Antoine Maignan

List of Publications by Year
in descending order

730 papers	24,290 citations	9254 74 h-index	19726 117 g-index
780 all docs	780 docs citations	780 times ranked	11012 citing authors

#	Article	IF	Citations
1	FeWO₄ Single Crystals: Structure, Oxidation States, and Magnetic and Transport Properties. Chemistry of Materials, 2022, 34, 789-797.	3.2	6
2	Fe4-xNixNb2O9 (x â‰ 1): Nickel impact on the magnetoelectric properties of Fe4Nb2O9. Solid State Sciences, 2022, 125, 106821.	1.5	1
3	Room-temperature tuning of magnetic anisotropy in samarium-thulium orthoferrites. Physical Review B, 2022, 105, .	1.1	1
4	Improvement of thermoelectric performance in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Te</mml:mi><mml:mn>3</mml:mn></mml:mrow></mml:math> composites. Physical Review Materials, 2022, 6, .	0.2	3
5	Interplay between magnetism and transport in the CuCr_{1â€“x}Ti_{1+x}S₄ thiospinel: evidence for a strong asymmetry between pâ€•and nâ€type transport. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	2
6	Sb2Te3/graphite nanocomposite: A comprehensive study of thermal conductivity. Journal of Materiomics, 2021, 7, 545-555.	2.8	5
7	Crystal structure and functional properties of Nd1.6Ca0.4Ni1-yCuyO4+Î´ as prospective cathode materials for intermediate temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2021, 46, 17037-17050.	3.8	13
8	Phase equilibria and stability of intermediate phases in the Sm₂O₃â€“BaOâ€“Fe₂O₃ system. Journal of the American Ceramic Society, 2021, 104, 2410-2417.	1.9	3
9	Fe₂Co₂Nb₂O₉: a magnetoelectric honeycomb antiferromagnet. Journal of Materials Chemistry C, 2021, 9, 14236-14246.	2.7	8
10	Thermoelectric properties beyond the standard Boltzmann model in oxides: A focus on the ruthenates. , 2021, , 3-14.		0
11	Transport and Thermoelectric Coefficients of the Co9S8 Metal: A Comparison with the Spin Polarized CoS2. Journal of Physical Chemistry C, 2021, 125, 5386-5391.	1.5	8
12	Defect structure and redox energetics of NdBaCo2O6-Î´. Solid State Ionics, 2021, 361, 115549.	1.3	6
13	Undoped Sr2MMoO6 Double Perovskite Molybdates (M = Ni, Mg, Fe) as Promising Anode Materials for Solid Oxide Fuel Cells. Materials, 2021, 14, 1715.	1.3	41
14	Influence of A- and B-site substitutions on crystal structure and oxygen content in air-prepared Ba1â^'Pr Fe1â^'Co O3â^'Î´ perovskites. Journal of Alloys and Compounds, 2021, 860, 158438.	2.8	10
15	Defect structure and thermochemistry of YBaCo2O6-Î´. Thermochimica Acta, 2021, 698, 178886.	1.2	3
16	High temperature spin-driven multiferroicity in ludwigite chromocuprate Cu2CrBO5. Applied Physics Letters, 2021, 118, 192903.	1.5	7
17	Thermopower in the Ba1â^'Î´M2+xRu4â^'xO11 (M=Co,ÂMn,ÂFe) magnetic hexagonal ruthenates. Physical Review B, 2021, 103, .	1.1	0
18	Phase equilibria and oxygen content of intermediate phases in the Sm2O3â€“SrOâ€“Fe2O3 system. Journal of the European Ceramic Society, 2021, 41, 4199-4205.	2.8	2

#	Article	IF	Citations
19	Thermoelectric materials taking advantage of spin entropy: lessons from chalcogenides and oxides. Science and Technology of Advanced Materials, 2021, 22, 583-596.	2.8	27
20	Effect of cobalt content on the properties of quintuple perovskites Sm2Ba3Fe5-Co O15-Î´. Journal of Solid State Chemistry, 2021, 301, 122324.	1.4	1
21	Enhancement of oxygen permeation flux through the La1.5Sr0.5Ni1-Mn O4+Î´ ceramic membranes by manganese doping. Journal of the European Ceramic Society, 2021, , .	2.8	1
22	Defect chemistry and high-temperature thermodynamics of PrBaCo2O6-Î´. Journal of Chemical Thermodynamics, 2021, 161, 106523.	1.0	4
23	Signs of superparamagnetic cluster formation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Lu</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> perovskites evidenced by magnetization reversal and Monte Carlo simulations. Physical Review B, 2021, 103, .	1.1	7
24	Structural study and evaluation of thermoelectric properties of single-phase isocubanite (CuFe₂S₃) synthesized via an ultra-fast efficient microwave radiation technique. Sustainable Energy and Fuels, 2021, 5, 5804-5813.	2.5	6
25	Gd2O3â€“SrOâ€“Fe2O3 system: The phase diagram and oxygen content in oxides. Materials Today Communications, 2021, 29, 102885.	0.9	4
26	Redox Thermochemistry, Thermodynamics, and Solar Energy Conversion and Storage Capability of Some Double Perovskite Cobaltites. Inorganic Chemistry, 2021, 60, 18141-18153.	1.9	8
27	Thermoelectric materials developments: past, present, and future. Science and Technology of Advanced Materials, 2021, 22, 998-999.	2.8	6
28	Exploring the thermoelectric behavior of spark plasma sintered Fe7-xCoxS8 compounds. Journal of Alloys and Compounds, 2020, 819, 152999.	2.8	16
29	Spin-Induced Multiferroic Behavior in Centrosymmetric Mn₃WO₆. Chemistry of Materials, 2020, 32, 5664-5669.	3.2	4
30	Magnetic phase diagram for Fe3â^'xMnxBO5. Physical Review B, 2020, 101, .	1.1	10
31	Conductivity and stability of ceramic Sr1-xYxFeO3-Î´ solid solutions. Ceramics International, 2020, 46, 24718-24722.	2.3	3
32	Original Network of Zigzag Chains in the Î² Polymorph of Fe₂WO₆: Crystal Structure and Magnetic Ordering. Inorganic Chemistry, 2020, 59, 9798-9806.	1.9	4
33	Lack of linear magnetoelectric effect in ferrimagnetic distorted honeycomb Ni4Nb2O9. Journal of Applied Physics, 2020, 127, .	1.1	11
34	Structural and magnetic characterization of barbosalite Fe3(PO4)2(OH)2. Journal of Solid State Chemistry, 2020, 287, 121357.	1.4	5
35	Mn2TeO6 : Complex antiferromagnetism as a consequence of the Jahn-Teller distortion. Physical Review B, 2019, 100, .	1.1	2
36	Impact of the iron substitution on the thermoelectric properties of Co _{1â^' x} Fe _x S ₂ (x â€‰â‰¤â€‰0.30). Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180337.	1.6	6

