

Joaquin Garcia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of oxygen content on the structural, magnetotransport, and magnetic properties of $\text{LaMnO}_3+\hat{\Gamma}$. <i>Physical Review B</i> , 1997, 56, 8902-8911.	1.1	328
2	Large Magnetovolume Effect in Yttrium Doped La-Ca-Mn-O Perovskite. <i>Physical Review Letters</i> , 1995, 75, 3541-3544.	2.9	299
3	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.	1.1	266
4	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.	2.9	259
5	The Verwey transition—a new perspective. <i>Journal of Physics Condensed Matter</i> , 2004, 16, R145-R178.	0.7	259
6	Structural, magnetic, and transport properties of the giant magnetoresistive perovskites $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{Al}_x\text{O}_3+\hat{\Gamma}$. <i>Physical Review B</i> , 1997, 55, 8905-8910.	1.1	228
7	Multiple-scattering regime and higher-order correlations in x-ray-absorption spectra of liquid solutions. <i>Physical Review B</i> , 1986, 34, 5774-5781.	1.1	196
8	Magnetic and magnetotransport properties of the ordered perovskite $\text{Sr}_2\text{FeMoO}_6$. <i>Solid State Communications</i> , 1999, 110, 435-438.	0.9	195
9	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.	0.7	195
10	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.	1.1	172
11	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.	1.1	168
12	Local electronic and geometrical structure of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_3+\hat{\Gamma}$ perovskites determined by x-ray-absorption spectroscopy. <i>Physical Review B</i> , 2002, 65, .	1.1	137
13	Resonant $\hat{\Gamma}$ -Forbidden Reflections in Magnetite. <i>Physical Review Letters</i> , 2000, 85, 578-581.	2.9	112
14	Absence of charge ordering below the Verwey transition temperature in magnetite. <i>Physical Review B</i> , 2001, 63, .	1.1	101
15	Synthesis and structural study of $\text{LaNi}_{1-x}\text{Mn}_x\text{O}_3+\hat{\Gamma}$ perovskites. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 781-792.	1.9	100
16	Cooperative Jahn-Teller Phase Transition in LaMnO_3 Studied by X-Ray Absorption Spectroscopy. <i>Physical Review Letters</i> , 2003, 90, 045503.	2.9	97
17	Multielectron excitations at the L edges in rare-earth ionic aqueous solutions. <i>Physical Review B</i> , 1995, 51, 2678-2686.	1.1	96
18	A systematic study of structural, magnetic and electrical properties of perovskites. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 7427-7442.	0.7	94

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19	Structural origin of dipole x-ray resonant scattering in the low-temperature phase of Nd _{0.5} Sr _{0.5} MnO ₃ . Physical Review B, 2004, 70, .	1.1	92
20	The quantitative Jahn-teller distortion of the Cu ²⁺ site in aqueous solution by xanes spectroscopy. Chemical Physics, 1989, 132, 295-302.	0.9	89
21	Spin-Glass Behavior and Giant Magnetoresistance in the (RE)Ni _{0.3} Co _{0.7} O ₃ (RE=La, Nd, Sm) System. Physical Review Letters, 1998, 80, 2401-2404.	2.9	84
22	Charge disproportionation in $\text{La}_{1-x}\text{Sr}_x\text{FeO}_3$. Physical Review Letters, 1998, 80, 2401-2404.	1.1	83
23	Magnetite, a Model System for Mixed-Valence Oxides, Does Not Show Charge Ordering. Physical Review Letters, 2004, 93, 156408.	2.9	80
24	Charge localization, magnetic order, structural behavior, and spin dynamics of (La ²⁺ /Tb ³⁺) _{2/3} Ca _{1/3} MnO ₃ manganese perovskites probed by neutron diffraction and muon spin relaxation. Physical Review B, 1997, 56, 3317-3324.	1.1	75
25	Neutron diffraction study and magnetic properties of LaMn _{1-x} Ga _x O ₃ . Physical Review B, 2002, 66, .	1.1	75
