

Christine Martin

List of Publications by Year in descending order

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309
papers

11,789
citations

28736

57
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45040

94
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320
all docs

320
docs citations

320
times ranked

6782
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe _{4-x} Ni _x Nb ₂ O ₉ (x ≈ 1): Nickel impact on the magnetoelectric properties of Fe ₄ Nb ₂ O ₉ . Solid State Sciences, 2022, 125, 106821.	1.5	1
2	Room-temperature tuning of magnetic anisotropy in samarium-thulium orthoferrites. Physical Review B, 2022, 105, .	1.1	1
3	Fe ₂ Co ₂ Nb ₂ O ₉ : a magnetoelectric honeycomb antiferromagnet. Journal of Materials Chemistry C, 2021, 9, 14236-14246.	2.7	8
4	High temperature spin-driven multiferroicity in ludwigite chromocuprate Cu ₂ CrBO ₅ . Applied Physics Letters, 2021, 118, 192903.	1.5	7
5	Signs of superparamagnetic cluster formation in Lu ₃ Fe ₃ O ₁₀ perovskites evidenced by magnetization reversal and Monte Carlo simulations. Physical Review B, 2021, 103, .	1.1	7
6	Cationic Ordering, Solid Solution Domain, and Diffuse Reflectance in Fe ₂ WO ₆ Polymorphs. Journal of Physical Chemistry C, 2021, 125, 25907-25916.	1.5	5
7	Electronic structure of CaMn _{1-x} Nb _x O ₃ (x=0.02, 0.04, 0.06 and 0.08) perovskites. Self-organization of terminal layers. Journal of Alloys and Compounds, 2020, 820, 153106.	2.8	7
8	Spin-Induced Multiferroic Behavior in Centrosymmetric Mn ₃ WO ₆ . Chemistry of Materials, 2020, 32, 5664-5669.	3.2	4
9	Magnetic phase diagram for Fe _{3-x} MnxBO ₅ . Physical Review B, 2020, 101, .	1.1	10
10	Original Network of Zigzag Chains in the $\hat{\Gamma}^2$ Polymorph of Fe ₂ WO ₆ : Crystal Structure and Magnetic Ordering. Inorganic Chemistry, 2020, 59, 9798-9806.	1.9	4
11	Lack of linear magnetoelectric effect in ferrimagnetic distorted honeycomb Ni ₄ Nb ₂ O ₉ . Journal of Applied Physics, 2020, 127, .	1.1	11
12	Disorder and magnetic excitations in CaCr ₂ Fe _x O ₁₀ perovskites. Physical Review B, 2020, 101, .	1.1	5
13	Structural and magnetic characterization of barbosalite Fe ₃ (PO ₄) ₂ (OH) ₂ . Journal of Solid State Chemistry, 2020, 287, 121357.	1.4	5
14	Mn ₂ TeO ₆ : Complex antiferromagnetism as a consequence of the Jahn-Teller distortion. Physical Review B, 2019, 100, .	1.1	2
15	Ag ₂ CrO ₄ for photocatalytic applications: High performance of crystals designed by autogenous pressure. Materials Characterization, 2019, 158, 109970.	1.9	5
16	Sr ₂ Fe _{1+x} Re _{1-x} O ₆ double perovskites: magnetoresistance and (magneto)thermopower. Chemical Communications, 2019, 55, 5878-5881.	2.2	7
17	An electrochemical cell for <i>operando</i> bench-top X-ray diffraction. Journal of Applied Crystallography, 2019, 52, 485-490.	1.9	11
18	Study of phase separation phenomena in half-doped manganites with isovalent substitution of rare-earth cations on example of Sm _{0.32} ...	1.1	14