#	Article	IF	Citations
37	XBi₄S₇ (X = Mn, Fe): New Costâ€Efficient Layered nâ€Type Thermoelectric Sulfides with Ultralow Thermal Conductivity. Advanced Functional Materials, 2019, 29, 1904112.	7.8	24
38	Two new magnetic hollandites A_{1.5}Ru_{6.1}Cr_{1.9}O₁₆ (A =) Tj ETQq0 0 0 rgBT /Overlo	2.7	3
39	Excellent Semiconductors Based on Tetracenotetracene and Pentacenopentacene: From Stable Closed-Shell to Singlet Open-Shell. Journal of the American Chemical Society, 2019, 141, 9373-9381.	6.6	40
40	Sr₂Fe_{1+x}Re_{1âˆ’x}O₆ double perovskites: magnetoresistance and (magneto)thermopower. Chemical Communications, 2019, 55, 5878-5881.	2.2	7
41	Anisotropic thermal transport in magnetic intercalates <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:ms Physical Review B, 2019, 99, .	1.1	13
42	Study of phase separation phenomena in half-doped manganites with isovalent substitution of rare-earth cations on example of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sm</mml:mi><mml:mrow><mml:mn>0.32< Physical Review B, 2019, 100, .	1.1	14
43	Origin of Ising magnetism in Ca3Co2O6 unveiled by orbital imaging. Nature Communications, 2019, 10, 5447.	5.8	15
44	Spin-orbit coupling and crystal-field distortions for a low-spin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:m state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BaCoO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 100, .	1.1	49
45	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">u</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant	3.9	6
46	Investigation of the exceptional charge performance of the 0.93Li4â’xMn2O5â€“0.07Li2O composite cathode for Li-ion batteries. Journal of Materials Chemistry A, 2018, 6, 5156-5165.	5.2	18
47	Mechanochemical synthesis of iodine-substituted BiCuOS. Journal of Solid State Chemistry, 2018, 263, 157-163.	1.4	6
48	Advantage of low-temperature hydrothermal synthesis to grow stoichiometric crednerite crystals. Solid State Sciences, 2018, 80, 39-45.	1.5	7
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>4</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math> : A magnetoelectric antiferromagnet. Physical Review B, 2018, 97, .	1.1	45
50	Phonon Scattering and Electron Doping by 2D Structural Defects in In/ZnO. ACS Applied Materials & Interfaces, 2018, 10, 6415-6423.	4.0	18
51	Substituting Copper with Silver in the BiMOCh Layered Compounds (M = Cu or Ag; Ch = S, Se, or Te): Crystal, Electronic Structure, and Optoelectronic Properties. Chemistry of Materials, 2018, 30, 549-558.	3.2	31
52	Electronic Band Structure Engineering and Enhanced Thermoelectric Transport Properties in Pb-Doped BiCuOS Oxysulfide. Chemistry of Materials, 2018, 30, 1085-1094.	3.2	18
53	The electrochemical storage mechanism in oxy-hydroxyfluorinated anatase for sodium-ion batteries. Inorganic Chemistry Frontiers, 2018, 5, 1100-1106.	3.0	5
54	Reversed exchange-bias effect associated with magnetization reversal in the weak ferrimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LuF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi	1.1	30

#	Article	IF	Citations
55	Spin reorientation and metamagnetic transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi	1.1	45
56	Coupled dielectric permittivity and magnetic susceptibility in the insulating antiferromagnet Ba2FeSbSe5. Applied Physics Letters, 2018, 112, 202903.	1.5	2
57	Cation order imaging and magnetic properties in the Ca2Fe2-Ga O5 brownmillerite (0â€¯â‰¤â€¯xâ€¯â‰¤â€¯1). Journal of Solid State Chemistry, 2018, 265, 129-134.	1.4	1
58	Magnetothermopower and giant magnetoresistance in the spin-glass CuCrTiS4 thiospinel. Journal of Applied Physics, 2018, 124, .	1.1	23
59	CuFe2S3 as electrode material for Li-ion batteries. RSC Advances, 2018, 8, 26691-26695.	1.7	2
60	Type-II multiferroism and linear magnetoelectric coupling in the honeycomb <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">T</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi	0.9	21
61	Topochemical Approach for Transition-Metal Exchange Assisted by Copper Extrusion: from Cu₂FeBO₅ to Fe₃BO₅. Inorganic Chemistry, 2017, 56, 2375-2378.	1.9	4
62	A Reversible Phase Transition for Sodium Insertion in Anatase TiO₂. Chemistry of Materials, 2017, 29, 1836-1844.	3.2	68
63	Charge ordering and multiferroicity in Fe3BO5 and Fe2MnBO5 oxyborates. Journal of Solid State Chemistry, 2017, 246, 209-213.	1.4	12
64	Revisiting Hollandites: Channels Filling by Main-Group Elements Together with Transition Metals in Bi2â€“yVyV8O16. Chemistry of Materials, 2017, 29, 5558-5565.	3.2	4
65	Suppression of superconductivity and resistivity anomaly in Rh₁₇S₁₅by cobalt substitution. Journal of Physics Condensed Matter, 2017, 29, 075604.	0.7	1
66	Structure and Electronic Properties of the Quasi-One-Dimensional Ba₂Co_{1â€“x}Zn_xS₃ Series. Inorganic Chemistry, 2017, 56, 213-223.	1.9	3
67	Structural and thermoelectric properties of n-type isocubanite CuFe₂S₃. Inorganic Chemistry Frontiers, 2017, 4, 424-432.	3.0	40
68	Fast synthesis of SrFe 12 O 19 hexaferrite in a single-mode microwave cavity. Ceramics International, 2017, 43, 4229-4234.	2.3	5
69	Nanostructured Li₂MnO₃: a disordered rock salt type structure for high energy density Li ion batteries. Journal of Materials Chemistry A, 2017, 5, 21898-21902.	5.2	50
70	Thermoelectric anisotropy and texture of intercalated TiS2. Applied Physics Letters, 2017, 111, .	1.5	30
71	A vanadium oxy-phosphate Na 4 VO(PO 4) 2 as cathode material for Na ion batteries. Solid State Sciences, 2017, 72, 124-129.	1.5	11
72	Unconventional aspects of electronic transport in delafossite oxides. Science and Technology of Advanced Materials, 2017, 18, 919-938.	2.8	49

#	Article	IF	Citations
73	Magnetoelectric coupling in ceramic of the Zn-doped CaBaCo4O7 pyroelectric ferrimagnet. Ceramics International, 2017, 43, 208-211.	2.3	4
74	Localised Ag+ vibrations at the origin of ultralow thermal conductivity in layered thermoelectric AgCrSe2. Scientific Reports, 2016, 6, 23415.	1.6	34
75	The BiCu1â^'OS oxysulfide: Copper deficiency and electronic properties. Journal of Solid State Chemistry, 2016, 237, 292-299.	1.4	15
76	Spin reorientation, magnetization reversal, and negative thermal expansion observed in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi	1.1	64
77	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
78	An active thermography approach for thermal and electrical characterization of thermoelectric materials. Journal Physics D: Applied Physics, 2016, 49, 285601.	1.3	10
79	Thermoelectric properties of the chalcopyrite Cu1â^'xMxFeS2â^'y series (M = Mn, Co, Ni). RSC Advances, 2016, 6, 55117-55124.	1.7	36
80	Robustness of Antiferromagnetism and Pyroelectricity in AgCr_{1â€“x}Rh_xS₂. Chemistry of Materials, 2016, 28, 1816-1822.	3.2	2
81	Searching for new thermoelectric materials: some examples among oxides, sulfides and selenides. Journal of Physics Condensed Matter, 2016, 28, 013001.	0.7	56
82	A new active Liâ€“Mnâ€“O compound for high energy density Li-ion batteries. Nature Materials, 2016, 15, 173-177.	13.3	269
83	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
84	Crystal growth, electronic structure, and properties of Ni-substituted FeGa. Journal of Solid State Chemistry, 2016, 236, 166-172.	1.4	12
85	Impact of short-range order on transport properties of the two-dimensional metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>PdCrO</mml:mtext><mml:mn>2</mml:mn> Physical Review B, 2015, 92, .	1.1	15
86	Large anisotropic thermal conductivity of the intrinsically two-dimensional metallic oxide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PdCoO</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2015, 91, .	1.1	28
87	Thermopower in the quadruple perovskite ruthenates. Physical Review B, 2015, 91, .	1.1	18
88	Synthesis and Thermoelectric Properties in the 2D Ti1 â€“ xNbxS3 Trichalcogenides. Materials, 2015, 8, 2514-2522.	1.3	25
89	Crystal and electronic structures of two new iron selenides: Ba4Fe3Se10 and BaFe2Se4. Journal of Solid State Chemistry, 2015, 230, 293-300.	1.4	7
90	Thermoelectric properties of n-type cobalt doped chalcopyrite Cu1â^'xCoxFeS2 and p-type eskebornite CuFeSe2. Journal of Materiomics, 2015, 1, 68-74.	2.8	47

