

Joaquin Garcia

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5866256/joaquin-garcia-publications-by-citations.pdf>

Version: 2024-04-26

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.

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	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
231	Large magnetovolume effect in yttrium doped La-Ca-Mn-O perovskite. <i>Physical Review Letters</i> , 1995 , 75, 3541-3544	7.4	287
230	Spontaneous behavior and magnetic field and pressure effects on $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ perovskite. <i>Physical Review B</i> , 1996 , 54, 1187-1193	3.3	251
229	Spin-glass insulator state in $(\text{Tb-La})_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ perovskite. <i>Physical Review Letters</i> , 1996 , 76, 3392-3395	7.4	243
228	The Verwey transition – new perspective. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, R145-R178	1.8	234
227	Structural, magnetic, and transport properties of the giant magnetoresistive perovskites $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{Al}_x\text{O}_3$. <i>Physical Review B</i> , 1997 , 55, 8905-8910	3.3	219
226	Multiple-scattering regime and higher-order correlations in x-ray-absorption spectra of liquid solutions. <i>Physical Review B</i> , 1986 , 34, 5774-5781	3.3	179
225	Magnetic and magnetotransport properties of the ordered perovskite $\text{Sr}_2\text{FeMoO}_6$. <i>Solid State Communications</i> , 1999 , 110, 435-438	1.6	177
224	Structural and magnetic properties of double perovskites $\text{AA}'\text{FeMoO}_6$ ($\text{AA}' = \text{Ba}_2, \text{BaSr}, \text{Sr}_2$ and Ca_2). <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 8295-8308	1.8	173
223	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
222	Structural and magnetic study of $\text{Tb}_{1-x}\text{Ca}_x\text{MnO}_3$ perovskites. <i>Physical Review B</i> , 2000 , 62, 5609-5618	3.3	154
221	Local electronic and geometrical structure of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_3$ perovskites determined by x-ray-absorption spectroscopy. <i>Physical Review B</i> , 2002 , 65,	3.3	123
220	Resonant "forbidden" reflections in magnetite. <i>Physical Review Letters</i> , 2000 , 85, 578-81	7.4	109
219	Absence of charge ordering below the Verwey transition temperature in magnetite. <i>Physical Review B</i> , 2001 , 63,	3.3	94
218	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
217	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
216	Synthesis and structural study of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_3$ perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 781-792	3.9	86

215	Multielectron excitations at the L edges in rare-earth ionic aqueous solutions. <i>Physical Review B</i> , 1995 , 51, 2678-2686	3-3	85
214	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
213	The quantitative Jahn-teller distortion of the Cu ²⁺ site in aqueous solution by xanes spectroscopy. <i>Chemical Physics</i> , 1989 , 132, 295-302	2-3	83
212	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
211	Magnetite, a model system for mixed-valence oxides, does not show charge ordering. <i>Physical Review Letters</i> , 2004 , 93, 156408	7-4	77
210	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
209	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
208	Neutron diffraction study and magnetic properties of LaMn _{1-x} Ga _x O ₃ . <i>Physical Review B</i> , 2002 , 66,	3-3	72
207	Structural transformation in magnetite below the Verwey transition. <i>Physical Review B</i> , 2011 , 83,	3-3	68
206	Multielectron excitations in the K-edge x-ray-absorption near-edge spectra of V, Cr, and Mn 3d ⁰ compounds with tetrahedral coordination. <i>Physical Review B</i> , 1991 , 43, 6885-6892	3-3	65
205	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
204	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
203	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
202	EXAFS spectroscopic analysis of the Verwey transition in Fe ₃ O ₄ .. <i>Physical Review B</i> , 2005 , 71,	3-3	58
201	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
200	Observation of charge-density-wave excitations in manganites. <i>Physical Review Letters</i> , 2008 , 101, 066407	7-4	54
199	Structure of oriented V ₂ O ₅ gel studied by polarized x-ray-absorption spectroscopy at the vanadium K edge. <i>Physical Review B</i> , 1989 , 40, 12229-12236	3-3	53
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. <i>Physical Review B</i> , 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. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 3243-3256	1.8	52
195	Extrinsic origin of ferromagnetism in doped ZnO. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2282-2288		51
194	Pressure effect on yttrium doped $\text{La}_{0.60}\text{Y}_{0.07}\text{Ca}_{0.33}\text{MnO}_3$ compound. <i>Applied Physics Letters</i> , 1995 , 67, 2875-2877	3-4	49
193	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
192	Intrinsic electrical properties of LuFe_2O_4 . <i>Physical Review B</i> , 2013 , 88,	3-3	44
191	Local structure at the manganese site in mixed-valence manganites. <i>Physical Review B</i> , 1998 , 57, 748-754	3-3	44
190	Low-temperature specific heat of NdMO_3 (M=Co, Fe, Cr, Ni): Magnetic ordering of Nd. <i>Solid State Communications</i> , 1994 , 91, 177-182	1.6	42
189	Catalytic and structural properties of ruthenium bimetallic catalysts: Preparation and characterization. <i>Journal of Molecular Catalysis</i> , 1994 , 92, 107-121		41
188	Superconducting weak links in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$: An AC magnetic susceptibility study. <i>Journal of Magnetism and Magnetic Materials</i> , 1987 , 69, L225-L229	2.8	38
187	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
186	Three particle correlation function of metal ions in tetrahedral coordination determined by XANES. <i>Solid State Communications</i> , 1986 , 58, 595-599	1.6	36
185	Study of the phase transitions in. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 405-415	1.8	35
184	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
183	Structural, magnetic and electrical properties of $\text{NdNi}_{1-x}\text{FexO}_3$ and $\text{NdNi}_{1-x}\text{CoxO}_3$ systems. <i>Journal of Physics and Chemistry of Solids</i> , 1994 , 55, 843-852	3-9	34
182	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
181	Charge ordering at room temperature in. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 10321-10331	1.8	33
180	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