26	Multielectron excitations in the K-edge x-ray-absorption near-edge spectra of V, Cr, and Mn 3d ₀ compounds with tetrahedral coordination. Physical Review B, 1991, 43, 6885-6892.	1.1	71
27	Structural transformation in magnetite below the Verwey transition. Physical Review B, 2011, 83, .	1.1	70
28	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. Physical Review B, 1997, 56, 8252-8256.	1.1	65
29	Structure of oriented V ₂ O ₅ gel studied by polarized x-ray-absorption spectroscopy at the vanadium K-edge. Physical Review B, 1989, 40, 12229-12236.	1.1	64
30	High resolution x-ray absorption near edge structure at the Mn K edge of manganites. Journal of Physics Condensed Matter, 2001, 13, 3229-3241.	0.7	64
31	Diffraction-anomalous-fine-structure spectroscopy applied to the study of III-V strained semiconductors. Physical Review B, 1999, 59, 5479-5492.	1.1	63
32	EXAFS spectroscopic analysis of the Verwey transition in Fe ₃ O ₄ . Physical Review B, 2005, 71, .	1.1	62
33	Observation of Charge-Density-Wave Excitations in Manganites. Physical Review Letters, 2008, 101, 066407.	2.9	61
34	Structural and magnetic characterization of the new ternary phase Tb ₃ (Fe _{1-x} Ti _x) ₂₉ . Journal of Physics Condensed Matter, 1994, 6, L717-L723.	0.7	59
35	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.	0.7	56
36	Structural, magnetic and transport properties of Sr ₂ Fe _{1-x} CrxMoO _{6-y} . Solid State Sciences, 2002, 4, 651-660.	1.5	55

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37	Extrinsic origin of ferromagnetism in doped ZnO. Journal of Materials Chemistry, 2006, 16, 2282-2288.	6.7	55
38	Intrinsic electrical properties of LuFe_2O_4 . Physical Review B, 2013, 88, .	1.1	54
39	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.	1.1	53
40	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.	1.5	51
41	Double-channel excitation in the X-ray absorption spectrum of Fe^{3+} water solutions. Chemical Physics, 2002, 282, 441-450.	0.9	50
42	Low-temperature specific heat of NdMO_3 (M=Co, Fe, Cr, Ni): Magnetic ordering of Nd. Solid State Communications, 1994, 91, 177-182.	0.9	47
43	Catalytic and structural properties of ruthenium bimetallic catalysts: Preparation and characterization. Journal of Molecular Catalysis, 1994, 92, 107-121.	1.2	46
44	Local structure at the manganese site in mixed-valence manganites. Physical Review B, 1998, 57, 748-754.	1.1	44
45	Study of the phase transitions in. Journal of Physics Condensed Matter, 1999, 11, 405-415.	0.7	42
46	Superconducting weak links in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$: An AC magnetic susceptibility study. Journal of Magnetism and Magnetic Materials, 1987, 69, L225-L229.	1.0	41
47	Titanium Catalysts Supported on Silica. X-ray Absorption Investigation on Their Structures and Comparison of Their Catalytic Activities in Diels-Alder and Epoxidation Reactions. The Journal of Physical Chemistry, 1996, 100, 19484-19488.	2.9	41
48	Theoretical analysis of x-ray absorption near-edge structure of transition-metal aqueous complexes in solution at the metal K-edge. Physical Review B, 1997, 56, 2447-2452.	1.1	41
49	Phase segregation in the $\text{Gd}_{1-x}\text{Sr}_x\text{FeO}_3$ series. Journal of Solid State Chemistry, 2006, 179, 898-908.	1.4	41
50	Effect of Various Pretreatments on the Structure and Properties of Ruthenium Catalysts. Journal of Catalysis, 1996, 161, 480-494.	3.1	40
51	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. Journal of Physics Condensed Matter, 2011, 23, 325601.	0.7	39
52	Three particle correlation function of metal ions in tetrahedral coordination determined by XANES. Solid State Communications, 1986, 58, 595-599.	0.9	38
53	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. Langmuir, 2000, 16, 5607-5612.	1.6	38