#	Article	IF	Citations
91	Intrinsic effects of substitution and intercalation on thermal transport in two-dimensional TiS₂ single crystals. Journal of Applied Physics, 2015, 117, 165101.	1.1	19
92	Magnetodielectric Effect in Crystals of the Noncentrosymmetric CaOFeS at Low Temperature. Inorganic Chemistry, 2015, 54, 6560-6565.	1.9	24
93	Alternative Calorimetry Based on the Photothermoelectric (PTE) Effect: Application to Magnetic Nanofluids. International Journal of Thermophysics, 2015, 36, 2441-2451.	1.0	6
94	Silver intercalation in SPS dense TiS₂: staging and thermoelectric properties. Dalton Transactions, 2015, 44, 7887-7895.	1.6	32
95	Thermoelectrics (TE) used as detectors of radiation: an alternative calorimetry based on the photothermoelectric (PTE) effect. , 2015, , .		1
96	Rare earth ferrites LuFe 2 O 4Â±x polymorphism, polytypism and metastable phases. Solid State Sciences, 2015, 48, A1-A16.	1.5	7
97	On the effects of substitution, intercalation, non-stoichiometry and block layer concept in TiS₂ based thermoelectrics. Physical Chemistry Chemical Physics, 2015, 17, 24541-24555.	1.3	59
98	The new cerium-rich intermetallic phase Ce13Ru2Sn5: Crystal structure and physical properties. Journal of Alloys and Compounds, 2015, 622, 745-750.	2.8	4
99	Polar space group and complex magnetism in Ni11â–¡(HPO3)8(OH)6: towards a new multiferroic material?. Solid State Sciences, 2015, 39, 92-96.	1.5	7
100	Closely related magnetic and dielectric transitions in the â€œ114â€•magnetoelectric Zn-doped CaBaCo4O7. Journal of Applied Physics, 2014, 116, .	1.1	20
101	Multiferroics and Magnetoelectrics: A Comparison between Some Chromites and Cobaltites. Chemistry of Materials, 2014, 26, 830-836.	3.2	52
102	Observation of electric polarization reversal and magnetodielectric effect in orthochromites: A comparison between<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LuCrO</mml:mi><mml:mn>3</mml:mn></mml:msub></m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ErCrO</mml:mi><mml:mn>3</mml:mn></mml:msub></m Physical Review B, 2014, 89, .	3.8	53
103	Oxygen storage capacity and structural flexibility of LuFe2O4+xÂ(0â‰xâ‰0.5). Nature Materials, 2014, 13, 74-80.	13.3	59
104	ZrSe₃-Type Variant of TiS₃: Structure and Thermoelectric Properties. Chemistry of Materials, 2014, 26, 5585-5591.	3.2	44
105	Structural, magnetic and transport properties of 2D structured perovskite oxychalcogenides. Solid State Sciences, 2014, 36, 94-100.	1.5	5
106	Synthesis, crystal structure and electronic properties of the new iron selenide Ba9Fe4Se16. Journal of Solid State Chemistry, 2014, 211, 184-190.	1.4	9
107	Nanostructures in LuFe2O4+Î´. Solid State Sciences, 2013, 23, 26-34.	1.5	7
108	Pressure effect on the magnetic order of LuFe₂O₄. Applied Physics Letters, 2013, 103, 082907.	1.5	6

#	Article	IF	Citations
109	Giant magnetic-field-induced polarization and magnetoelectric coupling in a ferrimagnetic oxide CaBaCo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	1.1	83
110	From oxides to selenides and sulfides: The richness of the CdI₂ type crystallographic structure for thermoelectric properties. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 69-81.	0.8	69
111	From spin induced ferroelectricity to spin and dipolar glass in a triangular lattice: The CuCr1âˆ'V O2 (0â‰¤xâ‰¤0.5) delafossite. Journal of Solid State Chemistry, 2013, 203, 37-43.	1.4	14
112	Spin dynamics in the unconventional multiferroic AgCrS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 87, .	1.1	14
113	Sr7Co4(CO3)O13âˆ'Î´ (Î´ = 1.64), An Original Cobaltite Derivative of the Ruddlesdenâ€“Popper Series. Inorganic Chemistry, 2013, 52, 4977-4984.	1.9	2
114	Magnetic and magnetodielectric properties of erbium iron garnet ceramic. Journal of Applied Physics, 2013, 113, .	1.1	17
115	Spin-state effects in CaCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Ru<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>12</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 87, .	1.1	24
116	Transport and magnetic properties of highly densified CoS2 ceramic. Journal of Applied Physics, 2013, 114, .	1.1	20
117	Evidence of oxygen-dependent modulation in LuFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	34
118	Evidence of magnetic phase separation in LuFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	22
119	Magnetic dilution and steric effects in the multiferroic delafossite CuCrO2. Physical Review B, 2012, 86, .	1.1	10
120	Magnetodielectric coupling and magnetization plateaus in Î±-CoV2O6 crystals. Journal of Materials Chemistry, 2012, 22, 6436.	6.7	38
121	Revisiting some chalcogenides for thermoelectricity. Science and Technology of Advanced Materials, 2012, 13, 053003.	2.8	58
122	From spin induced ferroelectricity to dipolar glasses: Spinel chromites and mixed delafossites. Journal of Solid State Chemistry, 2012, 195, 41-49.	1.4	54
123	Substitution effect of manganese for iron in â€œ114â€•YBaFe4O7 ferrite: structure, magnetism and oxygen hyperstoichiometry. Journal of Materials Chemistry, 2012, 22, 18923.	6.7	6
124	Magnetodielectric CuCr_{0.5}V_{0.5}O₂: an example of a magnetic and dielectric multiglass. Journal of Physics Condensed Matter, 2012, 24, 226002.	0.7	17
125	Spin-assisted ferroelectricity in ferrimagnetic CaBaCo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	60
126	Transport, thermoelectric, and magnetic properties of a dense Cr2S3 ceramic. Journal of Applied Physics, 2012, 112, .	1.1	35