179	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
178	Effect of Various Pretreatments on the Structure and Properties of Ruthenium Catalysts. <i>Journal of Catalysis</i> , 1996 , 161, 480-494	7.3	31
177	Magnetic properties of LaNi _{1-x} Mn _x O ₃ perovskites. <i>European Physical Journal B</i> , 2002 , 30, 469-479	1.2	30
176	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
175	Reexamination of the temperature dependences of resonant reflections in highly stoichiometric magnetite. <i>Physical Review Letters</i> , 2009 , 102, 176405	7.4	29
174	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
173	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
172	Detection of hydrogen-induced effects in Ce ₂ Fe ₁₄ BH _x and Ce ₂ Fe ₁₇ H _x permanent magnets by LIII absorption edge of cerium. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1171-1172	2.8	29
171	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
170	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
169	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
168	Analysis of the x-ray-absorption near-edge-structure spectra of La _{1-x} NdxNiO ₃ and LaNi _{1-x} FexO ₃ perovskites at the nickel K edge. <i>Physical Review B</i> , 1995 , 52, 15823-15828	3.3	28
167	The state of nickel in Ni/SiO ₂ and Ni/TiO ₂ -calcined catalysts. <i>Journal of Catalysis</i> , 1992 , 136, 415-422	7.3	28
166	Structure and magnetic properties of LaMn _{1-x} MgxO ₃ compounds. <i>Physical Review B</i> , 2004 , 70,	3.3	27
165	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
164	An experimental and theoretical study of multi-electron excitations at the L ₃ absorption edge in some rare earth alloys and their hydrides. <i>Chemical Physics Letters</i> , 1990 , 174, 389-395	2.5	27
163	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
162	Stable cubic spinels in the ZnMnD system in air. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2199-2205	3.3	26

