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232 papers	8,031 citations	44 h-index	82 g-index
249 ext. papers	8,481 ext. citations	3.2 avg, IF	5.35 L-index

#	Paper	IF	Citations
232	Evidence for magnetic polarons in the magnetoresistive perovskites. <i>Nature</i> , 1997 , 386, 256-259	50.4	878
231	Magnetic-field-induced structural phase transition in Gd ₅ (Si _{1.8} Ge _{2.2}). <i>Physical Review B</i> , 1998 , 58, R14721-R14724	3.3	214
230	Influence of oxygen content on the structural, magnetotransport, and magnetic properties of LaMnO ₃ +□ <i>Physical Review B</i> , 1997 , 56, 8902-8911	3.3	300
229	Large magnetovolume effect in yttrium doped La-Ca-Mn-O perovskite. <i>Physical Review Letters</i> , 1995 , 75, 3541-3544	7.4	287
228	Spontaneous behavior and magnetic field and pressure effects on La _{2/3} Ca _{1/3} MnO ₃ perovskite. <i>Physical Review B</i> , 1996 , 54, 1187-1193	3.3	251
227	Spin-glass insulator state in (Tb-La) _{2/3} Ca _{1/3} MnO ₃ perovskite. <i>Physical Review Letters</i> , 1996 , 76, 3392-3395	3.3	243
226	Structural, magnetic, and transport properties of the giant magnetoresistive perovskites La _{2/3} Ca _{1/3} Mn _{1-x} Al _x O ₃ <i>Physical Review B</i> , 1997 , 55, 8905-8910	3.3	219
225	Nature of the first-order antiferromagnetic-ferromagnetic transition in the Ge-rich magnetocaloric compounds Gd ₅ (SixGe _{1-x}) ₄ . <i>Physical Review B</i> , 2000 , 62, 1022-1026	3.3	217
224	Magnetic and magnetotransport properties of the ordered perovskite Sr ₂ FeMoO ₆ . <i>Solid State Communications</i> , 1999 , 110, 435-438	1.6	177
223	Structural and magnetic properties of double perovskites AAMeMoO ₆ (AAM= Ba ₂ , BaSr, Sr ₂ and Ca ₂). <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 8295-8308	1.8	173
222	X-ray-absorption near-edge spectroscopy and circular magnetic x-ray dichroism at the Mn K edge of magnetoresistive manganites. <i>Physical Review B</i> , 1997 , 56, 8183-8191	3.3	164
221	Structural and magnetic study of Tb _{1-x} CaxMnO ₃ perovskites. <i>Physical Review B</i> , 2000 , 62, 5609-5618	3.3	154
220	Local electronic and geometrical structure of LaNi _{1-x} MnxO ₃ +□ perovskites determined by x-ray-absorption spectroscopy. <i>Physical Review B</i> , 2002 , 65,	3.3	123
219	Strain-induced coupling of electrical polarization and structural defects in SrMnO ₃ films. <i>Nature Nanotechnology</i> , 2015 , 10, 661-5	28.7	119
218	Resonant "forbidden" reflections in magnetite. <i>Physical Review Letters</i> , 2000 , 85, 578-81	7.4	109
217	Absence of charge ordering below the Verwey transition temperature in magnetite. <i>Physical Review B</i> , 2001 , 63,	3.3	94
216	A systematic study of structural, magnetic and electrical properties of perovskites. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 7427-7442	1.8	93

215	Cooperative Jahn-Teller phase transition in LaMnO ₃ studied by X-ray absorption spectroscopy. <i>Physical Review Letters</i> , 2003 , 90, 045503	7.4	90
214	Large low-field magnetoresistance and TC in polycrystalline (Ba _{0.8} Sr _{0.2}) ₂ La _x FeMoO ₆ double perovskites. <i>Applied Physics Letters</i> , 2002 , 80, 4573-4575	3.4	90
213	Synthesis and structural study of LaNi _{1-x} Mn _x O ₃ perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 781-792	3.9	86
212	Huge anisotropic magnetostriction in La _{1-x} Sr _x CoO ₃ (x>~0.3): Field-induced orbital instability. <i>Physical Review B</i> , 1998 , 57, R3217-R3220	3.3	85
211	Structural origin of dipole x-ray resonant scattering in the low-temperature phase of Nd _{0.5} Sr _{0.5} MnO ₃ . <i>Physical Review B</i> , 2004 , 70,	3.3	84
210	Impact of cation size on magnetic properties of (AA') ₂ FeReO ₆ double perovskites. <i>Physical Review B</i> , 2004 , 69,	3.3	78