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19	Spin-orbit coupling and crystal-field distortions for a low-spin d^3 state in $BaCoO_3$. Physical Review B, 2019, 100, .	1.1	49
20	Magnetic transitions in $BiMnTeO_6$: A multiaxis Ising antiferromagnet. Physical Review B, 2019, 100, .	1.1	5
21	Magnetic transitions in $CaMnO_{12}$: Raman observation of spin-phonon couplings. Physical Review B, 2019, 99, .	1.1	5
22	Advantage of low-temperature hydrothermal synthesis to grow stoichiometric crednerite crystals. Solid State Sciences, 2018, 80, 39-45.	1.5	7
23	Reversed exchange-bias effect associated with magnetization reversal in the weak ferrimagnet $LuFe_4O_9$. Physical Review B, 2018, 97, .	1.1	45
24	Hydrothermal synthesis of crednerite $CuMn_2O_7$ ($M = Mg, Al$): structural characterisation and magnetic properties. Journal of Materials Science, 2018, 53, 2389-2395.	1.1	30
25	Hydrothermal synthesis of crednerite $CuMn_2O_7$ ($M = Mg, Al$): structural characterisation and magnetic properties. Journal of Materials Science, 2018, 53, 2389-2395.	1.7	6
26	P-T Phase Diagram of $LuFe_2O_4$. Crystals, 2018, 8, 184.	1.0	2
27	Spin reorientation and metamagnetic transitions in $LuFe_2O_4$. Physical Review B, 2018, 97, .	1.1	45
28	Playing with the Redox Potentials in Ludwigite Oxyborates: Fe_3BO_5 and Cu_2MBO_5 ($M = Fe, Mn, \text{ and } Cr$). Journal of Physical Chemistry C, 2018, 122, 17042-17048.	1.5	19
29	Nonlinear magnetoelectric coupling in the honeycomb $LuFe_4O_9$. Physical Review B, 2018, 97, .	0.9	21
30	Mixed valence transition metal 2D-oxides: Comparison between delafossite and crednerite compounds. Journal of Crystal Growth, 2017, 472, 71-75.	0.7	9
31	Topochemical Approach for Transition-Metal Exchange Assisted by Copper Extrusion: from Cu_2FeBO_5 to Fe_3BO_5 . Inorganic Chemistry, 2017, 56, 2375-2378.	1.9	4
32	Charge ordering and multiferroicity in Fe_3BO_5 and Fe_2MnBO_5 oxyborates. Journal of Solid State Chemistry, 2017, 246, 209-213.	1.4	12
33	Revisiting Hollandites: Channels Filling by Main-Group Elements Together with Transition Metals in $Bi_2V_8O_{16}$. Chemistry of Materials, 2017, 29, 5558-5565.	3.2	4
34	Doping-Dependent Magnetism and Exchange Bias in $CaMnReO_3$. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	2
35	Exchange bias effect in $CaMnReO_3$. AIP Advances, 2017, 7, 055801.	0.6	2
36	Phase transitions and magnetic properties of $LuFe_2O_7$ under pressure. Physical Review B, 2017, 96, .	1.1	4

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37	Mn ₂ TeO ₆ : a Distorted Inverse Trirutile Structure. Inorganic Chemistry, 2017, 56, 9742-9753.	1.9	11
38	Electrochemical activity in oxyborates toward lithium. Journal of Solid State Chemistry, 2017, 255, 167-171.	1.4	10
39	Spin dynamics in the distorted triangular lattice antiferromagnet $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \hat{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\sim} \langle \text{mml:mo} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle . \text{Physical Review B, 2017, 96, .}$	1.1	3
40	Localised Ag ⁺ vibrations at the origin of ultralow thermal conductivity in layered thermoelectric AgCrSe ₂ . Scientific Reports, 2016, 6, 23415.	1.6	34
41	Structural and magnetic properties of Zn Mn ₃ Al ₂ O ₄ spinels. Journal of Magnetism and Magnetic Materials, 2016, 413, 89-96.	1.0	21
42	Spin reorientation, magnetization reversal, and negative thermal expansion observed in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle F \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 0.5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0.5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle r \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0.5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Magnetization reversal in mixed ferrite-chromite perovskites with non magnetic cation on the A-site. Journal of Physics Condensed Matter, 2016, 28, 476003.$	1.1	64
43	Magnetization reversal in mixed ferrite-chromite perovskites with non magnetic cation on the A-site. Journal of Physics Condensed Matter, 2016, 28, 476003.	0.7	19
44	Exchange bias training effect in phase separated polycrystalline Sm _{0.1} Ca _{0.7} Sr _{0.2} MnO ₃ . Materials Chemistry and Physics, 2016, 184, 49-56.	2.0	7
45	Modulated spin helicity stabilized by incommensurate orbital density waves in a quadruple perovskite manganite. Physical Review B, 2016, 93, .	1.1	27
46	Robustness of Antiferromagnetism and Pyroelectricity in AgCr _{1-x} Rh _x S ₂ . Chemistry of Materials, 2016, 28, 1816-1822.	3.2	2
47	Hydrothermal synthesis for new multifunctional materials: A few examples of phosphates and phosphonate-based hybrid materials. Journal of Solid State Chemistry, 2016, 236, 236-245.	1.4	17
48	High-pressure polymorph of LuFe ₂ O ₄ with room-temperature antiferromagnetic order. Physical Review B, 2015, 91, .	1.1	5
49	Evolution of magnetic properties of CaMn _{1-x} Nb _x O ₃ with Nb-doping. Journal Physics D: Applied Physics, 2015, 48, 325003.	1.3	6
50	Random dilution effects in the frustrated spin chain $\hat{\sim}$ CaCr _{2-x} Sc _x O ₄ . Physical Review B, 2015, 91, .	1.1	3
51	Exchange bias effect in CaMn _{0.9} Nb _{0.1} O ₃ . Materials Chemistry and Physics, 2015, 164, 170-176.	2.0	1
52	Rare earth ferrites LuFe ₂ O _{4-x} polymorphism, polytypism and metastable phases. Solid State Sciences, 2015, 48, A1-A16.	1.5	7
53	Unconventional exchange bias effect driven by phase separation in basically antiferromagnetic Sm _{0.1} Ca _{0.6} Sr _{0.3} MnO ₃ . Journal of Alloys and Compounds, 2015, 622, 213-218.	2.8	4
54	Polar space group and complex magnetism in Ni _{1-x} (HPO ₃) ₈ (OH) ₆ : towards a new multiferroic material?. Solid State Sciences, 2015, 39, 92-96.	1.5	7