161	Study of Structural, Magnetic, and Electrical Properties of $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{In}_x\text{O}_3$ Perovskites. <i>Journal of Solid State Chemistry</i> , 1998 , 138, 226-231	3.3	25
160	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
159	Polarized x-ray absorption spectra of $\text{La}_{1-x}\text{Sr}_{1+x}\text{MnO}_4$: Electronic state of Mn atoms. <i>Physical Review B</i> , 2005 , 72,	3.3	25
158	XAS study of the reversible reactivity mechanism of micro- and nanostructured electrodeposited Cu_2O thin films towards lithium. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5368		24
157	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
156	A comparative study of the crystallographic, magnetic and electrical properties of the $\text{Nd}_{1-x}\text{La}_x\text{NiO}_3$ -delta system. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 10759-10772	1.8	24
155	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
154	Relationships between Structure and Physical Properties in $\text{SmNi}_{1-x}\text{Co}_x\text{O}_3$. <i>Journal of Solid State Chemistry</i> , 2000 , 150, 145-153	3.3	23
153	Giant magnetoresistance in bulk. <i>Solid State Communications</i> , 1995 , 96, 627-630	1.6	23
152	Glancing-angle extended x-ray absorption fine structure study of strained $\text{InGaAs}/\text{GaAs}$ heterostructures. <i>Journal of Applied Physics</i> , 1995 , 78, 6574-6583	2.5	23
151	Structural changes at the semiconductor-insulator phase transition in the single-layered perovskite $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. <i>Physical Review B</i> , 2011 , 83,	3.3	22
150	Checkerboard-ordered pattern of $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ low-temperature phase probed by x-ray resonant scattering. <i>Physical Review B</i> , 2006 , 73,	3.3	22
149	Lattice site of manganese in LiNbO_3 : An EXAFS study. <i>Solid State Communications</i> , 1989 , 71, 243-246	1.6	22
148	Thermophysical properties of intermetallic Mn_3MC perovskites I. Heat capacity of manganese gallium carbide Mn_3GaC . <i>Journal of Chemical Thermodynamics</i> , 1983 , 15, 1059-1069	2.9	22
147	Hard x-ray probe to study doping-dependent electron redistribution and strong covalency in $\text{La}_{1-x}\text{Sr}_{1+x}\text{MnO}_4$. <i>Physical Review B</i> , 2010 , 82,	3.3	21
146	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
145	Origin of the resonant x-ray scattering in LaMnO_3 . <i>Physical Review B</i> , 2007 , 75,	3.3	21
144	Correlation between magnetovolume and giant magnetoresistance effects in doped $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ perovskites. <i>Journal of Applied Physics</i> , 1996 , 79, 5175	2.5	21

143	Microscopic investigation of the strain distribution in InGaAs/GaAs quantum well structures grown by molecular beam epitaxy. <i>Journal of Crystal Growth</i> , 1993 , 127, 592-595	1.6	20
142	Thermophysical properties of the intermetallic Mn ₃ Mn perovskites I. Heat capacity of the manganese nitride Mn ₄ N. <i>Journal of Chemical Thermodynamics</i> , 1983 , 15, 465-473	2.9	20
141	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
140	Effects of Ga doping in La _{2/3} Sr _{1/3} MnO ₃ . <i>Physical Review B</i> , 2003 , 68,	3.3	19
139	Specific heat of the cubic metallic perovskites Mn ₃ ZnN and Mn ₃ GaN. <i>Journal of Magnetism and Magnetic Materials</i> , 1980 , 15-18, 1155-1156	2.8	19
138	Structural effects of Sc doping on the multiferroic TbMnO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	18
137	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
136	X-ray resonant scattering of (004n+2) forbidden reflections in spinel ferrites. <i>Physical Review B</i> , 2004 , 70,	3.3	18
135	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
134	Insulator Transition and Magnetic Properties of La _{1-x} EuxNiO ₃ (0 ≤ x ≤ 1). <i>Journal of Solid State Chemistry</i> , 2000 , 151, 1-11	3.3	18
133	Electronic and magnetic phase diagram of SmNi _{1-x} CoxO ₃ . <i>Physical Review B</i> , 1999 , 59, 14424-14431	3.3	18
132	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
131	Effects of Al substitution on the multiferroic properties of TbMnO ₃ . <i>Physical Review B</i> , 2012 , 86,	3.3	17
130	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
129	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
128	Structural properties in RFe ₂ O ₄ compounds (R=Tm, Yb, and Lu). <i>Physical Review B</i> , 2014 , 90,	3.3	16
127	Phase-separated states in high-pressure LaMn _{1-x} GaxO ₃ manganites. <i>Physical Review B</i> , 2009 , 80,	3.3	15
126	Thermophysical properties of the intermetallic Mn ₃ Mn perovskites II. Heat capacity of manganese zinc nitride: Mn ₃ ZnN and manganese gallium nitride: Mn ₃ GaN. <i>Journal of Chemical Thermodynamics</i> , 1983 , 15, 1041-1057	2.9	15

