

Joaquin Garcia

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

6,880
citations

42
h-index

74
g-index

240
ext. papers

7,152
ext. citations

2.8
avg, IF

5.18
L-index

#	Paper	IF	Citations
232	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
231	Structural, Magnetic, and Electronic Properties of CaBaCoM O (M = Fe, Zn). <i>Inorganic Chemistry</i> , 2018 , 57, 3360-3370	5.1	7
230	Structural properties of charge disproportionation and magnetic order in Sr ₂ /3Ln ₁ /3FeO ₃ (Ln=La, Pr, and Nd). <i>Physical Review B</i> , 2018 , 98,	3.3	4
229	XAS Studies on Mixed Valence Oxides 2016 , 459-484		
228	Hard and soft x-rays XAS characterization of charge ordered LuFe ₂ O ₄ . <i>Journal of Physics: Conference Series</i> , 2015 , 592, 012121	0.3	1
227	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
226	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
225	Resonant x-ray scattering in La _{1-x} Sr _{1+x} MnO ₄ (x=0.5): Incommensurate-lattice modulation vs. Charge-stripe models. <i>Journal of Physics: Conference Series</i> , 2014 , 519, 012008	0.3	1
224	Electronic states of RFe ₂ O ₄ (R=Lu, Yb, Tm, 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
223	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
222	Structural properties in RFe ₂ O ₄ compounds (R=Tm, Yb, and Lu). <i>Physical Review B</i> , 2014 , 90,	3.3	16
221	Determination of the charge-ordered phases in LuFe ₂ O ₄ . <i>Europhysics Letters</i> , 2014 , 107, 47002	1.6	6
220	Intrinsic electrical properties of LuFe ₂ O ₄ . <i>Physical Review B</i> , 2013 , 88,	3.3	44
219	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
218	Transitions induced by a magnetic field in slightly doped TbMnO ₃ . <i>Solid State Sciences</i> , 2013 , 21, 37-43	3.4	7
217	Investigation of pressure-induced magnetic transitions in Co _x Fe _{3-x} O ₄ spinels. <i>Physical Review B</i> , 2013 , 87,	3.3	23
216	Evolution of magnetoelectric properties of Sc-diluted TbMnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 195601	1.8	7

215	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
214	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
213	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
212	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
211	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
210	Effects of Al substitution on the multiferroic properties of TbMnO ₃ . <i>Physical Review B</i> , 2012 , 86,	3.3	17
209	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
208	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
207	Incommensurate sinusoidal oxygen modulations in layered manganites La(1-x)Sr(1+x)MnO ₄ (x0.5). <i>Physical Review Letters</i> , 2012 , 109, 107202	7.4	8
206	Comment on "Direct observation of charge ordering in magnetite using resonant multiwave x-ray diffraction". <i>Physical Review Letters</i> , 2012 , 109, 049701	7.4	1
205	Structural transformation in magnetite below the Verwey transition. <i>Physical Review B</i> , 2011 , 83,	3.3	68
204	XAS study of the reversible reactivity mechanism of micro- and nanostructured electrodeposited Cu ₂ O thin films towards lithium. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5368		24
203	A new type of antiferrodistortive structure in a double perovskite with Pb. <i>Dalton Transactions</i> , 2011 , 40, 3211-8	4.3	10
202	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
201	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
200	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
199	Structural effects of Sc doping on the multiferroic TbMnO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	18
198	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

197	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
196	On the correlation between the X-ray absorption chemical shift and the formal valence state in mixed-valence manganites. <i>Journal of Synchrotron Radiation</i> , 2010 , 17, 386-92	2.4	28
195	Local structure study of Co-doped indium oxide and indium-tin oxide thin films using x-ray absorption spectroscopy. <i>Physical Review B</i> , 2009 , 79,	3.3	21
194	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
193	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
192	Phase-separated states in high-pressure LaMn _{1-x} Ga _x O ₃ manganites. <i>Physical Review B</i> , 2009 , 80,	3.3	15
191	Reexamination of the temperature dependences of resonant reflections in highly stoichiometric magnetite. <i>Physical Review Letters</i> , 2009 , 102, 176405	7.4	29
190	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
189	Sub-Terahertz Excitations in Manganites with Commensurate Charge Order. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009 , 22, 13-16	1.5	4
188	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	
187	Soft resonant x-ray scattering in highly stoichiometric magnetite. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012088	0.3	1
186	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
185	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	
184	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
183	Observation of charge-density-wave excitations in manganites. <i>Physical Review Letters</i> , 2008 , 101, 066407	7.4	54
182	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
181	Resonant x-ray scattering study of layered TbBaCo ₂ O _{5.5} . <i>Physical Review B</i> , 2008 , 78,	3.3	8
180	Effect of Ga substitution on the optical properties of La-Sr manganites. <i>Physical Review B</i> , 2008 , 77,	3.3	6