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55	Phase equilibria in the Zn-Mn-O system. Journal of the European Ceramic Society, 2015, 35, 555-560.	2.8	10
56	Multiferroics and Magnetolectrics: A Comparison between Some Chromites and Cobaltites. Chemistry of Materials, 2014, 26, 830-836.	3.2	52
57	Quadrupole splitting and isomer shifts in Te oxides investigated using nuclear forward scattering. Hyperfine Interactions, 2014, 226, 713-719.	0.2	5
58	Observation of electric polarization reversal and magnetodielectric effect in orthochromites: A comparison between LuCrO_3 and ErCrO_3 . Physical Review B, 2014, 89, .	1.1	4
59	Oxygen storage capacity and structural flexibility of $\text{LuFe}_2\text{O}_4+x\text{O}$ ($0 \leq x \leq 0.5$). Nature Materials, 2014, 13, 74-80.	13.3	59
60	ZrSe ₃ -Type Variant of TiS ₃ : Structure and Thermoelectric Properties. Chemistry of Materials, 2014, 26, 5585-5591.	3.2	44
61	Valence-band study of SmO_3 using high-resolution ultraviolet photoelectron spectroscopy. Physical Review B, 2014, 89, .	1.1	4
62	Nanostructures in LuFe_2O_4 . Solid State Sciences, 2013, 23, 26-34.	1.5	7
63	Equation of state of CaMnO_3 : a combined experimental and computational study. Applied Physics A: Materials Science and Processing, 2013, 112, 839-845.	1.1	12
64	Pressure-tuned exchange bias and coercivity in Ru-doped CaMnO_3 . Physical Review B, 2013, 88, .	1.1	17
65	Hydrothermal Synthesis of AgCrO_2 Delafossite in Supercritical Water: A New Single-Step Process. Chemistry of Materials, 2013, 25, 2083-2088.	3.2	31
66	Pressure effect on the magnetic order of LuFe_2O_4 . Applied Physics Letters, 2013, 103, 082907.	1.5	6
67	Magnetic couplings in the quasi-2D triangular Heisenberg antiferromagnets $\text{A}\pm\text{ACr}_2\text{O}_4$ (A=Ca, Sr, Ba). Journal of Magnetism and Magnetic Materials, 2013, 330, 111-118.	1.0	4
68	From spin induced ferroelectricity to spin and dipolar glass in a triangular lattice: The $\text{CuCr}_1-x\text{V}_x\text{O}_2$ ($0 \leq x \leq 0.5$) delafossite. Journal of Solid State Chemistry, 2013, 203, 37-43.	1.4	14
69	Spin dynamics in the unconventional multiferroic AgCrS_2 . Physical Review B, 2013, 87, .	1.1	14
70	Magnetic and magnetodielectric properties of erbium iron garnet ceramic. Journal of Applied Physics, 2013, 113, .	1.1	17
71	Evidence of oxygen-dependent modulation in LuFe_2O_4 . Physical Review B, 2012, 85, .	1.1	34
72	Evidence of magnetic phase separation in LuFe_2O_4 . Physical Review B, 2012, 86, .	1.1	22