#	Article	IF	Citations
127	Co-substitution at the Mn-site in YMnO3: Structural stability and physical properties. Materials Research Bulletin, 2012, 47, 974-979.	2.7	6
128	Revisiting the properties of delafossite CuCrO2: A single crystal study. Journal of Solid State Chemistry, 2012, 185, 56-61.	1.4	34
129	Bi0.75Sr0.25FeO3â^Î´: Revealing order/disorder phenomena by combining diffraction techniques. Solid State Communications, 2012, 152, 331-336.	0.9	6
130	Quantum gapped spin excitations in theS=32zigzag ladder compoundÎ²-CaCr2O4. Physical Review B, 2011, 84, .	1.1	14
131	Substitution Effect on the Interplane Coupling in Crednerite: the Cu_{1.04}Mn_{0.96}O₂ Case. Chemistry of Materials, 2011, 23, 85-94.	3.2	21
132	Stability of the Sr₂B₃O_{6.5â^Î´} Phases (B = Fe, Co, Ga): Existence Range, Structural and Physical Properties. Chemistry of Materials, 2011, 23, 2786-2794.	3.2	1
133	Transport and thermoelectric properties in Copper intercalated TiS2 chalcogenide. Applied Physics Letters, 2011, 99, .	1.5	149
134	Orderâ€“Disorder Transition in AgCrSe₂: a New Route to Efficient Thermoelectrics. Chemistry of Materials, 2011, 23, 2510-2513.	3.2	135
135	Magnetoelastic coupling and unconventional magnetic ordering in the multiferroic triangular lattice AgCrS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 83, .	1.1	41
136	Mg substitution in CuCrO2 delafossite compounds. Solid State Communications, 2011, 151, 1798-1801.	0.9	31
137	The electronic structure of the CuRh1â^'xMgxO2 thermoelectric materials: An X-ray photoelectron spectroscopy study. Journal of Solid State Chemistry, 2011, 184, 2387-2392.	1.4	28
138	Swedenborgiteâ€Type Cobaltites and Ferrites: Tetrahedral Frameworks with Exceptional Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1079-1087.	0.6	9
139	Pinning efficiency of splayed columnar defects in Bi-2212 single crystal: Evidence of a cage pinning effect. Journal of Physics and Chemistry of Solids, 2011, 72, 541-544.	1.9	4
140	The ability of RP-type cobaltites to accommodate carbonate groups: A new layered oxide Sr4Co2(CO3)O5.86. Journal of Solid State Chemistry, 2011, 184, 1655-1660.	1.4	5
141	Citrate gel process and thermoelectric properties of Ge-doped In2O3 bulk ceramics. Powder Technology, 2011, 208, 503-508.	2.1	8
142	The spin glass delafossite CuFe0.5V0.5O2: a dipolar glass?. Journal of Physics Condensed Matter, 2011, 23, 126005.	0.7	10
143	Magnetodielectric response of square-coordinated MnO2 unit in cubic BiMn7O12. Applied Physics Letters, 2011, 98, 072903.	1.5	9
144	FeCr2O4 and CoCr2O4 spinels: Multiferroicity in the collinear magnetic state?. Applied Physics Letters, 2011, 99, .	1.5	124

#	Article	IF	Citations
145	Tuning of dimensionless figure of merit via boundary scattering in In2O3-Î´. Journal of Applied Physics, 2011, 110, 124304.	1.1	9
146	Spin-driven ferroelectricity in the delafossite CuFe1âˆ’xRhxO2 (0â‰¤xâ‰¤0.15). Journal of Solid State Chemistry, 2010, 183, 344-349.	1.4	43
147	A MÃ¶ssbauer spectroscopy investigation of SrFe1âˆ’xScxO3âˆ’Î´ perovskites. Solid State Sciences, 2010, 12, 739-744.	1.5	5
148	MÃ¶ssbauer spectroscopic analysis of Bi1âˆ’xSrxFeO3âˆ’Î´ perovskites. Solid State Sciences, 2010, 12, 1387-1392.	1.5	19
149	The oxygen deficient cubic perovskite SrFe1âˆ’xScxO3âˆ’Î´ (xÂ≥0.5; 0.1Â≥ÂÎ´Â≥Â0.5): Structural features and physical properties. Solid State Sciences, 2010, 12, 1661-1666.	1.5	9
150	Metal to insulator transition in then-type hollandite vanadatePb1.6V8O16. Physical Review B, 2010, 82, .	1.1	10
151	Pressure-Induced Structural Transition inLuFe2O4: Towards a New Charge Ordered State. Physical Review Letters, 2010, 105, 237203.	2.9	15
152	Negative magnetoresistance in a V3+/V4+ mixed valent vanadate. Applied Physics Letters, 2010, 96, 232502.	1.5	1
153	Zigzag ladders with staggered magnetic chirality in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>3</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>compound<mml	1.1	44
154	Local orbital occupation and energy levels of Co in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Na</mml:mtext></mml:mrow><mml:mi>x</mml:mi></mml:msub> A soft x-ray absorption study. Physical Review B, 2010, 81, .	1.1	48
155	10.1007/s11451-008-2010-3. , 2010, 50, 275.		0
156	Ising Magnetism and Ferroelectricity inCa3CoMnO6. Physical Review Letters, 2009, 102, 026404.	2.9	117
157	Electronic structure and thermoelectric properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuRh</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 80, .	1.1	50
158	Oxygen Isotope Effect in Cr- and Ru-Doped Pr_{0.5}Ca_{0.5}MnO₃ Manganites. Solid State Phenomena, 2009, 152-153, 127-130.	0.3	2
159	Metallicity and positive magnetoresistance induced by Pb substitution in a misfit cobaltate crystal. Journal of Physics Condensed Matter, 2009, 21, 235404.	0.7	12
160	Multiferroicity with high-TC in ceramics of the YBaCuFeO5 ordered perovskite. Applied Physics Letters, 2009, 94, .	1.5	55
161	Magnetoelectric interactions in polycrystalline multiferroic antiferromagnets CuFe1âˆ’xRhxO2 (x=0.00) Tj ETQq1 1 0.784314 rgBT /Ov	1.5	28
162	Thermoelectric Oxides: Effect of Doping in Delafossites and Zinc Oxide. Journal of Electronic Materials, 2009, 38, 1104-1108.	1.0	54

#	Article	IF	Citations
163	The â€œ114â€•Cobaltites and Ferrites: New Routes to Ferrimagnetism and Magnetic FrustrationÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1869-1876.	0.6	26
164	Orthorhombic kagome cobaltite CaBaCo4O7: A new ferrimagnet with a of 70 K. Solid State Communications, 2009, 149, 453-455.	0.9	85
165	On the strong impact of doping in the triangular antiferromagnet CuCrO2. Solid State Communications, 2009, 149, 962-967.	0.9	73
166	Complex magnetic order in quasi-one-dimensional compound Ca3CoIrO6. Physica B: Condensed Matter, 2009, 404, 603-606.	1.3	6
167	Magnetodielectric coupling in Ca3Co2O6 triangular Ising lattice. Journal of Magnetism and Magnetic Materials, 2009, 321, 1770-1772.	1.0	14
168	Electron-doped Sm1âˆ’xSrxMnO3 perovskite manganites: Crystal and magnetic structures and physical properties. Journal of Magnetism and Magnetic Materials, 2009, 321, 2601-2606.	1.0	10
169	Magnetic study of CaMn0.96Mo0.04O3, canting vs. phase separation. Journal of Magnetism and Magnetic Materials, 2009, 321, 3938-3944.	1.0	8
170	A New Mixed-Valence Ferrite with a Cubic Structure, YBaFe₄O₇: Spin-Glass-Like Behavior. Chemistry of Materials, 2009, 21, 1116-1122.	3.2	43
171	Spin-lattice coupling induced phase transition in theS=2frustrated antiferromagnetCuMnO2. Physical Review B, 2009, 80, .	1.1	47
172	Structural and magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuCr</mml:mtext></mml:mrow><mml:mrow><mml:mn>1-x</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mtext>Mg</mml:mtext></mml:mrow><mml:mrow><mml:mn>x</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mtext>O</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> neutron powder diffraction. Physical Review B, 2009, 79, .	1.1	121
173	Metallicity in crystals of the quasi-one-dimensional rhodate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ba</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2009, 79, .	1.1	13
174	AgCrS₂: A Spin Driven Ferroelectric. Chemistry of Materials, 2009, 21, 5007-5009.	3.2	54
175	Tuning the transport and thermoelectric properties of In2O3 bulk ceramics through doping at In-site. Journal of Applied Physics, 2009, 106, .	1.1	99
176	Increase in magnetoresistivity in Ba2CoS3via Zn2+/Co2+ substitution. Chemical Communications, 2009, , 2214.	2.2	4
177	Structure and magnetic properties of LnBaFe4O7 oxides: Ln size effect. Journal of Materials Chemistry, 2009, 19, 8335.	6.7	31
178	Electronic and magnetic properties of the kagome systems<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBaCo</mml:mtext></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBaCo</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2009, 80, .	1.1	92
179	Correlation of phase diagrams and spontaneous magnetization jumps in low-bandwidth manganites. Journal of Physics: Conference Series, 2009, 150, 042081.	0.3	4
180	The Sr2.75Ce0.25Co2O7âˆ’Î´ oxide, n=2 member of the Ruddlesdenâ€“Popper series: Structural and magnetic evolution depending on oxygen stoichiometry. Journal of Solid State Chemistry, 2008, 181, 1314-1320.	1.4	8