209	Spin-Glass Behavior and Giant Magnetoresistance in the (RE)Ni _{0.3} Co _{0.7} O ₃ (RE=La,Nd,Sm) System. <i>Physical Review Letters</i> , 1998 , 80, 2401-2404	7.4	78
208	Magnetite, a model system for mixed-valence oxides, does not show charge ordering. <i>Physical Review Letters</i> , 2004 , 93, 156408	7.4	77
207	Charge disproportionation in La _{1-x} Sr _x FeO ₃ probed by diffraction and spectroscopic experiments. <i>Physical Review B</i> , 2008 , 77,	3.3	73
206	Charge localization, magnetic order, structural behavior, and spin dynamics of (La _{1-x} Tb _x) _{2/3} Ca _{1/3} MnO ₃ manganese perovskites probed by neutron diffraction and muon spin relaxation. <i>Physical Review B</i> , 1997 , 56, 3317-3324	3.3	72
205	Neutron diffraction study and magnetic properties of LaMn _{1-x} Ga _x O ₃ . <i>Physical Review B</i> , 2002 , 66,	3.3	72
204	Anomalous Nernst effect of Fe ₃ O ₄ single crystal. <i>Physical Review B</i> , 2014 , 90,	3.3	71
203	Structural transformation in magnetite below the Verwey transition. <i>Physical Review B</i> , 2011 , 83,	3.3	68
202	Lattice effects, stability under a high magnetic field, and magnetotransport properties of the charge-ordered mixed-valence La _{0.35} Ca _{0.65} MnO ₃ perovskite. <i>Physical Review B</i> , 1997 , 56, 8252-8256	3.3	60
201	High resolution x-ray absorption near edge structure at the Mn K edge of manganites. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 3229-3241	1.8	59
200	Structural and magnetic characterization of the new ternary phase Tb ₃ (Fe _{1-x} Ti _x) ₂₉ . <i>Journal of Physics Condensed Matter</i> , 1994 , 6, L717-L723	1.8	59
199	EXAFS spectroscopic analysis of the Verwey transition in Fe ₃ O ₄ .. <i>Physical Review B</i> , 2005 , 71,	3.3	58
198	Structural, magnetic and transport properties of Sr ₂ Fe _{1-x} Cr _x MoO ₆ . <i>Solid State Sciences</i> , 2002 , 4, 651-660	3.4	52

- 197 Magnetic behavior of $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ in the electric-field-driven insulator-metal transition. *Physical Review B*, **2000**, 61, 11236-11239 3.3 52
- 196 Analysis of the x-ray resonant scattering at the Mn K edge in half-doped mixed valence manganites. *Journal of Physics Condensed Matter*, **2001**, 13, 3243-3256 1.8 52
- 195 Effect of cation disorder on structural, magnetic and dielectric properties of $\text{La}_2\text{MnCoO}_6$ double perovskite. *Journal of Physics Condensed Matter*, **2011**, 23, 496003 1.8 51
- 194 Extrinsic origin of ferromagnetism in doped ZnO. *Journal of Materials Chemistry*, **2006**, 16, 2282-2288 51
- 193 Peculiar ferromagnetic insulator state in the low-hole-doped manganites. *Physical Review B*, **2003**, 67, 3.3 51
- 192 Pressure effect on yttrium doped $\text{La}_{0.60}\text{Y}_{0.07}\text{Ca}_{0.33}\text{MnO}_3$ compound. *Applied Physics Letters*, **1995**, 67, 2875-2877 3.4 49
- 191 Valence transition in $(\text{Pr,Ca})\text{CoO}_3$ cobaltites: Charge migration at the metal-insulator transition. *Physical Review B*, **2011**, 84, 3.3 45
- 190 Intrinsic electrical properties of LuFe_2O_4 . *Physical Review B*, **2013**, 88, 3.3 44
- 189 Local structure at the manganese site in mixed-valence manganites. *Physical Review B*, **1998**, 57, 748-754 3.3 44
- 188 Investigation of the high Curie temperature in $\text{Sr}_2\text{CrReO}_6$. *Physical Review B*, **2005**, 71, 3.3 43
- 187 Low-temperature specific heat of NdMO_3 ($\text{M}=\text{Co, Fe, Cr, Ni}$): Magnetic ordering of Nd. *Solid State Communications*, **1994**, 91, 177-182 1.6 42
- 186 Valence change of praseodymium in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{CoO}_3$ investigated by x-ray absorption spectroscopy. *Physical Review B*, **2011**, 84, 3.3 41
- 185 Possible quantum critical point in $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{Ga}_x\text{O}_3$. *Physical Review Letters*, **2005**, 94, 207205 3.4 39