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91	The spin glass delafossite CuFe _{0.5} V _{0.5} O ₂ : a dipolar glass?. Journal of Physics Condensed Matter, 2011, 23, 126005.	0.7	10
92	FeCr ₂ O ₄ and CoCr ₂ O ₄ spinels: Multiferroicity in the collinear magnetic state?. Applied Physics Letters, 2011, 99, .	1.5	124
93	Structural and magnetic phase transitions in Pr _{0.15} Sr _{0.85} MnO ₃ at high pressure. European Physical Journal B, 2010, 77, 407-411.	0.6	9
94	Spin-driven ferroelectricity in the delafossite CuFe _{1-x} Rh _x O ₂ (0 ≤ x ≤ 0.15). Journal of Solid State Chemistry, 2010, 183, 344-349.	1.4	43
95	Electronic structure of from photoemission and inverse photoemission spectroscopies. Physica B: Condensed Matter, 2010, 405, 186-191.	1.3	8
96	Evolution of the conducting phase topology at the percolation threshold in colossal magnetoresistance manganites: A magnetic small-angle neutron scattering study. Physical Review B, 2010, 82, .	1.1	14
97	Metal to insulator transition in then-type hollandite vanadate Pb _{1.6} V ₈ O ₁₆ . Physical Review B, 2010, 82, .	1.1	10
98	Pressure-Induced Structural Transition in LuFe ₂ O ₄ : Towards a New Charge Ordered State. Physical Review Letters, 2010, 105, 237203.	2.9	15
99	Magnetoelastic coupling in the frustrated antiferromagnetic triangular lattice CuMnO_2 Physical Review B, 2010, 82, .	1.1	25
100	Lattice parameters and orthorhombic distortion of CaMnO ₃ . Powder Diffraction, 2010, 25, 46-59.	0.4	39
101	Size effect on the magnetic properties of antiferromagnetic $\text{La}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$ Physical Review B, 2010, 81, .	1.1	61
102	Specific heat and magnetic order of La _{0.2} Ca _{0.8} MnO ₃ . Journal of Applied Physics, 2010, 107, 063907.	1.1	7
103	Negative magnetoresistance in a V ³⁺ /V ⁴⁺ mixed valent vanadate. Applied Physics Letters, 2010, 96, 232502.	1.5	1
104	Zigzag ladders with staggered magnetic chirality in the S_3 compound $\text{La}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$ Physical Review B, 2010, 81, .	1.1	44
105	Spin dynamics in the geometrically frustrated multiferroic CuCrO_2 Physical Review B, 2010, 81, .	1.1	88
106	10.1007/s11451-008-2010-3. , 2010, 50, 275.		0
107	Ising Magnetism and Ferroelectricity in Ca ₃ CoMnO ₆ . Physical Review Letters, 2009, 102, 026404.	2.9	117
108	Magnetolectric coupling in polycrystalline FeVO_4 Physical Review B, 2009, 80, .	1.1	21