#	Article	IF	Citations
181	Impact of metal substitutions for cobalt in YBaCo4O7. Journal of Solid State Chemistry, 2008, 181, 1220-1226.	1.4	26
182	:Ge, a promising n-type thermoelectric oxide composite. Solid State Communications, 2008, 146, 97-101.	0.9	158
183	Nickel substitution in YBaCo4O7: Effect on the physical properties. Solid State Communications, 2008, 147, 470-473.	0.9	21
184	Crystal and magnetic structures and physical properties of the Sm0.37Sr0.63MnO3 manganite. Physics of the Solid State, 2008, 50, 275-282.	0.2	3
185	Thermoelectric and magnetic properties of perovskite-type manganate phases synthesised by ultrasonic spray combustion (USC). Solid State Sciences, 2008, 10, 496-501.	1.5	22
186	A Series of Novel Mixed Valent Ferrimagnetic Oxides with a T_C up to 270 K: Ca_{1â^'x}Y_xBaFe₄O₇. Chemistry of Materials, 2008, 20, 6295-6297.	3.2	50
187	Magnetic field induced ferroelectric loop in Bi0.75Sr0.25FeO3â^Î´. Applied Physics Letters, 2008, 92, .	1.5	84
188	Long-range magnetic order and spin-lattice coupling in delafossiteCuFeO2. Physical Review B, 2008, 78, .	1.1	31
189	The Crystal Chemistry of Ferric Oxyhydroxyapatite. Inorganic Chemistry, 2008, 47, 11774-11782.	1.9	46
190	Report from the third workshop on future directions of solid-state chemistry: The status of solid-state chemistry and its impact in the physical sciences. Progress in Solid State Chemistry, 2008, 36, 1-133.	3.9	58
191	Transition-Metal Oxides with Triangular Lattices: Generation of New Magnetic and Electronic Properties. Inorganic Chemistry, 2008, 47, 8553-8561.	1.9	18
192	Enhancement of the thermoelectric performances of In2O3 by the coupled substitution of M2+/Sn4+ for In3+. Journal of Applied Physics, 2008, 104, .	1.1	37
193	Effect of oxygen isotope substitution on charge ordering and magnetic and transport properties inPr0.5Ca0.5MnO3doped by chromium and ruthenium. Physical Review B, 2008, 78, .	1.1	6
194	On the Metallic Conductivity of the Delafossites PdCoO₂ and PtCoO₂. Chemistry of Materials, 2008, 20, 2370-2373.	3.2	74
195	Oxygen Vacancy Ordering in the Double-layered Ruddlesdenâˆ'Popper Cobaltite Sm₂BaCo₂O_{7âˆ'Î´}. Chemistry of Materials, 2008, 20, 6231-6237.	3.2	14
196	Sm0.45Sr0.55MnO3: crystal and magnetic structure studied by neutron powder diffraction. Journal of Physics Condensed Matter, 2008, 20, 104233.	0.7	9
197	Phase separation and magnetoresistivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Sm</mml:mi><mml:mn>0.1</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Ca</mml:mi><mml:mrow><mml:mn>0.9</mml:mn><mml:mo>âˆ'</mml:mo><mml:mi>x</mml:mi></mml:mrow mathvariant="normal">Sr</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi	1.1	9
198	Magnetic properties of electron doped Sm0.1Ca0.9âˆ'yBayMnO3 (y=0.02,â€¦0.06) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. Journal of Applied Physics, 2008, 104, 043921.	1.1	5

#	Article	IF	Citations
199	Magnetodielectric coupling in a triangular Ising lattice: Experiment and modeling. Physical Review B, 2008, 77, .	1.1	41
200	Films, Coatings, Adhesives, Polymers, and Thermoelectric Materials. , 2008, , .		0
201	Spin-glass state induced by cobalt substitution in CaRuO3. Journal of Physics Condensed Matter, 2007, 19, 216212.	0.7	14
202	Correlation of structural, magnetic and transport properties with the tolerance factor in a low-doped La0.875Sr0.125â˜'xCaxMnO3, (0 â‰¤xâ‰¤0.125) system: cross-over from Mott to Shklovskiiâ€“Efros variable range hopping conduction. Journal of Physics Condensed Matter, 2007, 19, 266218.	0.7	9
203	Anomalous thermal properties and local lattice effects in low doped manganites La0.875Ca0.125MnO3and La0.875Ca0.0625Sr0.0625MnO3. Journal Physics D: Applied Physics, 2007, 40, 3728-3732.	1.3	4
204	Thermoelectric properties in the misfit-layered-cobalt oxides [Bi<inf>2</inf>A<inf>2</inf>O<inf>4</inf>][CoO<inf>2</inf>]<inf>b1/b2</inf> (A=Ca, Sr, Ba,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 53		
205	Characterization and electronic structure calculations of the antiferromagnetic insulatorCa3FeRhO6. Physical Review B, 2007, 75, .	1.1	6
206	Enhanced thermoelectric properties in a layered rhodium oxide with a trigonal symmetry. Physical Review B, 2007, 76, .	1.1	27
207	Interplay between magnetic properties and thermoelectricity in misfit and Na cobaltates. Physical Review B, 2007, 76, .	1.1	34
208	Electronic Correlations inCoO2, the Parent Compound of Triangular Cobaltates. Physical Review Letters, 2007, 98, 246402.	2.9	48
209	Anisotropic susceptibility of the geometrically frustrated spin-chain compound Ca3Co2O6. Journal of Physics Condensed Matter, 2007, 19, 145229.	0.7	17
210	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
211	Structural and Magnetic Transitions in CaMn1-xWxO3. Chemistry of Materials, 2007, 19, 4243-4251.	3.2	31
212	Mixed â€œcobalt-nickelâ€•layered oxides and oxyhydroxides of n = 2 members of the Ruddlesdenâ€“Popper family Sr2.5La0.5Co1.3Ni0.7(O,OH)7â˜'y. Journal of Materials Chemistry, 2007, 17, 2818-2823.	6.7	3
213	Colossal magnetoresistance manganites: importance of the cooperative phenomena. Journal of Materials Chemistry, 2007, 17, 5023.	6.7	16
214	The Oxide Ba6Ga2Co11O26:Â A New Close-Packed Stacking Derived from the Hexagonal Perovskite. Chemistry of Materials, 2007, 19, 2658-2662.	3.2	4
215	Coupled negative magnetocapacitance and magnetic susceptibility in a KagomÃ© staircase-like compound Co3V2O8. Journal of Physics Condensed Matter, 2007, 19, 056001.	0.7	26
216	Phase separation and sharp magnetization steps in polycrystalline Pr1â˜'xCaxMnO3. Solid State Communications, 2007, 144, 78-82.	0.9	5