- 184 Raman and x-ray study of perovskite solid solutions. *Journal of Physics Condensed Matter*, **1998**, 10, 11687-11702 3.3 39
- 183 Nature of antiferromagnetic order in epitaxially strained multiferroic SrMnO_3 thin films. *Physical Review B*, **2015**, 92, 3.3 38
- 182 Phase segregation in the $\text{Gd}_{1-x}\text{Sr}_x\text{FeO}_3$ series. *Journal of Solid State Chemistry*, **2006**, 179, 898-908 3.3 36
- 181 Study of the phase transitions in. *Journal of Physics Condensed Matter*, **1999**, 11, 405-415 1.8 35
- 180 Structural, magnetic and electrical properties of $\text{NdNi}_{1-x}\text{FexO}_3$ and $\text{NdNi}_{1-x}\text{CoxO}_3$ systems. *Journal of Physics and Chemistry of Solids*, **1994**, 55, 843-852 3.9 34

179	Magnetic order and magnetoelectric properties of $R_2\text{CoMnO}_6$ perovskites ($R=\text{Ho, Tm, Yb, and Lu}$). <i>Physical Review B</i> , 2017 , 96,	3.3	33
178	Role of A-site cations in the metal-insulator transition in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{CoO}_3$. <i>Physical Review B</i> , 2010 , 81,	3.3	33
177	Charge ordering at room temperature in. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 10321-10331	1.8	33
176	Structural, electronic, magnetic and calorimetric study of the metal-insulator transition in NdNiO_3 -delta. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 5875-5889	1.8	33
175	Magnetoelectric and structural properties of Y_2CoMnO_6 : The role of antisite defects. <i>Physical Review B</i> , 2016 , 93,	3.3	32
174	Magnetization of Re-based double perovskites: Noninteger saturation magnetization disclosed. <i>Applied Physics Letters</i> , 2007 , 90, 252514	3.4	30
173	Magnetic properties of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_{3+\delta}$ perovskites. <i>European Physical Journal B</i> , 2002 , 30, 469-479	1.2	30
172	Evidence for charge-density-wave nature of the charge-ordered phase in $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$. <i>Physical Review B</i> , 2009 , 79,	3.3	29
171	Reexamination of the temperature dependences of resonant reflections in highly stoichiometric magnetite. <i>Physical Review Letters</i> , 2009 , 102, 176405	7.4	29
170	Stability of the tetragonal Mn^{3+}O_6 distortions in the $\text{LaMn}_{1-x}\text{GaxO}_3$ series by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2004 , 69,	3.3	29
169	Increase of Curie temperature in fixed ionic radius $\text{Ba}_{(1-x)}\text{Sr}_{(1-3x)}\text{La}_{(2x)}\text{FeMoO}_6$ double perovskites. <i>European Physical Journal B</i> , 2004 , 39, 35-40	1.2	29
168	Copper heterogeneous nucleation on a palygorskite clay: an XRD, EXAFS and molecular modeling study. <i>Applied Clay Science</i> , 2004 , 25, 103-110	5.2	29
167	Effect of cation vacancies in the local structure and transport properties of LaMnO_3 +A Mn K-edge x-ray-absorption study. <i>Physical Review B</i> , 1998 , 58, 9287-9293	3.3	29
166	Solution-based synthesis routes to $(\text{Bi}_{1-x}\text{Pbx})_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$. <i>Journal of Materials Research</i> , 1993 , 8, 1268-1276	2.5	29
165	Origin of the pre-peak features in the oxygen K-edge x-ray absorption spectra of LaFeO_3 and LaMnO_3 studied by Ga substitution of the transition metal ion. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 325601	1.8	28
164	High-field magnetization measurements in $\text{Sr}_2\text{CrReO}_6$ double perovskite: Evidence for orbital contribution to the magnetization. <i>Europhysics Letters</i> , 2007 , 78, 17006	1.6	28
163	Analysis of the x-ray-absorption near-edge-structure spectra of $\text{La}_{1-x}\text{Nd}_x\text{NiO}_3$ and $\text{LaNi}_{1-x}\text{Fe}_x\text{O}_3$ perovskites at the nickel K edge. <i>Physical Review B</i> , 1995 , 52, 15823-15828	3.3	28
