

Javier Blasco

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Magnetic order and magnetic properties of the oxygen deficient SmBaMn ₂ O ₅ layered perovskite. <i>Materials Research Bulletin</i> , 2022 , 150, 111780	5.1	0
231	Symmetry mode analysis of distorted polar/nonpolar structures in A-site ordered SmBaMn ₂ O ₆ perovskite. <i>Physical Review B</i> , 2021 , 103,	3.3	3
230	Structure and phase transitions in A-site ordered RBaMn ₂ O ₆ (R=Pr,Nd) perovskites with a polar ground state. <i>Physical Review B</i> , 2021 , 103,	3.3	3
229	Determination of the Crystal Structures in the A-Site-Ordered YBaMn ₂ O ₆ Perovskite. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 19467-19480	3.8	2
228	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
227	Influence of graphene sheet properties as supports of iridium-based N-heterocyclic carbene hybrid materials for water oxidation electrocatalysis. <i>Journal of Organometallic Chemistry</i> , 2020 , 919, 121334	2.3	4
226	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
225	Relation among Oxygen Stoichiometry, Structure, and Co Valence and Spin State in Single-Layer LaACoO (A = Ca, Sr) Perovskites. <i>Inorganic Chemistry</i> , 2020 , 59, 15757-15771	5.1	0
224	Atomic-scale mechanisms for magnetostriction in CoFe ₂ O ₄ and La _{0.5} Sr _{0.5} CoO ₃ oxides determined by differential x-ray absorption spectroscopy. <i>Physical Review B</i> , 2019 , 100,	3.3	5
223	Magnetic inversion symmetry breaking and spin reorientation in Tb ₂ MnNiO ₆ : A polar strong ferromagnet. <i>Physical Review B</i> , 2019 , 99,	3.3	2
222	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
221	Spin ordering and physical properties of NaPrFeWO ₆ and NaSmFeWO ₆ with polar double perovskite structure. <i>Acta Materialia</i> , 2019 , 176, 53-62	8.4	5
220	Double-cell superstructure and vacancy ordering in tensile-strained metallic thin films of Pr _{0.5} Ca _{0.5} CoO ₃ on LaAlO ₃ . <i>Physical Review Materials</i> , 2019 , 3,	3.2	2
219	Structural, Magnetic, and Electronic Properties of CaBaCoM O (M = Fe, Zn). <i>Inorganic Chemistry</i> , 2018 , 57, 3360-3370	5.1	7
218	Resonant x-ray scattering study of charge superstructures in layered La _{2-x} CaxCoO ₄ (0.4 ≤ x ≤ 0.7) and La _{1.5} Sr _{0.5} CoO ₄ compounds. <i>Physical Review B</i> , 2018 , 97,	3.3	3
217	Growth and structural characterization of strained epitaxial Hf _{0.5} Zr _{0.5} O ₂ thin films. <i>Physical Review Materials</i> , 2018 , 2,	3.2	4
216	Structural properties of charge disproportionation and magnetic order in Sr _{2/3} Ln _{1/3} FeO ₃ (Ln=La, Pr, and Nd). <i>Physical Review B</i> , 2018 , 98,	3.3	4