#	Article	IF	Citations
217	Critical behavior of La0.825Sr0.175MnO2.912 anion-deficient manganite in the magnetic phase transition region. JETP Letters, 2007, 85, 507-512.	0.4	119
218	Ferromagnetism and high magnetic moments induced by Ba substitution for Ca in charge ordered Nd0.5Ca0.5MnO3. Materials Letters, 2007, 61, 617-620.	1.3	5
219	Pressure effect on magnetism in phase-separated Cr-doped Pr0.5Ca0.5Mn1â^'xCrxO3 manganites. Journal of Magnetism and Magnetic Materials, 2007, 316, e636-e639.	1.0	5
220	Hexagonal perovskite cobaltites: Unconventional magnetism at low temperature. Journal of Magnetism and Magnetic Materials, 2007, 316, 394-399.	1.0	18
221	Oxygen isotope effect in chromium-doped Pr0.5Ca0.5MnO3 manganites. Journal of Experimental and Theoretical Physics, 2007, 105, 112-115.	0.2	1
222	Correlation between phase diagrams and spontaneous magnetization jumps in narrow-band manganites. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 1061-1062.	0.1	1
223	Electron Magnetic Resonance, Neutron Diffraction and ac Susceptibility Study of CaMn1â^'x Ru{ x O3 (x) Tj ETQq1 1 0.784314 rgBT /	0.8	2
224	The crystallographic and magnetic characteristics of Sr2CrO4 (K2NiF4-type) and Sr10(CrO4)6F2 (apatite-type). Journal of Solid State Chemistry, 2007, 180, 1538-1546.	1.4	28
225	Avalanches, irreversibility, and phase separation in Co-substitutedPr0.50Ca0.50Mn1â^'xCoxO3. Physical Review B, 2006, 74, .	1.1	34
226	Instability of magnetism inPr0.5Ca0.5Mn1â^'xCrxO3(x=0.015,0.03): Competition between pressure and thermal cycling effects. Physical Review B, 2006, 73, .	1.1	20
227	Thermopower of ruthenium metallic oxides: Large influence of the spin degeneracy term. , 2006, , .		0
228	Thermoelectric oxides: important role of the transition metal spin states. , 2006, , .		0
229	Magnetic coupling and long-range order in the spinâ€“chain sulfide Ba2CoS3. Journal of Materials Chemistry, 2006, 16, 3489-3502.	6.7	22
230	Spin, charge, and lattice coupling in triangular and KagomÃ© sublattices ofCoO4tetrahedra:YbBaCo4O7+Î´(Î´=0,1). Physical Review B, 2006, 74, .	1.1	81
231	Ru doping of the Mn site in La0.4Ca0.6MnO3 perovskite: Electron magnetic resonance study of electronic and magnetic ordering. Journal of Applied Physics, 2006, 99, 08Q304.	1.1	2
232	Magnetic properties of La0.70Sr0.30MnO2.85 anion-deficient manganite under hydrostatic pressure. JETP Letters, 2006, 83, 33-36.	0.4	88
233	Incommensurate spin density wave state in layered cobaltites. Physica B: Condensed Matter, 2006, 374-375, 282-285.	1.3	1
234	Cobaltites: New materials with magnetoresistance properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 296-299.	1.7	7

#	Article	IF	Citations
235	The SrCo1â^'yMnyO3â^'Î´ oxygen deficient perovskite: Competition between ferro and antiferromagnetism. Journal of Magnetism and Magnetic Materials, 2006, 303, 197-203.	1.0	7
236	Driven depinning of vortices in irradiated microbridge single-crystals of Bi-2212. Journal of Physics and Chemistry of Solids, 2006, 67, 468-471.	1.9	0
237	Large magnetoresistance in a ferromagnetic cobaltite: The 12H Ba0.9CoO2.6. Journal of Solid State Chemistry, 2006, 179, 1852-1856.	1.4	22
238	Electrochemical oxidation and reduction of the La0.2Sr0.8CoO3â^'Î´ phases: Control of itinerant ferromagnetism and magnetoresistance. Solid State Ionics, 2006, 177, 815-820.	1.3	11
239	Soft chemistry synthesis and characterizations of fully oxidized and reduced NdBaCo2O5+Î´ phases Î´=0, 1. Solid State Ionics, 2006, 177, 1879-1881.	1.3	33
240	Transport and magnetic properties of Pr1-xCaxCrO3 (x = 0.0â€“0.5): effect of t2g orbital degeneracy on the thermoelectric power. European Physical Journal B, 2006, 53, 5-9.	0.6	10
241	The Sr0.8Y0.2Co1â^'xFexO3â^'Î´ oxygen deficient perovskites: modulated structure, magnetic properties and magnetoresistance. Solid State Sciences, 2006, 8, 619-624.	1.5	11
242	A cobaltite with a room temperature electrical and magnetic transition: YBaCo4O7. Solid State Sciences, 2006, 8, 1160-1163.	1.5	80
243	Pb4Sr13Fe24O53: an original terrace structure, related to Sr4â^'xPbxFe6O13â^'Î´. Solid State Sciences, 2006, 8, 1294-1301.	1.5	12
244	Sr and Ba substitution in charge ordered Pr0.5Ca0.5MnO3: Sharp steps in the magnetic and transport properties for a narrow composition range. Materials Chemistry and Physics, 2006, 100, 472-476.	2.0	0
245	Negative Magnetoresistance in Ba2CoS3.. ChemInform, 2006, 37, no.	0.1	0
246	Raman spectroscopy on cubic and hexagonal SrMnO3. Journal of Raman Spectroscopy, 2006, 37, 591-596.	1.2	32
247	Pressure effect on the magnetic properties of electron-doped Sm0.1Ca0.9â^'ySryMnO3(y= 0â€“0.3) manganites. Journal of Physics Condensed Matter, 2006, 18, 9201-9214.	0.7	9
248	Enhancement of giant magnetoresistance effect in the Ruddlesdenâ€“Popper phase Sr3Fe2â^'xCoxO7â^'Î´: predominant role of oxygen nonstoichiometry and magnetic phase separation. Journal of Physics Condensed Matter, 2006, 18, 2157-2171.	0.7	9
249	Re-entrant metallicity and magnetoresistance induced by Ce for Sr substitution in SrCoO3â^'Î´. Journal of Physics Condensed Matter, 2006, 18, 4305-4314.	0.7	12
250	Thermoelectric Power in Ruthenates : Dominant Role of the Spin Degeneracy Term. Materials Research Society Symposia Proceedings, 2006, 988, 1.	0.1	1
251	Interplay between itinerant and localized states inCaMn1â^'xRuxO3(xâ©½0.5)manganites. Physical Review B, 2006, 73, .	1.1	16
252	Infrared observation of the Hundâ€™s mechanism in an electron-doped manganite. Physical Review B, 2006, 73, .	1.1	5