54	Structural, magnetic and electrical properties of $\text{NdNi}_{1-x}\text{Fe}_x\text{O}_3$ and $\text{NdNi}_{1-x}\text{Co}_x\text{O}_3$ systems. Journal of Physics and Chemistry of Solids, 1994, 55, 843-852.	1.9	36

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55	Structural, electronic, magnetic and calorimetric study of the metal-insulator transition in NdNiO _{3-δ} . Journal of Physics Condensed Matter, 1994, 6, 5875-5889.	0.7	36
56	Charge ordering at room temperature in. Journal of Physics Condensed Matter, 1997, 9, 10321-10331.	0.7	35
57	Effect of cation vacancies in the local structure and transport properties of LaMnO _{3+δ} :A MnK-edge x-ray-absorption study. Physical Review B, 1998, 58, 9287-9293.	1.1	33
58	Magnetic properties of LaNi _{1-x} Mn _x O _{3+δ} perovskites. European Physical Journal B, 2002, 30, 469-479.	0.6	32
59	The state of nickel in Ni/SiO ₂ and Ni/TiO ₂ -calcined catalysts. Journal of Catalysis, 1992, 136, 415-422.	3.1	31
60	Growth of Sr _{2/3} Ln _{1/3} FeO ₃ (Ln=La, Pr, and Nd) single crystals by the floating zone technique. Journal of Crystal Growth, 2008, 310, 3247-3250.	0.7	31
61	Evidence for charge-density-wave nature of the charge-ordered phase in $\text{La}_{1-x}\text{Mn}_x\text{O}_{3+\delta}$. Physical Review B, 2009, 79, .	1.1	31
62	On the correlation between the X-ray absorption chemical shift and the formal valence state in mixed-valence manganites. Journal of Synchrotron Radiation, 2010, 17, 386-392.	1.0	31
63	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. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1171-1172.	1.0	30
64	Structure and magnetic properties of LaMn _{1-x} Mg _x O ₃ compounds. Physical Review B, 2004, 70, .	1.1	30
65	Enhancement of ferromagnetic correlations on multiferroic TbMnO ₃ by replacing Mn with Co. Journal of Physics Condensed Matter, 2012, 24, 455601.	0.7	30
66	Analysis of the x-ray-absorption near-edge-structure spectra of La _{1-x} Nd _x NiO ₃ and LaNi _{1-x} FexO ₃ perovskites at the nickel K-edge. Physical Review B, 1995, 52, 15823-15828.	1.1	29
67	Stability of the tetragonal Mn ³⁺ O ₆ distortions in the LaMn _{1-x} GaxO ₃ series by x-ray absorption spectroscopy. Physical Review B, 2004, 69, .	1.1	29
68	Reexamination of the Temperature Dependences of Resonant Reflections in Highly Stoichiometric Magnetite. Physical Review Letters, 2009, 102, 176405.	2.9	29
69	An experimental and theoretical study of multi-electron excitations at the L ₃ absorption edge in some rare earth alloys and their hydrides. Chemical Physics Letters, 1990, 174, 389-395.	1.2	28
70	Study of Structural, Magnetic, and Electrical Properties of La _{2/3} Ca _{1/3} Mn _{1-x} In _x O ₃ Perovskites. Journal of Solid State Chemistry, 1998, 138, 226-231.	1.4	28
71	Grazing-incidence diffraction anomalous fine structure of InAs/InP(001) self-assembled quantum wires. Europhysics Letters, 2002, 57, 499-505.	0.7	28
72	Structural and magnetic details of 3d-element doped Sr ₂ Fe _{0.75} Ti _{0.25} MoO ₆ . Solid State Sciences, 2004, 6, 419-431.	1.5	28

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73	Stable cubic spinels in the Zn ²⁺ Mn ²⁺ O system in air. Journal of Solid State Chemistry, 2006, 179, 2199-2205.	1.4	28
74	Properties and phase transition of the ordered perovskite Pb ₂ MnWO ₆ . Journal of Physics Condensed Matter, 2006, 18, 2261-2271.	0.7	27
75	Ordered magnetic transitions in Co _x Fe _{1-x} O $\text{Co}_x\text{Fe}_{1-x}\text{O}$	1.1	27
76	A comparative study of the crystallographic, magnetic and electrical properties of the Nd _{1-x} La _x NiO ₃ -deltasystem. Journal of Physics Condensed Matter, 1994, 6, 10759-10772.	0.7	26