162	Structure and magnetic properties of $\text{LaMn}_{1-x}\text{MgxO}_3$ compounds. <i>Physical Review B</i> , 2004 , 70,	3.3	27

- 161 Structural and magnetic details of 3d-element doped $\text{Sr}_2\text{Fe}_{0.75}\text{Ti}_{0.25}\text{MoO}_6$. *Solid State Sciences*, **2004**, 6, 419-431 3.4 27
- 160 Growth of $\text{Sr}_{2/3}\text{Ln}_{1/3}\text{FeO}_3$ (Ln=La, Pr, and Nd) single crystals by the floating zone technique. *Journal of Crystal Growth*, **2008**, 310, 3247-3250 1.6 26
- 159 Stable cubic spinels in the ZnMnO system in air. *Journal of Solid State Chemistry*, **2006**, 179, 2199-2205 3.3 26
- 158 Study of Structural, Magnetic, and Electrical Properties of $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{O}_3$ Perovskites. *Journal of Solid State Chemistry*, **1998**, 138, 226-231 3.3 25
- 157 Properties and phase transition of the ordered perovskite Pb_2MnWO_6 . *Journal of Physics Condensed Matter*, **2006**, 18, 2261-2271 1.8 25
- 156 Polarized x-ray absorption spectra of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$: Electronic state of Mn atoms. *Physical Review B*, **2005**, 72, 3.3 25
- 155 Evidence of large magneto-dielectric effect coupled to a metamagnetic transition in $\text{Yb}_2\text{CoMnO}_6$. *Applied Physics Letters*, **2015**, 107, 012902 3.4 24
- 154 Enhancement of ferromagnetic correlations on multiferroic TbMnO_3 by replacing Mn with Co. *Journal of Physics Condensed Matter*, **2012**, 24, 455601 1.8 24
- 153 A comparative study of the crystallographic, magnetic and electrical properties of the $\text{Nd}_{1-x}\text{La}_x\text{NiO}_3$ -delta system. *Journal of Physics Condensed Matter*, **1994**, 6, 10759-10772 1.8 24
- 152 Effect of structural differences of carbon nanotubes and graphene based iridium-NHC materials on the hydrogen transfer catalytic activity. *Carbon*, **2016**, 96, 66-74 10.4 23
- 151 Investigation of pressure-induced magnetic transitions in $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ spinels. *Physical Review B*, **2013**, 87, 3.3 23
- 150 Relationships between Structure and Physical Properties in $\text{SmNi}_{1-x}\text{Co}_x\text{O}_3$. *Journal of Solid State Chemistry*, **2000**, 150, 145-153 3.3 23
- 149 Giant magnetoresistance in bulk. *Solid State Communications*, **1995**, 96, 627-630 1.6 23
- 148 Structural changes at the semiconductor-insulator phase transition in the single-layered perovskite $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. *Physical Review B*, **2011**, 83, 3.3 22
- 147 Large magnetoresistance in $(\text{AA}')_2\text{FeReO}_6$ double perovskites. *Journal of Magnetism and Magnetic Materials*, **2005**, 290-291, 1043-1049 2.8 22
- 146 Hard x-ray probe to study doping-dependent electron redistribution and strong covalency in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$. *Physical Review B*, **2010**, 82, 3.3 21
- 145 Origin of the resonant x-ray scattering in LaMnO_3 . *Physical Review B*, **2007**, 75, 3.3 21
- 144 Giant magnetostriction in $\text{Ca}_2\text{FeReO}_6$ double perovskite. *Journal of Magnetism and Magnetic Materials*, **2005**, 290-291, 843-845 2.8 21

143	Low-Temperature Phase Transitions in the Trigonal Modification of Cs ₃ Bi ₂ Br ₉ and Cs ₃ Sb ₂ I ₉ . <i>Phase Transitions</i> , 2002 , 75, 607-620	1.3	21
142	Correlation between magnetovolume and giant magnetoresistance effects in doped La _{2/3} Ca _{1/3} MnO ₃ perovskites. <i>Journal of Applied Physics</i> , 1996 , 79, 5175	2.5	21
141	High-resolution Mn K-edge x-ray emission and absorption spectroscopy study of the electronic and local structure of the three different phases in Nd _{0.5} Sr _{0.5} MnO ₃ . <i>Physical Review B</i> , 2016 , 93,	3.3	20