179	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
178	X-ray absorption and molecular dynamics study of cation binding sites in the purple membrane. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 67, 360-74	4.2	11
177	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
176	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
175	Origin of the resonant x-ray scattering in LaMnO ₃ . <i>Physical Review B</i> , 2007 , 75,	3.3	21
174	Effects of the lanthanide addition to the Sr ₂ CrReO ₆ double perovskite. <i>Physical Review B</i> , 2007 , 76,	3.3	12
173	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
172	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
171	Checkerboard-ordered pattern of Bi _{0.5} Sr _{0.5} MnO ₃ low-temperature phase probed by x-ray resonant scattering. <i>Physical Review B</i> , 2006 , 73,	3.3	22
170	Site-specific magnetization reversal studies of magnetite. <i>Physical Review B</i> , 2006 , 73,	3.3	4
169	Properties and phase transition of the ordered perovskite Pb ₂ MnWO ₆ . <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 2261-2271	1.8	25
168	Comment on "Charge order in Fe ₂ OBO ₃ : An LSDA+U study" <i>Physical Review B</i> , 2006 , 74,	3.3	6
167	Extrinsic origin of ferromagnetism in doped ZnO. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2282-2288		51
166	Phase segregation in the Gd _{1-x} Sr _x FeO ₃ series. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 898-908	3.3	36
165	Stable cubic spinels in the ZnMnD system in air. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2199-2205	3.3	26
164	EXAFS spectroscopic analysis of the Verwey transition in Fe ₃ O ₄ .. <i>Physical Review B</i> , 2005 , 71,	3.3	58
163	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
162	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

161	X-ray resonant scattering of (004n+2) forbidden reflections in spinel ferrites. <i>Physical Review B</i> , 2004 , 70,	3.3	18
160	Stability of the tetragonal Mn ³⁺ O ₆ distortions in the LaMn _{1-x} GaxO ₃ series by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2004 , 69,	3.3	29
159	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
158	Structure and magnetic properties of LaMn _{1-x} MgxO ₃ compounds. <i>Physical Review B</i> , 2004 , 70,	3.3	27
157	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
156	Effect of Ga-doping on magnetic and electrical properties of La _{2/3} Sr _{1/3} Mn _{1-x} GaxO ₃ (0. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1810-1811	2.8	2
155	Magnetite, a model system for mixed-valence oxides, does not show charge ordering. <i>Physical Review Letters</i> , 2004 , 93, 156408	7.4	77
154	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
153	A quantitative XANES analysis of the calcium high-affinity binding site of the purple membrane. <i>Biophysical Journal</i> , 2004 , 87, 513-20	2.9	9
152	The Verwey transition—new perspective. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, R145-R178	1.8	234
151	Grazing incidence diffraction anomalous fine structure of self-assembled semiconductor nanostructures. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003 , 200, 24-33	1.2	3
150	Glancing angle EXAFS of encapsulated self-assembled InAs/InP quantum wires and InAs/GaAs quantum dots. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003 , 101, 174-180	3.1	8
149	Grazing incidence diffraction anomalous fine structure: a tool for investigating strain distribution and interdiffusion in InAs/InP quantum wires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 17, 541-542	3	3
148	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
147	Comment on x-ray resonant scattering studies of orbital and charge ordering in Pr _{1-x} CaxMnO ₃ . <i>Physical Review B</i> , 2003 , 68,	3.3	11
146	Effects of Ga doping in La _{2/3} Sr _{1/3} MnO ₃ . <i>Physical Review B</i> , 2003 , 68,	3.3	19
145	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
144	Double-channel excitation in the X-ray absorption spectrum of Fe ³⁺ water solutions. <i>Chemical Physics</i> , 2002 , 282, 441-450	2.3	46