77	Thermophysical properties of intermetallic Mn ₃ MC perovskites I. Heat capacity of manganese gallium carbide Mn ₃ GaC. Journal of Chemical Thermodynamics, 1983, 15, 1059-1069.	1.0	25
78	Relationships between Structure and Physical Properties in SmNi _{1-x} CoxO ₃ . Journal of Solid State Chemistry, 2000, 150, 145-153.	1.4	25
79	Polarized x-ray absorption spectra of La _{1-x} Sr _{1+x} MnO ₄ : Electronic state of Mn atoms. Physical Review B, 2005, 72, .	1.1	25
80	Checkerboard-ordered pattern of Bi _{0.5} Sr _{0.5} MnO ₃ low-temperature phase probed by x-ray resonant scattering. Physical Review B, 2006, 73, .	1.1	25
81	Giant magnetoresistance in bulk. Solid State Communications, 1995, 96, 627-630.	0.9	24
82	Hard x-ray probe to study doping-dependent electron redistribution and strong covalency in La _{1-x} Sr _{1+x} MnO ₄ . Physical Review B, 2010, 82, .	1.1	24
83	XAS study of the reversible reactivity mechanism of micro- and nanostructured electrodeposited Cu ₂ O thin films towards lithium. Journal of Materials Chemistry, 2011, 21, 5368.	6.7	24
84	Structural changes at the semiconductor-insulator phase transition in the single-layered perovskite $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$	1.1	24
85	Lattice site of manganese in LiNbO ₃ : An EXAFS study. Solid State Communications, 1989, 71, 243-246.	0.9	23
86	Microscopic investigation of the strain distribution in InGaAs/GaAs quantum well structures grown by molecular beam epitaxy. Journal of Crystal Growth, 1993, 127, 592-595.	0.7	23
87	Glancing-angle extended x-ray absorption fine structure study of strained InGaAs/GaAs heterostructures. Journal of Applied Physics, 1995, 78, 6574-6583.	1.1	23
88	Local structure study of Co-doped indium oxide and indium-tin oxide thin films using x-ray absorption spectroscopy. Physical Review B, 2009, 79, .	1.1	23
89	Specific heat of the cubic metallic perovskites Mn ₃ ZnN and Mn ₃ GaN. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 1155-1156.	1.0	22
90	Correlation between magnetovolume and giant magnetoresistance effects in doped La _{2/3} Ca _{1/3} MnO ₃ perovskites. Journal of Applied Physics, 1996, 79, 5175.	1.1	22

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91	Metal-Insulator Transition and Magnetic Properties of $\text{La}_{1-x}\text{Eu}_x\text{NiO}_3$ ($0 \leq x \leq 1$). Journal of Solid State Chemistry, 2000, 151, 1-11.	1.4	22
92	Thermophysical properties of the intermetallic Mn_3Mn perovskites I. Heat capacity of the manganese nitride Mn_4N . Journal of Chemical Thermodynamics, 1983, 15, 465-473.	1.0	21
93	Effects of Ga doping in $\text{La}_2/3\text{Sr}_1/3\text{MnO}_3$. Physical Review B, 2003, 68, .	1.1	21
94	Origin of the resonant x-ray scattering in LaMnO_3 . Physical Review B, 2007, 75, .	1.1	21
95	Electronic and magnetic phase diagram of $\text{SmNi}_{1-x}\text{Co}_x\text{O}_3$. Physical Review B, 1999, 59, 14424-14431.	1.1	20
96	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. Journal of Physics Condensed Matter, 2002, 14, 5017-5033.	0.7	20
97	X-ray resonant scattering of $(004n+2)$ forbidden reflections in spinel ferrites. Physical Review B, 2004, 70, .	1.1	20
98	Structural effects of Sc doping on the multiferroic TbMnO_3 . Physical Review B, 2010, 81, .	1.1	20
99	Structural distortion, charge modulation and local anisotropies in magnetite below the Verwey transition using resonant X-ray scattering. Journal of Synchrotron Radiation, 2012, 19, 159-173.	1.0	20
100	Structural properties in $\text{R}_2\text{Mn}_4\text{O}_{10}$ compounds ($\text{R} = \text{La, Tb, Pr, Nd, Sm, Eu, Gd, Dy, Ho, Er, Y, Lu}$). Physical Review B, 2011, 84, .	1.1	20