215	Magnetic order and magnetoelectric properties of R ₂ CoMnO ₆ perovskites (R=Ho, Tm, Yb, and Lu). <i>Physical Review B</i> , 2017 , 96,	3-3	33
214	Structural and electrical properties of indium oxide thin films grown by pulsed laser deposition in oxygen ambient. <i>Journal of Alloys and Compounds</i> , 2017 , 694, 1280-1286	5-7	4
213	Effect of structural differences of carbon nanotubes and graphene based iridium-NHC materials on the hydrogen transfer catalytic activity. <i>Carbon</i> , 2016 , 96, 66-74	10-4	23
212	Characterization of competing distortions in YFe ₂ O ₄ . <i>Physical Review B</i> , 2016 , 93,	3-3	3
211	Magnetoelectric and structural properties of Y ₂ CoMnO ₆ : The role of antisite defects. <i>Physical Review B</i> , 2016 , 93,	3-3	32
210	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
209	Origin of the Multiferroic-Like Properties of Er ₂ CoMnO ₆ . <i>Solid State Phenomena</i> , 2016 , 257, 95-98	0-4	12
208	Magnetostructural coupling, magnetic ordering, and cobalt spin reorientation in metallic Pr _{0.5} Sr _{0.5} CoO ₃ cobaltite. <i>Physical Review B</i> , 2016 , 94,	3-3	7
207	X-ray absorption and emission spectroscopy study of Mn and Co valence and spin states in TbMn _{1-x} Co _x O ₃ . <i>Physical Review B</i> , 2016 , 94,	3-3	19
206	Dependence of the Jahn-Teller distortion in LaMn _{1-x} Sc _x O ₃ on the isovalent Mn-site substitution. <i>Journal of Physics: Conference Series</i> , 2016 , 712, 012119	0-3	2
205	Local structure of Iridium organometallic catalysts covalently bonded to carbon nanotubes.. <i>Journal of Physics: Conference Series</i> , 2016 , 712, 012052	0-3	1
204	Enhancing the hydrogen transfer catalytic activity of hybrid carbon nanotube-based NHCl ₃ iridium catalysts by increasing the oxidation degree of the nanosupport. <i>Catalysis Science and Technology</i> , 2016 , 6, 5504-5514	5-5	19
203	XAS Studies on Mixed Valence Oxides 2016 , 459-484		
202	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
201	Evidence of large magneto-dielectric effect coupled to a metamagnetic transition in Yb ₂ CoMnO ₆ . <i>Applied Physics Letters</i> , 2015 , 107, 012902	3-4	24
200	High-pressure transformation in the cobalt spinel ferrites. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 173-177	3-3	8
199	X-ray magnetic circular dichroism study of the magnetic anisotropy on TbMnO ₃ . <i>Physical Review B</i> , 2015 , 91,	3-3	12
198	Nature of antiferromagnetic order in epitaxially strained multiferroic SrMnO ₃ thin films. <i>Physical Review B</i> , 2015 , 92,	3-3	38

197	Stability of Jahn-Teller distortion ordering in $\text{LaMn}_{1-x}\text{Sc}_x\text{O}_3$. <i>Physical Review B</i> , 2015 , 92,	3.3	8
196	Hard and soft x-rays XAS characterization of charge ordered LuFe_2O_4 . <i>Journal of Physics: Conference Series</i> , 2015 , 592, 012121	0.3	1
195	Strain-induced coupling of electrical polarization and structural defects in SrMnO_3 films. <i>Nature Nanotechnology</i> , 2015 , 10, 661-5	28.7	119
194	Strong local lattice instability in hexagonal ferrites RFe_2O_4 ($\text{R} = \text{Lu}, \text{Y}, \text{Yb}$) revealed by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2014 , 89,	3.3	13
193	Role of Pr cations and the low temperature transition in $\text{Pr}_{0.50}\text{Sr}_{0.50}\text{CoO}_3$: A comparison to $\text{Pr}_{0.50}\text{Ca}_{0.50}\text{CoO}_3$. <i>Physica B: Condensed Matter</i> , 2014 , 455, 56-59	2.8	3
192	Effects of A-site disorder in the properties of A_2CoMnO_6 ($\text{A} = \text{La}, \text{Tb}$). <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 386001	1.8	13
191	Resonant x-ray scattering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ ($x \approx 0.5$): Incommensurate-lattice modulation vs. Charge-stripe models. <i>Journal of Physics: Conference Series</i> , 2014 , 519, 012008	0.3	1
190	The low temperature magnetostructural transition in $\text{Pr}_{0.50}\text{Sr}_{0.50}\text{CoO}_3$: Bulk versus thin film behavior. <i>Journal of Applied Physics</i> , 2014 , 115, 17D721	2.5	2
189	Electronic states of RFe_2O_4 ($\text{R} = \text{Lu}, \text{Yb}, \text{Tm}, \text{Y}$) mixed-valence compounds determined by soft x-ray absorption spectroscopy and x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2014 , 90,	3.3	5
188	Determination of the sequence and magnitude of charge order in LuFe_2O_4 by resonant x-ray scattering. <i>Physical Review B</i> , 2014 , 90,	3.3	8
187	Structural properties in RFe_2O_4 compounds ($\text{R} = \text{Tm}, \text{Yb}$, and Lu). <i>Physical Review B</i> , 2014 , 90,	3.3	16
186	Anomalous Nernst effect of Fe_3O_4 single crystal. <i>Physical Review B</i> , 2014 , 90,	3.3	71
185	Determination of the charge-ordered phases in LuFe_2O_4 . <i>Europhysics Letters</i> , 2014 , 107, 47002	1.6	6
184	Intrinsic electrical properties of LuFe_2O_4 . <i>Physical Review B</i> , 2013 , 88,	3.3	44
183	Ground state and the metal-insulator transition in $(\text{Pr}_{1-y}\text{Y}_y)\text{Ca}_x\text{CoO}_3$ ($0.45 \leq x \leq 0.55$) cobaltites. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 791-794	0.6	2
182	Origin of incommensurate satellite reflections on TbMnO_3 by resonant x-ray scattering. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012101	0.3	1
181	Transitions induced by a magnetic field in slightly doped TbMnO_3 . <i>Solid State Sciences</i> , 2013 , 21, 37-43	3.4	7
180	Investigation of pressure-induced magnetic transitions in $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ spinels. <i>Physical Review B</i> , 2013 , 87,	3.3	23