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109	Electronic structure and thermoelectric properties of CuRh . Physical Review B, 2009, 80, .	1.1	50
110	Derivation of the heat capacity anomaly at a first-order transition by using a semi-adiabatic relaxation technique. Journal of Physics Condensed Matter, 2009, 21, 075403.	0.7	32
111	Thermoelectric Oxides: Effect of Doping in Delafossites and Zinc Oxide. Journal of Electronic Materials, 2009, 38, 1104-1108.	1.0	54
112	On the strong impact of doping in the triangular antiferromagnet CuCrO_2 . Solid State Communications, 2009, 149, 962-967.	0.9	73
113	Complex magnetic order in quasi-one-dimensional compound $\text{Ca}_3\text{Co}_2\text{O}_6$. Physica B: Condensed Matter, 2009, 404, 603-606.	1.3	6
114	Electron-doped $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ perovskite manganites: Crystal and magnetic structures and physical properties. Journal of Magnetism and Magnetic Materials, 2009, 321, 2601-2606.	1.0	10
115	Magnetic study of $\text{CaMn}_{0.96}\text{Mo}_{0.04}\text{O}_3$, canting vs. phase separation. Journal of Magnetism and Magnetic Materials, 2009, 321, 3938-3944.	1.0	8
116	Multiferroicity and spiral magnetism in FeVO quenched Fe orbital moments. Physical Review B, 2009, 80, .	4.1	138
117	Spin-lattice coupling induced phase transition in the $S=2$ frustrated antiferromagnet CuMnO_2 . Physical Review B, 2009, 80, .	1.1	47
118	Structural and magnetic properties of CuCr neutron powder diffraction. Physical Review B, 2009, 79, .	1.1	11
119	AgCrS_2 : A Spin Driven Ferroelectric. Chemistry of Materials, 2009, 21, 5007-5009.	3.2	54
120	Correlation of phase diagrams and spontaneous magnetization jumps in low-bandwidth manganites. Journal of Physics: Conference Series, 2009, 150, 042081.	0.3	4
121	Decrypting the TEM Images for Deciphering the Microstructural Code of Complex Oxides. Chemistry - A European Journal, 2008, 14, 794-805.	1.7	0
122	Crystal and magnetic structures and physical properties of the $\text{Sm}_{0.37}\text{Sr}_{0.63}\text{MnO}_3$ manganite. Physics of the Solid State, 2008, 50, 275-282.	0.2	3
123	Magnetic field induced ferroelectric loop in $\text{Bi}_{0.75}\text{Sr}_{0.25}\text{FeO}_3$. Applied Physics Letters, 2008, 92, .	1.5	84
124	Oxygen Vacancy Ordering in the Double-layered Ruddlesden-Popper Cobaltite $\text{Sm}_2\text{BaCo}_2\text{O}_{7-x}$. Chemistry of Materials, 2008, 20, 6231-6237.	3.2	14
125	$\text{Sm}_{0.45}\text{Sr}_{0.55}\text{MnO}_3$: crystal and magnetic structure studied by neutron powder diffraction. Journal of Physics Condensed Matter, 2008, 20, 104233.	0.7	9
126	Phase separation and magnetoresistivity in $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{Sr}_x\text{MnO}_3$. Physical	1.1	9

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127	Magnetic properties of electron doped $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{Ba}_{1-y}\text{MnO}_3$ ($y=0.02, 0.06$) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. Journal of Applied Physics, 2008, 104, 043921.	1.1	5
128	Pseudogap behavior of phase-separated $\text{Sm}_{1-x}\text{Mn}_x\text{O}_3$. A comparative photoemission study with double exchange. Physical Review B, 2008, 77, .	1.1	39
129	Effect of magnetic field and temperature on the ferroelectric loop in MnWO_4 . Physical Review B, 2008, 77, .	1.1	4
130	Phase diagram of the spinel oxide MnV_2O_7 . Physical Review B, 2008, 78, .	1.1	84
131	Magnetic correlations and spin dynamics in $\text{CaMn}_{0.96}\text{Mo}_{0.04}\text{O}_3$ manganite compound: EPR study. Journal of Applied Physics, 2008, 103, 07F720.	1.1	4
132	Correlation of structural, magnetic and transport properties with the tolerance factor in a low-doped $\text{La}_{0.875}\text{Sr}_{0.125}\text{Ca}_x\text{MnO}_3$ ($0 \leq x \leq 0.125$) system: cross-over from Mott to Shklovskii-Efros variable range hopping conduction. Journal of Physics Condensed Matter, 2007, 19, 266218.	0.7	9
133	Anomalous thermal properties and local lattice effects in low doped manganites $\text{La}_{0.875}\text{Ca}_{0.125}\text{MnO}_3$ and $\text{La}_{0.875}\text{Ca}_{0.0625}\text{Sr}_{0.0625}\text{MnO}_3$. Journal Physics D: Applied Physics, 2007, 40, 3728-3732.	1.3	4
134	Small-angle neutron scattering study of the steplike magnetic transformation in $\text{Pr}_{0.70}\text{Ca}_{0.30}\text{MnO}_3$. Physical Review B, 2007, 75, .	1.1	13
135	Structure of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$. Pressure induced antiferromagnetism and compression anisotropy in $\text{Pr}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$. Physical Review B, 2007, 75, .	1.1	13
136	Pressure induced antiferromagnetism and compression anisotropy in $\text{Pr}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$. Physical Review B, 2007, 75, .	1.1	13
137	Characterization and electronic structure calculations of the antiferromagnetic insulator $\text{Ca}_3\text{FeRhO}_6$. Physical Review B, 2007, 75, .	1.1	6
138	Structural phase transition and magnetism in hexagonal SrMnO_3 by magnetization measurements and by electron, x-ray, and neutron diffraction studies. Physical Review B, 2007, 75, .	1.1	44
139	Thermoelectric properties of perovskites: Sign change of the Seebeck coefficient and high temperature properties. Progress in Solid State Chemistry, 2007, 35, 457-467.	3.9	69
140	Structural and Magnetic Transitions in $\text{CaMn}_{1-x}\text{W}_x\text{O}_3$. Chemistry of Materials, 2007, 19, 4243-4251.	3.2	31
141	Colossal magnetoresistance manganites: importance of the cooperative phenomena. Journal of Materials Chemistry, 2007, 17, 5023.	6.7	16
142	Coupled negative magnetocapacitance and magnetic susceptibility in a Kagomé staircase-like compound $\text{Co}_3\text{V}_2\text{O}_8$. Journal of Physics Condensed Matter, 2007, 19, 056001.	0.7	26
143	Ferromagnetic clustering and ordering in manganese deficient : An EMR probe. Journal of Magnetism and Magnetic Materials, 2007, 310, 1607-1609.	1.0	2
144	Pressure effect on magnetism in phase-separated Cr-doped $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ manganites. Journal of Magnetism and Magnetic Materials, 2007, 316, e636-e639.	1.0	5