143	Synthesis and structural study of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_{3+\delta}$ perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 781-792	3.9	86
142	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
141	Local electronic and geometrical structure of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_{3+\delta}$ perovskites determined by x-ray-absorption spectroscopy. <i>Physical Review B</i> , 2002 , 65,	3.3	123
140	LACK OF ATOMIC CHARGE LOCALIZATION IN TRANSITION METAL MIXED VALENCE OXIDES. <i>Surface Review and Letters</i> , 2002 , 09, 821-830	1.1	5
139	SOFT X-RAY ABSORPTION SPECTROSCOPY (Mn L _{2,3} AND O K) IN MIXED VALENCE MANGANITES. <i>Surface Review and Letters</i> , 2002 , 09, 1071-1078	1.1	17
138	STUDY OF LOCAL STRUCTURE IN UNDER-DOPED $\text{La}_{2-x}\text{Sr}_x\text{CuO}_{4-y}$ BY POLARIZED EXAFS. <i>International Journal of Modern Physics B</i> , 2002 , 16, 1641-1648	1.1	1
137	POLARISED TEMPERATURE DEPENDENT XANES STUDY OF SUPERCONDUCTING $\text{La}_{2-x}\text{Sr}_x\text{CuO}_{4-y}$ UNDER- AND OVER-DOPED SINGLE CRYSTALS. <i>International Journal of Modern Physics B</i> , 2002 , 16, 1327-1339	1.1	4
136	Mn local structure effects in charge-ordered mixed-valence $\text{RE}_{1-x}\text{Ca}_x\text{MnO}_3$ (RE: La, Tb) perovskites: a review of the experimental situation. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 5017-5033	1.8	18
135	Grazing-incidence diffraction anomalous fine structure of InAs/InP(001) self-assembled quantum wires. <i>Europhysics Letters</i> , 2002 , 57, 499-505	1.6	28
134	Neutron diffraction study and magnetic properties of $\text{LaMn}_{1-x}\text{GaxO}_3$. <i>Physical Review B</i> , 2002 , 66,	3.3	72
133	Glancing-angle diffraction anomalous fine structure of InAs quantum dots and quantum wires. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 536-8	2.4	8
132	Double-channel excitation in the XAS spectra of divalent and trivalent iron complexes in water solution. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 213-4	2.4	1
131	Local structure and oxidation state of Mn and Ni atoms in $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_{3+\delta}$ perovskites. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 901-3	2.4	5
130	Geometric local structure at the Mn site in charge-ordered mixed valence manganites. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 904-6	2.4	
129	Mn K-edge XANES spectra of manganites measured by Kbeta emission. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 892-4	2.4	3
128	Has charge ordering actually been observed in manganites by resonant X-ray scattering?. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 895-7	2.4	1
127	Diffraction anomalous fine structure of forbidden Bragg reflections: charge localization and structure of the octahedral site in magnetite. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 390-2	2.4	4
126	Polarization-dependent XANES study of $\text{Bi}_2\text{Sr}_2\text{Ca}_{(1-x)}\text{Pr}_x\text{Cu}_2\text{O}_{8-\delta}$ insulating single crystal. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 842-4	2.4	1