179	Evolution of magnetoelectric properties of Sc-diluted TbMnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 195601	1.8	7
178	Evolution of Mn and Co oxidation state on TbMn _{1-x} Co _x O ₃ compounds. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012102	0.3	1
177	Determination of incommensurate lattice modulations in La _{0.4} Sr _{1.6} MnO ₄ by resonant r-ray scattering. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012107	0.3	1
176	Metamagnetic transition in Tb ₂ MnCoO ₆ . <i>EPJ Web of Conferences</i> , 2013 , 40, 15002	0.3	6
175	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
174	Mn K edge resonant X-ray scattering of half-doped manganites. <i>European Physical Journal: Special Topics</i> , 2012 , 208, 107-119	2.3	1
173	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
172	Effects of Al substitution on the multiferroic properties of TbMnO ₃ . <i>Physical Review B</i> , 2012 , 86,	3.3	17
171	Enhancement of ferromagnetic correlations on multiferroic TbMnO ₃ by replacing Mn with Co. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 455601	1.8	24
170	Structural properties of Pb ₂ MnW(1-x)Re(x)O ₆ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 075403	1.8	4
169	Incommensurate sinusoidal oxygen modulations in layered manganites La(1-x)Sr(1+x)MnO ₄ (x \leq 0.5). <i>Physical Review Letters</i> , 2012 , 109, 107202	7.4	8
168	Structural transformation in magnetite below the Verwey transition. <i>Physical Review B</i> , 2011 , 83,	3.3	68
167	Valence transition in (Pr,Ca)CoO ₃ cobaltites: Charge migration at the metal-insulator transition. <i>Physical Review B</i> , 2011 , 84,	3.3	45
166	Cation order and structural transition in La ₂ MnCoO ₆ . <i>Journal of Physics: Conference Series</i> , 2011 , 325, 012007	0.3	3
165	A new type of antiferrodistortive structure in a double perovskite with Pb. <i>Dalton Transactions</i> , 2011 , 40, 3211-8	4.3	10
164	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
163	Structural changes at the semiconductor-insulator phase transition in the single-layered perovskite La _{0.5} Sr _{1.5} MnO ₄ . <i>Physical Review B</i> , 2011 , 83,	3.3	22
162	Valence change of praseodymium in Pr _{0.5} Ca _{0.5} CoO ₃ investigated by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2011 , 84,	3.3	41