140	Epitaxial Stabilization of the Perovskite Phase in (Sr _{1-x} Ba _x)MnO ₃ Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 23967-77	9.5	19
139	X-ray absorption and emission spectroscopy study of Mn and Co valence and spin states in TbMn _{1-x} CoxO ₃ . <i>Physical Review B</i> , 2016 , 94,	3.3	19
138	Enhancing the hydrogen transfer catalytic activity of hybrid carbon nanotube-based NHClridium catalysts by increasing the oxidation degree of the nanosupport. <i>Catalysis Science and Technology</i> , 2016 , 6, 5504-5514	5.5	19
137	Effects of Ga doping in La _{2/3} Sr _{1/3} MnO ₃ . <i>Physical Review B</i> , 2003 , 68,	3.3	19
136	Structural effects of Sc doping on the multiferroic TbMnO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	18
135	High pressure behavior of Ga-doped LaMnO ₃ : a combined X-ray diffraction and optical spectroscopy study. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1304-1311		18
134	Lack of Jahn-Teller distortion in highly diluted LaMn _{1-x} GaxO ₃ (x>0.6). <i>Physical Review B</i> , 2006 , 73,	3.3	18
133	Detailed neutron study of the crossover from long-range to short-range magnetic ordering in (Nd _{1-x} Tbx) _{0.55} Sr _{0.45} MnO ₃ manganites. <i>Physical Review B</i> , 2006 , 74,	3.3	18
132	X-ray resonant scattering of (004n+2) forbidden reflections in spinel ferrites. <i>Physical Review B</i> , 2004 , 70,	3.3	18
131	Mn local structure effects in charge-ordered mixed-valence RE _{1-x} CaxMnO ₃ (RE: La, Tb) perovskites: a review of the experimental situation. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 5017-5033	1.8	18
130	Metal-Insulator Transition and Magnetic Properties of La _{1-x} EuxNiO ₃ (0≤x). <i>Journal of Solid State Chemistry</i> , 2000 , 151, 1-11	3.3	18
129	Electronic and magnetic phase diagram of SmNi _{1-x} CoxO ₃ . <i>Physical Review B</i> , 1999 , 59, 14424-14431	3.3	18
128	Structural distortion, charge modulation and local anisotropies in magnetite below the Verwey transition using resonant X-ray scattering. <i>Journal of Synchrotron Radiation</i> , 2012 , 19, 159-73	2.4	17
127	Effects of Al substitution on the multiferroic properties of TbMnO ₃ . <i>Physical Review B</i> , 2012 , 86,	3.3	17
126	Double stripe ordering in Nd _{0.5} Sr _{0.5} MnO ₃ determined by resonant soft x-ray scattering. <i>Physical Review B</i> , 2006 , 73,	3.3	17

125	SOFT X-RAY ABSORPTION SPECTROSCOPY (MnL _{2,3} AND O K) IN MIXED VALENCE MANGANITES. <i>Surface Review and Letters</i> , 2002 , 09, 1071-1078	1.1	17
124	Structural properties in RFe ₂ O ₄ compounds (R=Tm, Yb, and Lu). <i>Physical Review B</i> , 2014 , 90,	3.3	16
123	Hybrid Catalysts Comprised of Graphene Modified with Rhodium-Based N-Heterocyclic Carbenes for Alkyne Hydrosilylation. <i>ACS Applied Nano Materials</i> , 2020 , 3, 1640-1655	5.6	15
122	Temperature dependence of magnetization under high fields in Re-based double perovskites. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 506206	1.8	15
121	X-ray absorption spectroscopic study on A ₂ FeReO ₆ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 4963-4976	1.8	14
120	Magnetic properties of NdNi _{1-x} Co _x O ₃ samples: Evidence of spin-glass behavior. <i>Physical Review B</i> , 1995 , 51, 3569-3574	3.3	14
119	E(Z) Selectivity Control by Cyclometalated Rhodium(III) Triazolylidene Homogeneous and Heterogeneous Terminal Alkyne Hydrosilylation Catalysts. <i>ACS Catalysis</i> , 2020 , 10, 13334-13351	13.1	14
118	Strong local lattice instability in hexagonal ferrites RFe ₂ O ₄ (R = Lu, Y, Yb) revealed by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2014 , 89,	3.3	13
117	Effects of A-site disorder in the properties of A ₂ CoMnO ₆ (A = La, Tb). <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 386001	1.8	13
116	Magnetic properties of doped ZnO prepared by different synthetic routes. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e177-e180	2.8	13