101	Catalytic and structural properties of ruthenium monometallic and bimetallic catalysts: characterization by EXAFS and XRD. Journal of Molecular Catalysis A, 1995, 96, 65-75.	4.8	19
102	The effect of hydrogen absorption on the structural, electronic and magnetic properties of the C_{15} Friauf-Laves phase compounds CeFe_2 , CeRu_2 and LaRu_2 : An X-ray absorption spectroscopy study. Journal of Magnetism and Magnetic Materials, 1997, 166, 149-164.	1.0	19
103	Lack of Jahn-Teller distortion in highly diluted $\text{LaMn}_{1-x}\text{GaxO}_3$ ($x > 0.6$). Physical Review B, 2006, 73, .	1.1	19
104	Effects of Al substitution on the multiferroic properties of TbMnO_3 . Physical Review B, 2012, 86, .	1.1	19
105	SOFT X-RAY ABSORPTION SPECTROSCOPY ($\text{Mn}_{L_{2,3}}$ AND O_{K}) IN MIXED VALENCE MANGANITES. Surface Review and Letters, 2002, 09, 1071-1078.	0.5	18
106	Double stripe ordering in $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ determined by resonant soft x-ray scattering. Physical Review B, 2006, 73, .	1.1	18
107	Phase-separated states in high-pressure LaMnO_3 . Physical Review B, 2009, 80, .	1.1	18
108	Thermophysical properties of the intermetallic Mn_3Mn perovskites II. Heat capacity of manganese zinc nitride: Mn_3ZnN and manganese gallium nitride: Mn_3GaN . Journal of Chemical Thermodynamics, 1983, 15, 1041-1057.	1.0	16

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109	Magnetic properties of $\text{Nd}_{1-x}\text{Co}_x\text{O}_3$ samples: Evidence of spin-glass behavior. <i>Physical Review B</i> , 1995, 51, 3569-3574.	1.1	16
110	X-ray absorption spectroscopic study on A_2FeReO_6 double perovskites. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 4963-4976.	0.7	16
111	A magnetic Kosterlitz-Thouless transition in quasi 2-d MnRhAs ?. <i>Journal of Magnetism and Magnetic Materials</i> , 1986, 54-57, 1547-1548.	1.0	15
112	Characterization of $\text{XMoO}_3 \cdot \text{YNiO}$ /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.	0.9	15
113	Structure, magnetic and electrical properties in $\text{Nd}_{1-x}\text{La}_x\text{NiO}_3$ system. <i>Solid State Ionics</i> , 1993, 63-65, 593-598.	1.3	15
114	Strong local lattice instability in hexagonal ferrites Fe_2O_3		

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127	Structural properties of charge disproportionation and magnetic order in $\text{Ln}_2\text{Sr}_2\text{Mn}_2\text{O}_{10}$ (Ln=La, Pr, and Nd). Physical Review B, 2018, 98, .		
128	Magnetic susceptibility, magnetization and specific heat of $\text{Mn}_3.2\text{Ga}_0.8\text{N}$. Journal of Magnetism and Magnetic Materials, 1985, 51, 365-374.	1.0	11
129	Suppression of metal-semiconductor transition in NdNiO_3 samples doped with Cu. Solid State Communications, 1994, 91, 381-386.	0.9	11
130	Intermediate valence state of Ce in $\text{Ce}_2\text{Fe}_{14}\text{B}$. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1213-1214.	1.0	11
131	Comment on "X-ray resonant scattering studies of orbital and charge ordering in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ ". Physical Review B, 2003, 68, .	1.1	11
132	A Quantitative XANES Analysis of the Calcium High-Affinity Binding Site of the Purple Membrane. Biophysical Journal, 2004, 87, 513-520.	0.2	11
133	X-ray absorption and molecular dynamics study of cation binding sites in the purple membrane. Proteins: Structure, Function and Bioinformatics, 2007, 67, 360-374.	1.5	11
134	Order-disorder nature of the antiferroelectric transition in Pb_2MnWO_6 . Journal of Physics Condensed Matter, 2009, 21, 075903.	0.7	11
135	A new type of antiferrodistortive structure in a double perovskite with Pb. Dalton Transactions, 2011, 40, 3211.	1.6	11
136	Spin glass like behaviour of the solid solution $\text{Mn}_3.2\text{Ga}_0.8\text{N}$. Journal of Magnetism and Magnetic Materials, 1983, 31-34, 1401-1403.	1.0	10