125	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
124	Magnetic properties of $NdNi_{1-x}Co_xO_3$ samples: Evidence of spin-glass behavior. <i>Physical Review B</i> , 1995 , 51, 3569-3574	3.3	14
123	A magnetic Kosterlitz-Thouless transition in quasi 2-d $MnRhAs$?. <i>Journal of Magnetism and Magnetic Materials</i> , 1986 , 54-57, 1547-1548	2.8	14
122	Characterization of $XMoO_3 \square YNiO/USHY$ zeolites by i.r., XPS, EXAFS, and catalytic HDS of thiophene: The influence of metal loading and preparation procedure. <i>Zeolites</i> , 1988 , 8, 464-471		14
121	Strong local lattice instability in hexagonal ferrites RFe_2O_4 ($R = Lu, Y, Yb$) revealed by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2014 , 89,	3.3	13
120	Effects of A-site disorder in the properties of A_2CoMnO_6 ($A = La, Tb$). <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 386001	1.8	13
119	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
118	Structure, magnetic and electrical properties in $Nd_{1-x}La_xNiO_3$ system. <i>Solid State Ionics</i> , 1993 , 63-65, 593-598	3.3	13
117	Effects of the lanthanide addition to the Sr_2CrReO_6 double perovskite. <i>Physical Review B</i> , 2007 , 76,	3.3	12
116	Mössbauer spectroscopy in Sr_2FeMoO_6 double perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1089-1091	2.8	12
115	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
114	Extended x-ray-absorption fine-structure study of $InAs/InP$ and $GaAs/InP$ strained heterostructures. <i>Journal of Applied Physics</i> , 1995 , 77, 62-65	2.5	12
113	Spin-glass-like phase in $Mn_4 \square Ga_xN$ solid solution, magnetic properties for $x = 0.75, 0.85, 0.9, 0.95$ and 1.0. <i>Journal of Magnetism and Magnetic Materials</i> , 1986 , 59, 221-234	2.8	12
112	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
111	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
110	An x-ray spectroscopic study of A_2FeMoO_6 and $Sr_2Fe_{1-x}Cr_xMoO_6$ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 6877-6890	1.8	11
109	Comment on x-ray resonant scattering studies of orbital and charge ordering in $Pr_{1-x}Ca_xMnO_3 \square$ <i>Physical Review B</i> , 2003 , 68,	3.3	11
108	The metal - insulator transition in perovskites. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 10393-10405.8		11

107	Suppression of metal-semiconductor transition in NdNiO ₃ samples doped with Cu. <i>Solid State Communications</i> , 1994 , 91, 381-386	1.6	11
106	EXAFS and XANES investigation of the structural and electronic changes induced by hydrogen absorption in CeRu ₂ and CeFe ₂ . <i>Physica B: Condensed Matter</i> , 1989 , 158, 521-522	2.8	11
105	Magnetic susceptibility, magnetization and specific heat of Mn _{3.2} Ga _{0.8} N. <i>Journal of Magnetism and Magnetic Materials</i> , 1985 , 51, 365-374	2.8	11
104	A new type of antiferrodistortive structure in a double perovskite with Pb. <i>Dalton Transactions</i> , 2011 , 40, 3211-8	4.3	10
103	New method for comparison of EXAFS spectra at the L edges: Application to the theoretical and experimental L1 and L2,3 edges of barium in BaF ₂ . <i>Solid State Communications</i> , 1992 , 82, 939-944	1.6	10
102	Valence Change and Structural Local Disorder Induced by Hydrogen Absorption in CeRu ₂ and CeFe ₂ Studied by EXAFS and XANES Spectroscopy*. <i>Zeitschrift Fur Physikalische Chemie</i> , 1989 , 163, 277-282	2.1	10
101	Heat capacity and thermodynamic functions of CsCrCl ₃ and RbCrCl ₃ . Structural phase transitions. <i>Journal of Chemical Thermodynamics</i> , 1983 , 15, 1109-1126	2.9	10
100	Spin glass like behaviour of the solid solution Mn _{3.2} Ga _{0.8} N. <i>Journal of Magnetism and Magnetic Materials</i> , 1983 , 31-34, 1401-1403	2.8	10
99	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
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	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
96	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
95	Comment on [steric variation of the cerium valence in Ce ₂ Fe ₁₄ B and related compounds][Appl. Phys. Lett. 63, 3642 (1993)]. <i>Applied Physics Letters</i> , 1994 , 65, 3149-3150	3.4	9
94	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
93	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
92	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
91	Resonant x-ray scattering study of layered TbBaCo ₂ O _{5.5} . <i>Physical Review B</i> , 2008 , 78,	3.3	8
90	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