#	Article	IF	Citations
253	Valence, spin, and orbital state of Co ions in one-dimensionalCa3Co2O6: An x-ray absorption and magnetic circular dichroism study. Physical Review B, 2006, 74, .	1.1	103
254	Magnetoresistance and magnetothermopower in the rhodium misfit oxide[Bi1.95Ba1.95Rh0.1O4][RhO2]1.8. Physical Review B, 2006, 73, .	1.1	27
255	Metastable diamagnetism in the manganiteSm0.1Ca0.84Sr0.06MnO3. Physical Review B, 2006, 74, .	1.1	7
256	Nature of the ferromagnetism induced by nonmagnetic substitutions on the Ru site ofCaRuO3. Physical Review B, 2006, 73, .	1.1	29
257	Scaling Behavior in Thermoelectric Misfit Cobalt Oxides. Physical Review Letters, 2006, 97, 046601.	2.9	100
258	Ferromagnetism induced by chromium substitution in theCaRuO3perovskite. Physical Review B, 2006, 74, .	1.1	20
259	Insensitivity of the band structure of substitutedSrRuO3as probed by Seebeck coefficient measurements. Physical Review B, 2006, 73, .	1.1	46
260	Potencia termoelÃ©ctrica de cerÃ¡micas basadas en cobaltitas: optimizaciÃ³n mediante sustituciÃ³n quÃmica. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2006, 45, 122-125.	0.9	71
261	Valence State of Ru at the Mn sites in Pr0.5Sr0.5MnO3. Physica Scripta, 2005, , 498.	1.2	3
262	Partial substitution of rhodium for cobalt in the misfit [Pb0.7Co0.4Sr1.9O3]RS[CoO2]1.8 oxide. Journal of Solid State Chemistry, 2005, 178, 769-775.	1.4	16
263	Sr2/3Y1/3CoO8/3+Î´: Transition from insulating antiferromagnet to metallic ferromagnet by control of the oxygen content. Journal of Solid State Chemistry, 2005, 178, 868-873.	1.4	42
264	A new layered cobaltite (Ga1/3Co2/3)2Sr2CoO6+Î´ with high spin Co3+: modulated structure and physical properties. Journal of Solid State Chemistry, 2005, 178, 792-799.	1.4	8
265	Pr0.5Ca0.5Mn0.97Ga0.03O3, a strongly strained system due to the coexistence of two orbital ordered phases at low temperature. Journal of Solid State Chemistry, 2005, 178, 1652-1660.	1.4	15
266	Pressure-induced suppression of ferromagnetic phase and conduction in CaMn1â^'xRuxO3. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 898-901.	1.0	2
267	Electron magnetic resonance (EMR) study of electronâ€“hole asymmetry in La1â^'xCaxMnO3 manganites (x=0.2,0.8). Journal of Magnetism and Magnetic Materials, 2005, 290-291, 910-913.	1.0	19
268	Hydrostatic pressure effect on electrical and magnetic properties of electron-doped R0.16Ca0.84MnO3 (R=Pr, Gd, Eu). Physica B: Condensed Matter, 2005, 365, 114-120.	1.3	11
269	Electronic transport in one-dimensional Ca3Co2O6 single crystal. Microelectronics Journal, 2005, 36, 900-906.	1.1	1
270	Ferromagnetism and metallicity in the modulated Sr1â^'xThxCoO3â^'Î´ oxygen deficient perovskites with xâ^¼0.1. Solid State Communications, 2005, 134, 815-820.	0.9	14

#	Article	IF	Citations
271	Crystal and magnetic structure of the Sm0.45Sr0.55MnO3 manganite studied by neutron powder diffraction. Crystallography Reports, 2005, 50, 185-190.	0.1	6
272	Dynamic effects in one-dimensional Aâ€²3ABO6. Journal of Magnetism and Magnetic Materials, 2005, 294, e123-e126.	1.0	7
273	Reactivity in air of the Sr3Co2O7â^'Î´ RP=2 phase: Formation of the hydrated Sr3Co2O5(OH)2â‹…xH2O cobaltite. Solid State Sciences, 2005, 7, 853-860.	1.5	22
274			

#	Article	IF	Citations
289	Impact of niobium doping upon the magnetotransport properties of the oxygen-deficient perovskite SrCo1â^'xNbxO3â^'Î´. Applied Physics Letters, 2005, 86, 192504.	1.5	14
290	Spin Glass to Weak Ferromagnetic Transformation in a New Layered Cobaltite:â€‰ Consequence of Topotactic Reactions with Water at Room Temperature. Chemistry of Materials, 2005, 17, 6256-6262.	3.2	14
291	Temperature dependence of the optical phonons inSrMnO3manganite: Evidence of a low-temperature structural transition in the hexagonal compound. Physical Review B, 2005, 72, .	1.1	22
292	Crystal structure and magnetic and transport properties ofSm0.5154Sr0.5MnO3:A-type antiferromagnetic phase and ferromagnetic polarons. Physical Review B, 2005, 72, .	1.1	31
293	EMR Study of Electronic and Magnetic Ordering in Doped CaMn_{1-x,y}M_{x,y}O₃(M = Ru, Mo) Perovskites. Acta Physica Polonica A, 2005, 108, 235-242.	0.2	0
294	Influence of the SmCo5hard magnetic phase on the magnetoresistive properties of Cuâ€“Fe ribbons. Journal of Physics Condensed Matter, 2004, 16, 7477-7492.	0.7	0
295	Temperature and time dependence of the field-driven magnetization steps inCa3Co2O6single crystals. Physical Review B, 2004, 70, .	1.1	161
296	Dome-Shaped Magnetic Phase Diagram of Thermoelectric Layered Cobaltites. Physical Review Letters, 2004, 92, 017602.	2.9	106
297	Crystallographic structure and magnetic ordering inCaMn1â^'xRuxO3(xâ©½0.40)manganites: â€‚â€‚Neutron diffraction, ac susceptibility, and electron magnetic resonance studies. Physical Review B, 2004, 70, .	1.1	36
298	Chromium site selective substitution inCa3Co2O6: Influence on the magnetic properties of an Ising-like triangular lattice. Physical Review B, 2004, 70, .	1.1	52
299	Effect of pressure on magnetic and transport properties ofCaMn1â^'xRuxO3(x=0â€“0.15):â€‚Collapse of ferromagnetic phase inCaMn0.9Ru0.1O3. Physical Review B, 2004, 70, .	1.1	31
300	Ga and Ba substitution in charge ordered Pr1ÂxCaxMnO3: exceptional predisposition of thex= 0.43 compound to ferromagnetism. Journal of Physics Condensed Matter, 2004, 16, 2861-2868.	0.7	3
301	A new thermoelectric misfit cobaltite: [Sr2CoO3][CoO2]1.8. Solid State Sciences, 2004, 6, 167-172.	1.5	28
302	Coexistence of ferromagnetism and antiferromagnetism in the L0.08Ca1.92MnO4 series. Journal of Magnetism and Magnetic Materials, 2004, 284, 172-180.	1.0	3
303	Sign change of the thermoelectric power in LaCoO$_mathsf{3}$. European Physical Journal B, 2004, 39, 145-148.	0.6	48
304	Influence of oxygen vacancies on the magnetic and electrical properties of La $mathsf{_{1-x}}$ Sr $mathsf{_{x}}$ MnO $mathsf{_{3-x/2}}$ manganites. European Physical Journal B, 2004, 42, 51-61.	0.6	101
305	Valence State of Ru at the Mn Sites in Pr0.5Sr0.5MnO3: Thermoelectric Power and X-Ray Absorption Near-Edge Structure Spectroscopy. Journal of Superconductivity and Novel Magnetism, 2004, 17, 183-186.	0.5	9
306	Relationship between the onset of ferromagnetism and the training effect in CMR perovskite manganites. Journal of Physics Condensed Matter, 2004, 16, L101-L107.	0.7	5

#	Article	IF	Citations
307	Effect of trivalent cation substitution for manganese upon ferromagnetism in Ln0.57Ca0.43MnO3 (Ln=Pr, Nd). Solid State Communications, 2004, 132, 487-492.	0.9	12
308	Phase competition in Pr0.8â˜'La Na0.2Mn1â˜'Me O3. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E287-E288.	1.0	0
309	Magnetic and electronic ground states of B-site-substituted LaMnO3: from antiferromagnetism to ferromagnetism. Journal of Magnetism and Magnetic Materials, 2004, 280, 75-83.	1.0	14
310	Dome-Shaped Magnetic Phase Diagram of Thermoelectric Layered Cobaltites. ChemInform, 2004, 35, no.	0.1	0
311	Linear Antiferromagnetism in Ba2CoS3.. ChemInform, 2004, 35, no.	0.1	0
312	Spin Reorientation Associated with a Structural Transition in the Iron Oxycarbonate Sr4Fe2O6CO3.. ChemInform, 2004, 35, no.	0.1	0
313	A New Thermoelectric Misfit Cobaltite: [Sr2CoO3][CoO2]1.8.. ChemInform, 2004, 35, no.	0.1	1
314	From A-type antiferromagnetism to ferromagnetism in half-doped perovskite manganites. Journal of Magnetism and Magnetic Materials, 2004, 270, 194-202.	1.0	10
315	Investigation of granular Cu80(Sm0.17Co0.83)10Fe10 ribbons with magnetoresistive properties. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1714-1715.	1.0	3
316	The nanoscopic separation of magnetic phases in Cr-doped manganites Pr0.44Sr0.56MnO3. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1085-E1086.	1.0	1
317	Electron magnetic resonance (EMR) study of CaMn1â˜'Ru O3 perovskites: an inhomogeneous ground state induced by Ru-doping. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1627-E1629.	1.0	3
318	Diluted magnetic interactions in an oxygen-deficient perovskite cobaltite: magnetoresistance in the		