161	Effect of cation disorder on structural, magnetic and dielectric properties of La ₂ MnCoO ₆ double perovskite. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 496003	1.8	51
160	The Influence of Ca Substitution on Magnetic and Electric Properties of GdCoO ₃ - δ Cobaltite. <i>Solid State Phenomena</i> , 2010 , 168-169, 501-504	0.4	3
159	Hard x-ray probe to study doping-dependent electron redistribution and strong covalency in La _{1-x} Sr _{1+x} MnO ₄ . <i>Physical Review B</i> , 2010 , 82,	3.3	21
158	Role of A-site cations in the metal-insulator transition in Pr _{0.5} Ca _{0.5} CoO ₃ (δ). <i>Physical Review B</i> , 2010 , 81,	3.3	33
157	Structural effects of Sc doping on the multiferroic TbMnO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	18
156	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
155	Magnetoresistance in the paramagnetic insulating state of Pr _{0.50} Ca _{0.50} CoO ₃ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012010	0.3	1
154	Effects of substituting Mn with Ga in the multiferroic properties of TbMnO ₃ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012024	0.3	6
153	Structural, electrical and magnetic properties of RE _{1/3} Sr _{2/3} FeO ₃ compounds (RE = La, Pr, Nd, Eu and Gd). <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012015	0.3	3
152	Electron doping versus antisite defects: Structural and magnetic properties of Sr _{2-x} LaxCrMoO ₆ and Sr _{2-x} LaxCr _{1+x/2} Mo _{1-x/2} O ₆ perovskites. <i>Solid State Sciences</i> , 2010 , 12, 750-758	3.4	8
151	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
150	Exploration of magnetic order in Pr _{0.5} Ca _{0.5} CoO ₃ (δ) below the metal-insulator transition. <i>Physics Procedia</i> , 2010 , 8, 73-77		4
149	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
148	Evidence for charge-density-wave nature of the charge-ordered phase in La _{1/3} Sr _{2/3} FeO ₃ . <i>Physical Review B</i> , 2009 , 79,	3.3	29
147	Reexamination of the temperature dependences of resonant reflections in highly stoichiometric magnetite. <i>Physical Review Letters</i> , 2009 , 102, 176405	7.4	29
146	Probing and comparing electron doping and miss-site effects in Re-based double perovskites. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 216008	1.8	3
145	Resonant x-ray scattering in 3d-transition-metal oxides: Anisotropy and charge orderings. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012085	0.3	6
144	Electron doping effects on Sr ₂ FeReO ₆ . <i>Solid State Sciences</i> , 2009 , 11, 1535-1541	3.4	11

143	Charge and orbital ordering in Fe and Mn perovskite oxides far from half- doping by resonant x- ray scattering. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012086	0.3	
142	Soft resonant x-ray scattering in highly stoichiometric magnetite. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012088	0.3	1
141	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
140	Resonant x-ray scattering at the forbidden reflections in Mn ³⁺ perovskites RE MnO ₃ (RE: La and Tb). <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012087	0.3	
139	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
138	The checkerboard pattern of Bi(0.63)Sr(0.37)MnO(3) determined using resonant x-ray scattering at the Mn K edge. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 235211	1.8	7
137	Resonant x-ray scattering study of layered TbBaCo ₂ O _{5.5} . <i>Physical Review B</i> , 2008 , 78,	3.3	8
136	Growth of Sr _{2/3} Ln _{1/3} FeO ₃ (Ln=La, Pr, and Nd) single crystals by the floating zone technique. <i>Journal of Crystal Growth</i> , 2008 , 310, 3247-3250	1.6	26
135	Magnetization of Re-based double perovskites: Noninteger saturation magnetization disclosed. <i>Applied Physics Letters</i> , 2007 , 90, 252514	3.4	30
134	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
133	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
132	High-field magnetization measurements in Sr ₂ CrReO ₆ double perovskite: Evidence for orbital contribution to the magnetization. <i>Europhysics Letters</i> , 2007 , 78, 17006	1.6	28
131	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
130	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
129	Steric effects and electron doping in Sr ₂ CrReO ₆ double-perovskite oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, 413-416	2.8	4
128	Glassy behavior of the Nd sublattice induced by Fe doping in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e659-e662	2.8	1
127	Origin of the resonant x-ray scattering in LaMnO ₃ . <i>Physical Review B</i> , 2007 , 75,	3.3	21
126	Effects of the lanthanide addition to the Sr ₂ CrReO ₆ double perovskite. <i>Physical Review B</i> , 2007 , 76,	3.3	12