89	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
88	Comment on X-Ray Anomalous Scattering Study of a Charge-Ordered State in NaV ₂ O ₅ <i>Physical Review Letters</i> , 2001 , 87,	7.4	8
87	Correlation between mixed valence behaviour of cerium and the magnetic and superconducting phenomena of CeFe ₂ and CeRu ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 661-662	2.8	8
86	Structural, Magnetic, and Electronic Properties of CaBaCoM O (M = Fe, Zn). <i>Inorganic Chemistry</i> , 2018 , 57, 3360-3370	5.1	7
85	Transitions induced by a magnetic field in slightly doped TbMnO ₃ . <i>Solid State Sciences</i> , 2013 , 21, 37-43	3.4	7
84	Evolution of magnetoelectric properties of Sc-diluted TbMnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 195601	1.8	7
83	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
82	Magnetic properties of SmNiO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 541-542	2.8	7
81	Low-temperature specific heat measurements on the NdCo Fe ₁₋₀₃ system. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 2159-2160	2.8	7
80	Intermediate valence state of Ce in Ce ₂ Fe ₁₄ BH. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1213-1214	2.8	7
79	Structural study of TiIV exchanged K10-montmorillonite by XRD, EXAFS and XANES. <i>Journal of Molecular Catalysis</i> , 1994 , 92, 311-324		7
78	Structural and physical characterization of NdNiO ₃ synthesized by a sol-gel method. <i>Solid State Ionics</i> , 1993 , 63-65, 585-592	3.3	7
77	Magnetic phase transitions of the ternary phosphide MnRuP. <i>Journal of Magnetism and Magnetic Materials</i> , 1986 , 54-57, 1499-1500	2.8	7
76	Local electronic structures at selected sites of intermetallic perovskites Mn ₃ MeX (Me=divalent metal, X=N, C). <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1986 , 7, 493-505		7
75	Magnetic energy absorption in sintered YBa ₂ Cu ₃ O _{7-δ} samples. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 1533-1534	1.3	7
74	Determination of the charge-ordered phases in LuFe ₂ O ₄ . <i>Europhysics Letters</i> , 2014 , 107, 47002	1.6	6
73	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
72	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

71	Effect of Ga substitution on the optical properties of La-Sr manganites. <i>Physical Review B</i> , 2008 , 77,	3.3	6
70	Comment on "Charge order in Fe ₂ OBO ₃ : An LSDA+U study" <i>Physical Review B</i> , 2006 , 74,	3.3	6
69	Structural properties of GaAs oxide layers grown on polished (100) surfaces. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 1229-1238	1.8	6
68	X-Ray absorption spectroscopy investigation on the structure of methyl acrylate-TiCl ₄ complexes in solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2165-2166		6
67	EXAFS study of catalyst preparation procedure in Ni-silica and Ni-titania. <i>Physica B: Condensed Matter</i> , 1989 , 158, 174-175	2.8	6
66	Non-linearity of the YBa ₂ Cu ₃ O _{7-δ} low field diamagnetic properties: Multi-harmonic analysis.. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 325-326	1.3	6
65	Thermophysical properties of the intermetallic Mn ₃ Mn perovskites III. Heat capacity of the solid solution Mn _{3.2} Ga _{0.8} N. <i>Journal of Chemical Thermodynamics</i> , 1983 , 15, 1169-1180	2.9	6
64	LOCAL STRUCTURE IN SiO ₂ GLASSES BY OXYGEN K EDGE XANES. <i>Journal De Physique Colloque</i> , 1985 , 46, C8-107-C8-112		6
63	XANES (x ray absorption near edge structure): A new probe of higher order correlation function in amorphous semiconductors. <i>Journal of Non-Crystalline Solids</i> , 1985 , 77-78, 1325-1328	3.9	6
62	VANADIUM SITE STRUCTURE IN V ₂ O ₅ GEL BY POLARIZED EXAFS AND XANES. <i>Journal De Physique Colloque</i> , 1986 , 47, C8-691-C8-696		6
61	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
60	Local structure and oxidation state of Mn and Ni atoms in LaNi _{1-x} Mn _x O _{3+δ} perovskites. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 901-3	2.4	5
59	The influence of doping on the magnetic and structural properties of the double perovskite Sr ₂ FeMoO ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1070-1072	2.8	5
58	LACK OF ATOMIC CHARGE LOCALIZATION IN TRANSITION METAL MIXED VALENCE OXIDES. <i>Surface Review and Letters</i> , 2002 , 09, 821-830	1.1	5
57	L-EXAFS spectra of rare-earth aqueous solutions: detection and study of multielectron transitions. <i>Physica B: Condensed Matter</i> , 1995 , 208-209, 71-72	2.8	5
56	Investigation of Dienophile-TiCl ₄ Complexation by Means of X-ray Absorption and (13)C-NMR Spectroscopies. <i>Journal of Organic Chemistry</i> , 1996 , 61, 1636-1642	4.2	5
55	Multiple scattering contribution in the EXAFS region for octahedral clusters. <i>Physica B: Condensed Matter</i> , 1989 , 158, 409-410	2.8	5
54	Sub-Terahertz Excitations in Manganites with Commensurate Charge Order. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009 , 22, 13-16	1.5	4