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145	Ferromagnetic ordering in $\text{LaMn}_{1-x}\text{O}_3$ manganites: EMR probing. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e640-e643.	1.0	5
146	Correlation between phase diagrams and spontaneous magnetization jumps in narrow-band manganites. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 1061-1062.	0.1	1
147	Electron Magnetic Resonance, Neutron Diffraction and ac Susceptibility Study of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ($x = 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9$). <i>Journal of Applied Physics</i> , 2006, 99, 08Q304.	0.8	14
148	Avalanches, irreversibility, and phase separation in Co-substituted $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$. <i>Physical Review B</i> , 2006, 74, .	1.1	34
149	Instability of magnetism in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ($x=0.015, 0.03$): Competition between pressure and thermal cycling effects. <i>Physical Review B</i> , 2006, 73, .	1.1	20
150	Long-pulse magnetic field facility at Zaragoza. <i>Journal of Physics: Conference Series</i> , 2006, 51, 607-610.	0.3	2
151	Thermoelectric oxides: important role of the transition metal spin states. , 2006, , .		0
152	Coupled Cation and Charge Ordering in the CaMn_3O_6 Tunnel Structure. <i>Chemistry of Materials</i> , 2006, 18, 5530-5536.	3.2	39
153	Ru doping of the Mn site in $\text{La}_{0.4}\text{Ca}_{0.6}\text{MnO}_3$ perovskite: Electron magnetic resonance study of electronic and magnetic ordering. <i>Journal of Applied Physics</i> , 2006, 99, 08Q304.	1.1	2
154	Energetics of charge order transition in. <i>Journal of Solid State Chemistry</i> , 2006, 179, 3798-3804.	1.4	10
155	Dielectric catastrophe at the magnetic field induced insulator to metal transition in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x=0.30, 0.37$) crystals. <i>European Physical Journal B</i> , 2006, 52, 199-203.	0.6	18
156	Transport and magnetic properties of $\text{Pr}_{1-x}\text{Ca}_x\text{CrO}_3$ ($x = 0.0-0.5$): effect of t_{2g} orbital degeneracy on the thermoelectric power. <i>European Physical Journal B</i> , 2006, 53, 5-9.	0.6	10
157	EMR studies of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x = 0.9$) manganites with canted antiferromagnetic ground states. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e163-e166.	1.0	2
158	Raman spectroscopy on cubic and hexagonal SrMnO_3 . <i>Journal of Raman Spectroscopy</i> , 2006, 37, 591-596.	1.2	32
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160	Interplay between itinerant and localized states in $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ($x = 0.5$) manganites. <i>Physical Review B</i> , 2006, 73, .	1.1	16
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