115	Structure, magnetic and electrical properties in Nd _{1-x} La _x NiO ₃ system. <i>Solid State Ionics</i> , 1993 , 63-65, 593-598	3.3	13
114	Origin of the Multiferroic-Like Properties of Er ₂ CoMnO ₆ . <i>Solid State Phenomena</i> , 2016 , 257, 95-98	0.4	12
113	X-ray magnetic circular dichroism study of the magnetic anisotropy on TbMnO ₃ . <i>Physical Review B</i> , 2015 , 91,	3.3	12
112	Colossal magnetoresistance in Ca _x Sr _{2-x} FeReO ₆ double perovskites due to field-induced phase coexistence. <i>Physical Review B</i> , 2007 , 75,	3.3	12
111	Effects of the lanthanide addition to the Sr ₂ CrReO ₆ double perovskite. <i>Physical Review B</i> , 2007 , 76,	3.3	12
110	Magnetoelastic coupling in Sr ₂ (Fe _{1-x} Cr _x)ReO ₆ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 436226	1.8	12
109	NMR study of A ₂ FeMO ₆ (A=Ca, Sr, Ba, M=Mo, Re) double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1619-E1621	2.8	12
108	Mössbauer spectroscopy in Sr ₂ FeMoO ₆ double perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1089-1091	2.8	12

107	Catalytic and structural properties of ruthenium monometallic and bimetallic catalysts: characterization by EXAFS and XRD. <i>Journal of Molecular Catalysis A</i> , 1995 , 96, 65-75		12
106	Order-disorder nature of the antiferroelectric transition in Pb(2)MnWO(6). <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 075903	1.8	11
105	Electron doping effects on Sr ₂ FeReO ₆ . <i>Solid State Sciences</i> , 2009 , 11, 1535-1541	3.4	11
104	An x-ray spectroscopic study of A ₂ FeMoO ₆ and Sr ₂ Fe _{1-x} Cr _x MoO ₆ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 6877-6890	1.8	11
103	The metal - insulator transition in perovskites. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 10393-10405	5.8	11
102	Suppression of metal-semiconductor transition in NdNiO ₃ samples doped with Cu. <i>Solid State Communications</i> , 1994 , 91, 381-386	1.6	11
101	A new type of antiferrodistortive structure in a double perovskite with Pb. <i>Dalton Transactions</i> , 2011 , 40, 3211-8	4.3	10
100	The transition from ferromagnet to cluster-glass in La(1-x)Tb(x)Mn _{1/2} Sc _{1/2} O ₃ . <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 076006	1.8	9
99	Effects of La, Nd and Sm substitution of Sr in Sr ₂ CrReO ₆ on the structural, magnetic and transport properties. <i>Solid State Sciences</i> , 2010 , 12, 1121-1130	3.4	9
98	Is ball milling a worthy route to produce magnetic semiconductors?. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e195-e198	2.8	9
97	EXAFS study of monometallic and bimetallic ruthenium based catalysts: Ge K-edge environment in RuGe/Al ₂ O ₃ and structural effects of CO adsorption. <i>Journal of Molecular Catalysis A</i> , 1996 , 108, 95-105		9
96	Enhanced Chemical and Electrochemical Water Oxidation Catalytic Activity by Hybrid Carbon Nanotube-Based Iridium Catalysts Having Sulfonate-Functionalized NHC ligands. <i>ACS Applied Energy Materials</i> , 2019 , 2, 3283-3296	6.1	8
95	High-pressure transformation in the cobalt spinel ferrites. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 173-177	3.3	8
94	Stability of Jahn-Teller distortion ordering in LaMn _{1-x} Sc _x O ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	8
93	Determination of the sequence and magnitude of charge order in LuFe ₂ O ₄ by resonant x-ray scattering. <i>Physical Review B</i> , 2014 , 90,	3.3	8
92	Incommensurate sinusoidal oxygen modulations in layered manganites La(1-x)Sr(1+x)MnO ₄ (x=0.5). <i>Physical Review Letters</i> , 2012 , 109, 107202	7.4	8
91	Pressure-induced magnetic transition in Fe ₃ O ₄ and CoFe ₂ O ₄ spinels. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012089	0.3	8
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