53	Structural properties of $\text{Pb}_2\text{MnW}(1-x)\text{Re}(x)\text{O}_6$ double perovskites. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 075403	1.8	4
52	Site-specific magnetization reversal studies of magnetite. <i>Physical Review B</i> , 2006 , 73,	3.3	4
51	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
50	Magnetic properties and structure of $\text{LaNi}_3/4\text{Mn}_1/4\text{O}_3$. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, L729-L736	1.8	4
49	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
48	EXAFS/XANES studies of the influence of the drying pretreatments on the reducibility of $\text{Pt}/\text{Al}_2\text{O}_3$ and $\text{Pt-Re}/\text{Al}_2\text{O}_3$ catalysts. <i>Physica B: Condensed Matter</i> , 1989 , 158, 158-159	2.8	4
47	Structural properties of charge disproportionation and magnetic order in $\text{Sr}_{2/3}\text{Ln}_{1/3}\text{FeO}_3$ ($\text{Ln}=\text{La}$, Pr, and Nd). <i>Physical Review B</i> , 2018 , 98,	3.3	4
46	Structural, electrical and magnetic properties of $\text{RE}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$ compounds ($\text{RE} = \text{La}$, Pr, Nd, Eu and Gd). <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012015	0.3	3
45	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
44	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
43	Mn K-edge XANES spectra of manganites measured by Kbeta emission. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 892-4	2.4	3
42	Spin-glass behaviour in the $\text{NdNi}_1\text{Co}_0\text{O}_3$ system. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1813-1814	2.8	3
41	Microscopic structure of strained heterostructures. <i>Solid-State Electronics</i> , 1996 , 40, 653-658	1.7	3
40	Effect of zirconium incorporation into YBCO superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 1994 , 7, 701-708		3
39	Extended x-ray-absorption fine-structure study of the Jahn-Teller phase transitions in CsCrCl_3 and RbCrCl_3 hexagonal perovskites. <i>Physical Review B</i> , 1991 , 44, 11632-11639	3.3	3
38	EXAFS and XANES Investigation of the Structure of TiCl_4 and TiCl_4 -Filodiene Reaction Intermediates in Solution. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, 514	1.4	3
37	DETERMINATION OF THE THIRD ORDER MULTIPLE SCATTERING SIGNAL IN TETRAHEDRAL CLUSTERS IN LIQUID SOLUTIONS. <i>Journal De Physique Colloque</i> , 1986 , 47, C8-25-C8-29		3
36	Critical behavior of magnetoresistivity in $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$. <i>Journal of Applied Physics</i> , 1997 , 81, 5760-5763	2	2