137	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 . Solid State Communications, 1992, 82, 939-944.	0.9	10
138	Correlation between mixed valence behaviour of cerium and the magnetic and superconducting phenomena of CeFe_2 and CeRu_2 . Journal of Magnetism and Magnetic Materials, 1992, 104-107, 661-662.	1.0	10
139	EXAFS study of monometallic and bimetallic ruthenium based catalysts: Ge K-edge environment in $\text{RuGe}/\text{Al}_2\text{O}_3$ and structural effects of CO adsorption. Journal of Molecular Catalysis A, 1996, 108, 95-105.	4.8	10
140	Incommensurate Sinusoidal Oxygen Modulations in Layered Manganites $\text{La}_x\text{Sr}_{1-x}\text{MnO}_3$		

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145	Low-temperature specific heat measurements on the NdCo Fe ₁ -O ₃ system. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 2159-2160.	1.0	9
146	Is ball milling a worthy route to produce magnetic semiconductors?. Journal of Magnetism and Magnetic Materials, 2007, 316, e195-e198.	1.0	9
147	The transition from ferromagnet to cluster-glass in La ^{1-x} Tb ^x Mn _{1/2} Sc _{1/2} O ₃ . Journal of Physics Condensed Matter, 2012, 24, 076006.	0.7	9
148	LOCAL STRUCTURE IN SiO ₂ GLASSES BY OXYGEN K EDGE XANES. Journal De Physique Colloque, 1985, 46, C8-107-C8-112.	0.2	8
149	Structural and physical characterization of NdNiO ₃ synthesized by a sol-gel method. Solid State Ionics, 1993, 63-65, 585-592.	1.3	8
150	Magnetic properties of SmNiO ₃ . Journal of Magnetism and Magnetic Materials, 1999, 196-197, 541-542.	1.0	8
151	Comment on "X-Ray Anomalous Scattering Study of a Charge-Ordered State in NaV ₂ O ₅ ". Physical Review Letters, 2001, 87, .	2.9	8
152	Glancing-angle diffraction anomalous fine structure of InAs quantum dots and quantum wires. Journal of Synchrotron Radiation, 2001, 8, 536-538.	1.0	8
153	Glancing angle EXAFS of encapsulated self-assembled InAs/InP quantum wires and InAs/GaAs quantum dots. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 101, 174-180.	1.7	8
154	Resonant x-ray scattering study of layered $TbBaCo_{1-x}Mn_xO_{7-\delta}$. Physical Review B, 2008, 78, .	1.1	8
155	Pressure-induced magnetic transition in Fe ₃ O ₄ and CoFe ₂ O ₄ spinels. Journal of Physics: Conference Series, 2009, 190, 012089.	0.3	8
156	Determination of the sequence and magnitude of charge order in $LuFe_{1-x}Mn_xO_{7-\delta}$ by resonant x-ray scattering. Physical Review B, 2014, 90, .	1.1	8
157	Thermophysical properties of the intermetallic Mn ₃ Mn perovskites III. Heat capacity of the solid solution Mn _{3.2} Ga _{0.8} N. Journal of Chemical Thermodynamics, 1983, 15, 1169-1180.	1.0	7
158	Magnetic energy absorption in sintered YBa ₂ Cu ₃ O _{7-δ} samples. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1533-1534.	0.6	7
159	EXAFS study of catalyst preparation procedure in Ni-silica and Ni-titania. Physica B: Condensed Matter, 1989, 158, 174-175.	1.3	7
160	Structural study of TiIV exchanged K10-montmorillonite by XRD, EXAFS and XANES. Journal of Molecular Catalysis, 1994, 92, 311-324.	1.2	7
161	X-Ray absorption spectroscopy investigation on the structure of methyl acrylate-TiCl ₄ complexes in solution. Journal of the Chemical Society Chemical Communications, 1994, , 2165-2166.	2.0	7
162	Investigation of Dienophile-TiCl ₄ Complexation by Means of X-ray Absorption and ¹³ C-NMR Spectroscopies. Journal of Organic Chemistry, 1996, 61, 1636-1642.	1.7	7

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164	Effect of Ga substitution on the optical properties of La-Sr manganites. <i>Physical Review B</i> , 2008, 77, .	1.1	7
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