125	Magnetoelastic coupling in $\text{Sr}_2(\text{Fe}_{1-x}\text{Cr}_x)\text{ReO}_6$ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 436226	1.8	12
124	Lack of Jahn-Teller distortion in highly diluted $\text{LaMn}_{1-x}\text{Ga}_x\text{O}_3$ ($x > 0.6$). <i>Physical Review B</i> , 2006 , 73,	3.3	18
123	Double stripe ordering in $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ determined by resonant soft x-ray scattering. <i>Physical Review B</i> , 2006 , 73,	3.3	17
122	Detailed neutron study of the crossover from long-range to short-range magnetic ordering in $(\text{Nd}_{1-x}\text{Tb}_x)_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ manganites. <i>Physical Review B</i> , 2006 , 74,	3.3	18
121	Properties and phase transition of the ordered perovskite Pb_2MnWO_6 . <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 2261-2271	1.8	25
120	Extrinsic origin of ferromagnetism in doped ZnO . <i>Journal of Materials Chemistry</i> , 2006 , 16, 2282-2288		51
119	Nature of the magnetic ordering for small mean-size and large-size mismatch of A-site cations in CMR manganites. <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 401-404	2.8	7
118	Phase segregation in the $\text{Gd}_{1-x}\text{Sr}_x\text{FeO}_3$ series. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 898-908	3.3	36
117	Stable cubic spinels in the ZnMnO system in air. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2199-2205	3.3	26
116	XAS Study of $\text{LaMn}_{1-x}\text{Ga}_x\text{O}_3$ Series. <i>Physica Scripta</i> , 2005 , 641	2.6	3
115	XAS Study of A_2FeMoO_6 Double Perovskite. <i>Physica Scripta</i> , 2005 , 471	2.6	2
114	EXAFS spectroscopic analysis of the Verwey transition in Fe_3O_4 . <i>Physical Review B</i> , 2005 , 71,	3.3	58
113	Possible quantum critical point in $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{Ga}_x\text{O}_3$. <i>Physical Review Letters</i> , 2005 , 94, 207205	2.5	39
112	Giant magnetostriction in $\text{Ca}_2\text{FeReO}_6$ double perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 843-845	2.8	21
111	Properties of half metallic $(\text{Ba}_{0.8}\text{Sr}_{0.2})_2\text{La}_{2x/3}\text{Fe}_{3x/3}\text{FeMoO}_6$ double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 1021-1024	2.8	4
110	Large magnetoresistance in $(\text{AA}')_2\text{FeReO}_6$ double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 1043-1049	2.8	22
109	X-ray absorption spectroscopic study on A_2FeReO_6 double perovskites. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 4963-4976	1.8	14
108	Combining DLS, XRD, SEM-EDAX and EXAFS in the study of Zn(II) retention on a palygorskitic clay. <i>Clay Minerals</i> , 2005 , 40, 205-212	1.3	

107	Investigation of the high Curie temperature in Sr ₂ CrReO ₆ . <i>Physical Review B</i> , 2005 , 71,	3.3	43
106	Polarized x-ray absorption spectra of La _{1-x} Sr _{1+x} MnO ₄ : Electronic state of Mn atoms. <i>Physical Review B</i> , 2005 , 72,	3.3	25
105	Pressure effect on magnetic and magnetotransport properties of intermetallic and colossal magnetoresistance oxide compounds. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, S3035-S3055	1.8	
104	Impact of cation size on magnetic properties of (AA') ₂ FeReO ₆ double perovskites. <i>Physical Review B</i> , 2004 , 69,	3.3	78
103	X-ray resonant scattering of (004n+2) forbidden reflections in spinel ferrites. <i>Physical Review B</i> , 2004 , 70,	3.3	18
102	Stability of the tetragonal Mn ³⁺ O ₆ distortions in the LaMn _{1-x} Ga _x O ₃ series by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2004 , 69,	3.3	29
101	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
100	Structure and magnetic properties of LaMn _{1-x} Mg _x O ₃ compounds. <i>Physical Review B</i> , 2004 , 70,	3.3	27
99	Structural and magnetic details of 3d-element doped Sr ₂ Fe _{0.75} Ti _{0.25} MoO ₆ . <i>Solid State Sciences</i> , 2004 , 6, 419-431	3.4	27
98	Increase of Curie temperature in fixed ionic radius Ba _(1-x) Sr _(3x) La _(2x) FeMoO ₆ double perovskites. <i>European Physical Journal B</i> , 2004 , 39, 35-40	1.2	29
97	Effect of Ga-doping on magnetic and electrical properties of La _{2/3} Sr _{1/3} Mn _{1-x} Ga _x O ₃ (0. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1810-1811	2.8	2
96	NMR and X-MCD study of Sr _{1-x} Ba _{1+x} La _{2x} FeMoO ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1756-1758	2.8	5
95	NMR study of A ₂ FeMoO 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
94	Magnetite, a model system for mixed-valence oxides, does not show charge ordering. <i>Physical Review Letters</i> , 2004 , 93, 156408	7.4	77
93	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
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