe7(PO4)6 from Mössbauer Experiments. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 19767-19776	3.8	1
24	High-Pressure Synthesis, Crystal Structure, and Semimetallic Properties of HgPbO. <i>Inorganic Chemistry</i> , 2018 , 57, 7601-7609	5.1	1
23	Comment on Impedance spectroscopy study and ground state electronic properties of In(Mg1/2Ti1/2)O3 (Physica B 406 (2011) 108111087) and related works. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3683-3685	2.8	1
22	Effects of doping on structural, physical, and chemical properties of multiferroic BiMnO3 and BiCrO3. <i>Transactions of the Materials Research Society of Japan</i> , 2009 , 34, 39-42	0.2	1
21	Magnetic properties of the sodium-osmium-oxide pyrochlore. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012185	0.3	1
20	Structural and Physical Properties of Heavily Doped Yttrium Vanadate: Y0.6Cd0.4VO3. <i>Chemistry of Materials</i> , 2008 , 20, 5246-5252	9.6	1
19	ESR Measurements on One-Dimensional Quantum Ferrimagnets A3Cu3(PO4)4 with A=Sr and Ca in Submillimeter-Wave Region. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 094718	1.5	1
18	Cu-site Disorder in CuAl2O4 as Studied by XPS Spectroscopy. <i>JETP Letters</i> , 1	1.2	1

17	Structural stability of CuAlO under pressure. <i>Journal of Physics Condensed Matter</i> , 2020 , 33, 035403	1.8	1
16	Competing electronic instabilities in the quadruple perovskite manganite PbMn ₇ O ₁₂ . <i>Physical Review B</i> , 2021 , 103,	3.3	1
15	Spin Dynamics of Two-Dimensional Triangular-Lattice Antiferromagnet 3R-AgFeO ₂ . <i>Applied Magnetic Resonance</i> , 2019 , 50, 637-648	0.8	1
14	Magnetic properties and ferrimagnetic structures of Mn self-doped perovskite solid solutions (Ho _{1-x} Mnx)MnO ₃ . <i>Journal of Alloys and Compounds</i> , 2021 , 857, 158230	5.7	1
13	A plethora of structural transitions, distortions and modulations in Cu-doped BiMn ₇ O ₁₂ quadruple perovskites. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10232-10242	7.1	1
12	Probe Mössbauer Spectroscopy of BiNi _{0.9657} Fe _{0.0403} . <i>Inorganic Materials</i> , 2018 , 54, 990-997	0.9	1
11	Crystal structure of LaHo _{0.75} Sr _{0.25} CuO _{3.89} : evidence of oxygen vacancies in the fluorite-like slab. <i>Journal of Alloys and Compounds</i> , 2001 , 319, L1-L4	5.7	0
10	Solid Solutions between PbVO and BiCoO. <i>Inorganic Chemistry</i> , 2021 , 60, 4957-4965	5.1	0
9	Electrically insulating properties of the 5d double perovskite Sr ₂ YO ₆ . <i>Journal of Applied Physics</i> , 2017 , 122, 103905	2.5	
8	Reentrant Structural Transitions and Collapse of Charge and Orbital Orders in Quadruple Perovskites. <i>Angewandte Chemie</i> , 2017 , 129, 10559-10563	3.6	
7	Nanosession: Multiferroics - High Transition Temperatures 2013 , 347-355		
6	Essential difference between scatterings by Zn and Pt on superconductivity of BaFe _{1.92} Pt _{0.08} As ₂ single crystal. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 022138	0.3	
5	Current effects and topology of current paths in single crystalline Pr _{0.7} Pb _{0.3} MnO ₃ . <i>Journal of Applied Physics</i> , 2006 , 100, 113902	2.5	
4	Structure and Properties of Ca ₉ FeD(PO ₄) ₇ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 2233-2233	1	
3	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.. <i>Journal of Alloys and Compounds</i> , 2022 , 903, 163873	5.7	
2	Multiple magnetic transitions and complex magnetic behaviour of the perovskite manganite NdMn ₇ O ₁₂ . <i>Journal of Solid State Chemistry</i> , 2022 , 309, 122969	3.3	
1	Local Structure and Magnetic Hyperfine Interactions of ⁵⁷ Fe Probe Nuclei in TlCr _{0.9557} Fe _{0.0503} . <i>Journal of Experimental and Theoretical Physics</i> , 2021 , 133, 49-58	1	