125	O K and Cu LIII edge study of itinerant holes in I2-, Hgl2- and HgBr2- intercalated BSCCO(2212) single crystals. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 818-20	2.4	2
124	The influence of doping on the magnetic and structural properties of the double perovskite Sr2FeMoO6. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1070-1072	2.8	5
123	Mössbauer spectroscopy in Sr2FeMoO6 double perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1089-1091	2.8	12
122	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
121	Magnetic properties and structure of LaNi3/4Mn1/4O3. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, L729-L736	1.8	4
120	Comment on X-Ray Anomalous Scattering Study of a Charge-Ordered State in NaV2O5. <i>Physical Review Letters</i> , 2001 , 87,	7.4	8
119	Analysis of the x-ray resonant scattering at the Mn K edge in half-doped mixed valence manganites. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 3243-3256	1.8	52
118	Absence of charge ordering below the Verwey transition temperature in magnetite. <i>Physical Review B</i> , 2001 , 63,	3.3	94
117	Relationships between Structure and Physical Properties in SmNi1-xCoxO3. <i>Journal of Solid State Chemistry</i> , 2000 , 150, 145-153	3.3	23
116	MetalInsulator Transition and Magnetic Properties of La1-xEuxNiO3 (0 ≤ x ≤ 1). <i>Journal of Solid State Chemistry</i> , 2000 , 151, 1-11	3.3	18
115	Magnetic behavior of Pr1-xCaxMnO3 in the electric-field-driven insulator-metal transition. <i>Physical Review B</i> , 2000 , 61, 11236-11239	3.3	52
114	Structural and magnetic study of Tb1-xCaxMnO3 perovskites. <i>Physical Review B</i> , 2000 , 62, 5609-5618	3.3	154
113	Resonant "forbidden" reflections in magnetite. <i>Physical Review Letters</i> , 2000 , 85, 578-81	7.4	109
112	Structural and magnetic properties of double perovskites AA'FeMoO6 (AA' = Ba2, BaSr, Sr2 and Ca2). <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 8295-8308	1.8	173
111	Spectroscopic Study of the Structure of Bis(oxazoline)copper Complexes in Solution and Immobilized on Laponite Clay. Influence of the Structure on the Catalytic Performance. <i>Langmuir</i> , 2000 , 16, 5607-5612	4	33
110	Diffraction-anomalous-fine-structure spectroscopy applied to the study of III-V strained semiconductors. <i>Physical Review B</i> , 1999 , 59, 5479-5492	3.3	58
109	Magnetic and magnetotransport properties of the ordered perovskite Sr2FeMoO6. <i>Solid State Communications</i> , 1999 , 110, 435-438	1.6	177
108	Local structure around Mn atom in the LaMnO3 + Bsystem. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 534-535	2.8	2

107	Magnetic properties of SmNiO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 541-542	2.8	7
106	Study of the phase transitions in. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 405-415	1.8	35
105	Electronic and magnetic phase diagram of SmNi _{1-x} Co _x O ₃ . <i>Physical Review B</i> , 1999 , 59, 14424-14431	3.3	18
104	EXAFS, magnetic, spectral, and thermal studies on a new polymeric copper mixed-valence compound with the 2-thioisoorotato bridging ligand. <i>Journal of Materials Science</i> , 1998 , 33, 2103-2109	4.3	1
103	Study of Structural, Magnetic, and Electrical Properties of La _{2/3} Ca _{1/3} Mn _{1-x} In _x O ₃ Perovskites. <i>Journal of Solid State Chemistry</i> , 1998 , 138, 226-231	3.3	25
102	Local structure at the manganese site in mixed-valence manganites. <i>Physical Review B</i> , 1998 , 57, 748-754	3.3	44
101	Effect of cation vacancies in the local structure and transport properties of LaMnO _{3-x} Mn K-edge x-ray-absorption study. <i>Physical Review B</i> , 1998 , 58, 9287-9293	3.3	29
100	Soft x-ray photoelectron diffraction study of epitaxial InGaAs/GaAs(001). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 2318-2325	2.9	2
99	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
98	Critical behavior of magnetoresistivity in La _{2/3} Ca _{1/3} MnO ₃ . <i>Journal of Applied Physics</i> , 1997 , 81, 5760-5763	3.3	2
97	Theoretical analysis of x-ray absorption near-edge structure of transition-metal aqueous complexes in solution at the metal K edge. <i>Physical Review B</i> , 1997 , 56, 2447-2452	3.3	34
96	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
95	Influence of oxygen content on the structural, magnetotransport, and magnetic properties of LaMnO _{3-x} <i>Physical Review B</i> , 1997 , 56, 8902-8911	3.3	300
94	Charge ordering at room temperature in. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 10321-10331	1.8	33
93	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
92	Charge localization, magnetic order, structural behavior, and spin dynamics of (La _a Tb _b) _{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
91	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
90	The effect of hydrogen absorption on the structural, electronic and magnetic properties of the C15 Friauf-Laves phase compounds CeFe ₂ , CeRu ₂ and LaRu ₂ : An X-ray absorption spectroscopy study. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 166, 149-164	2.8	19

89	EXAFS Investigation of the Ni ²⁺ Environment in Heavy-Metal Fluoride Glasses. <i>European Physical Journal Special Topics</i> , 1997 , 7, C2-1219-C2-1220		2
88	Titanium Catalysts Supported on Silica. X-ray Absorption Investigation on Their Structures and Comparison of Their Catalytic Activities in Diels-Alder and Epoxidation Reactions. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 19484-19488		33
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