35	Effect of Ga-doping on magnetic and electrical properties of $\text{La}_{2/3}\text{Sr}_{1/3}\text{Mn}_{1-x}\text{Ga}_x\text{O}_3$ (0. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1810-1811	2.8	2
34	O K and Cu LIII edge study of itinerant holes in I_2 -, HgI_2 - and HgBr_2 - intercalated $\text{BSCCO}(2212)$ single crystals. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 818-20	2.4	2
33	Soft x-ray photoelectron diffraction study of epitaxial $\text{InGaAs}/\text{GaAs}(001)$. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 2318-2325	2.9	2
32	Local structure around Mn atom in the $\text{LaMnO}_3 + \text{B}$ system. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 534-535	2.8	2
31	Glancing angle XAFS of InAs/InP and GaAs/InP : Strain and interface. <i>Physica B: Condensed Matter</i> , 1995 , 208-209, 557-558	2.8	2
30	Correlation between magnetism and local order: The case of the mixed valent system CeFe_2 . <i>Physica B: Condensed Matter</i> , 1991 , 171, 185-189	2.8	2
29	Study of Y by Zr substitution in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconductor: structural, magnetic and conductivity properties. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 573-574	2.8	2
28	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
27	Resonant x-ray scattering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ ($x=0.5$): Incommensurate-lattice modulation vs. Charge-stripe models. <i>Journal of Physics: Conference Series</i> , 2014 , 519, 012008	0.3	1
26	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
25	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
24	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
23	Evolution of Mn and Co oxidation state on $\text{TbMn}_{1-x}\text{Co}_x\text{O}_3$ compounds. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012102	0.3	1
22	Determination of incommensurate lattice modulations in $\text{La}_{0.4}\text{Sr}_{1.6}\text{MnO}_4$ by resonant x-ray scattering. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012107	0.3	1
21	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
20	Soft resonant x-ray scattering in highly stoichiometric magnetite. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012088	0.3	1
19	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
18	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

17	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
16	Polarization-dependent XANES study of Bi ₂ Sr ₂ Ca(1-x)Pr(x)Cu ₂ O _{8-delta} insulating single crystal. <i>Journal of Synchrotron Radiation</i> , 2001 , 8, 842-4	2.4	1
15	STUDY OF LOCAL STRUCTURE IN UNDER-DOPED La _{2-x} Sr _x CuO _{4-y} BY POLARIZED EXAFS. <i>International Journal of Modern Physics B</i> , 2002 , 16, 1641-1648	1.1	1
14	Theoretical calculation of XANES spectra of LaNiO ₃ and NdNiO ₃ . <i>Physica B: Condensed Matter</i> , 1995 , 208-209, 587-588	2.8	1
13	EXAFS study of monometallic and bimetallic Ru/Al ₂ O ₃ based catalysts. <i>Physica B: Condensed Matter</i> , 1995 , 208-209, 705-706	2.8	1
12	XRD, EXAFS and XANES investigation of Ti(IV) exchanged K10-montmorillonite. <i>Physica B: Condensed Matter</i> , 1995 , 208-209, 702-704	2.8	1
11	Comparative study of the doping effects in NdNiO ₃ by transition metals (Fe, Co, Cu). <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 2155-2156	2.8	1
10	On the developing of net Ce magnetic moment upon H ₂ absorption in Ce ₂ Fe ₁₄ B: An XCMD investigation. <i>Solid State Communications</i> , 1994 , 91, 769-773	1.6	1
9	EXAFS Characterization of Rhodium-Clay Catalysts and Their Precursors. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, 484	1.4	1
8	Relation among Oxygen Stoichiometry, Structure, and Co Valence and Spin State in Single-Layer LaA ₂ CoO (A = Ca, Sr) Perovskites. <i>Inorganic Chemistry</i> , 2020 , 59, 15757-15771	5.1	0
7	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	
6	Resonant x-ray scattering at the forbidden reflections in Mn ³⁺ perovskites REMnO ₃ (RE:La and Tb). <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012087	0.3	
5	Theoretical analysis of the multiple-scattering contributions to the extended x-ray absorption fine-structure spectra at the barium and edges in. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 5659-5671 ¹⁸		
4	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	
3	Study of the preparation method and active component concentration of NiO-MoO ₃ septiolite catalyst by EXAFS and XANES spectroscopy. <i>Physica B: Condensed Matter</i> , 1989 , 158, 162-163	2.8	
2	Local structure determination by surface XANES spectroscopy of SiO ₂ amorphous layer on NiO. <i>Journal of Materials Science Letters</i> , 1986 , 5, 441-442		
1	XAS Studies on Mixed Valence Oxides 2016 , 459-484		