#	Article	IF	Citations
325	Revealing polarons with high pressure on low electron-doped manganites. Physical Review B, 2004, 70, .	1.1	17
326	Thermoelectric Power ofHoBaCo2O5.5: Possible Evidence of the Spin Blockade in Cobaltites. Physical Review Letters, 2004, 93, 026401.	2.9	206
327	An NMR study of Pr0.5Ca0.5Mn1-xGaxO3(x=0 and 0.03). Acta Physica Polonica A, 2004, 105, 189-195.	0.2	1
328	A magnetic study of the one dimensional Sr $mathsf{_{3}}$ NiIrO $mathsf{_{6}}$ compound. European Physical Journal B, 2003, 35, 317-323.	0.6	21
329	Magnetoresistance and magnetothermopower properties of Bi/Ca/Co/O and Bi(Pb)/Ca/Co/O misfit layer cobaltites. Journal of Physics Condensed Matter, 2003, 15, 2711-2723.	0.7	129
330	Cationic ordering in hexagonal perovskite derivatives: 12 R-ordered polytype oxides, Ba12Ca3Mo3Mn6O36 and Ba12In3Mn9O34.5. Solid State Sciences, 2003, 5, 243-248.	1.5	18
331	Electron magnetic resonance and pressure studies of Sm0.2Ca0.8Mn1âˆ'xRuxO3 ceramics. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 589-591.	1.0	5
332	Electronic noise in magnetic low-dimensional materials and nanostructures. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 119-124.	1.0	5
333	Staircase effect in metamagnetic transitions of charge and orbitally ordered manganites. Journal of Magnetism and Magnetic Materials, 2003, 264, 183-191.	1.0	85
334	Role of the A-site cations on the magnetic structures and transport properties in the Nd0.7Ba0.3âˆ'ySryMnO3 (0â©½yâ©½0.2) perovskite. Journal of Magnetism and Magnetic Materials, 2003, 264, 221-233.	1.0	18
335	First Series of Transition-Metal-Layered Oxycarbonates: Sr4Fe2-xMxO6CO3 (M: Sc, Ni, Co).. ChemInform, 2003, 34, no.	0.1	0
336	Cationic Ordering in Hexagonal Perovskite Derivatives: 12 R-Ordered Polytype Oxides, Ba12Ca3Mo3Mn6O36 and Ba12In3Mn9O34.5.. ChemInform, 2003, 34, no.	0.1	0
337	Pr0.5Sr0.5-xBaxMnO3: Size and Mismatch Effects on Structural and Magnetic Transitions.. ChemInform, 2003, 34, no.	0.1	0
338	Charge ordering and phonon anomalies in Pr0.5Ca0.5MnO3. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 104, 131-136.	1.7	5
339	Chargeâ€"orbital ordering above room temperature in the 2D Pr1âˆ'xCa1+xMnO4 manganites. Journal of Solid State Chemistry, 2003, 170, 361-367.	1.4	26
340	Extension of the misfit series to the mercury-based cobaltites. Journal of Solid State Chemistry, 2003, 170, 374-381.	1.4	21
341	The oxycarbonates Sr4(Fe2âˆ'xMnx)1+y(CO3)1âˆ'3yO6(1+y): nano, micro and average structural approach. Journal of Solid State Chemistry, 2003, 170, 424-434.	1.4	8
342	Structural and magnetic phase diagram and room temperature CMR effect of La1âˆ'xAgxMnO3. Solid State Communications, 2003, 126, 229-234.	0.9	130

#	Article	IF	Citations
343	FMR probing of â€˜spontaneousâ€™ and Ru-doping induced ferromagnetism in Sm0.2Ca0.8Mn1â^'xRuxO3 (xâ‰0.08) manganites. Solid State Communications, 2003, 126, 395-399.	0.9	20
344	Room temperature magnetoresistance in Ln2/3A1/3MnO3 manganites. Solid State Communications, 2003, 127, 551-555.	0.9	15
345	Effect of hydrostatic pressure on the metalâ€“insulator transition temperature of Pr0.7Ca0.3MnO3-based perovskites. Physica B: Condensed Matter, 2003, 325, 57-64.	1.3	8
346	Peak effect in an irradiated microbridge of Bi-2212 single crystal: evidence for a Bragg Bose glass?. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 104, 113-117.	1.7	4
347	One dimensional compounds with large thermoelectric power: Ca3Co2O6 and Ca3CoMO6 with M=Ir4+ and Rh4+. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 104, 121-125.	1.7	51
348	Neutron scattering evidence for magnetic-field-driven abrupt magnetic and structural transitions in a phase-separated manganite. Physical Review B, 2003, 68, .	1.1	43
349	Comparison ofCaMn1â^'xRuxO3andCaMn1â^'yMoyO3perovskites. Physical Review B, 2003, 67, .	1.1	78
350	First Series of Transition-Metal-Layered Oxycarbonates:Â Sr4Fe2-xMxO6CO3(M = Sc, Ni, Co). Chemistry of Materials, 2003, 15, 1273-1282.	3.2	7
351	Observation of spontaneous magnetization jumps in manganites. Physical Review B, 2003, 68, .	1.1	79
352	Pr0.5Sr0.5-xBaxMnO3: Size and Mismatch Effects on Structural and Magnetic Transitions. Chemistry of Materials, 2003, 15, 1886-1896.	3.2	19
353	Giant anisotropic magnetostriction in Pr0.5Sr0.5MnO3. Applied Physics Letters, 2003, 82, 242-244.	1.5	17
354	Specific heat investigation of the magnetic ordering in two frustrated spin-chain oxides: Ca3Co2O6and Ca3CoRhO6. Journal of Physics Condensed Matter, 2003, 15, 5737-5746.	0.7	43
355	Sharp magnetization steps induced by A-site substitution in Pr0.5Ca0.5MnO3. Journal of Physics Condensed Matter, 2003, 15, 7055-7062.	0.7	20
356	Abrupt jumps in the metamagnetic transitions of orbitally ordered manganites. Journal of Applied Physics, 2003, 93, 7361-7363.	1.1	30
357	Valence State of Ru at the Mn Sites in Pr0.5Sr0.5MnO3. International Journal of Modern Physics B, 2003, 17, 3745-3748.	1.0	2
358	Calorimetric and magnetic investigations of the metamagnetPr0.5Ca0.5Mn0.95Ga0.05O3. Physical Review B, 2003, 67, .	1.1	60
359	Magnetoresistive behavior of Cr-doped manganites Pr0.44Sr0.56MnO3. Journal of Applied Physics, 2003, 93, 8083-8085.	1.1	2
360	Staircase-like metamagnetic transitions in phase-separated manganites: Influence of thermal and mechanical treatments. Journal of Applied Physics, 2003, 94, 5316.	1.1	21

#	Article	IF	Citations
361	Metallicity and thermopower of the misfit cobaltite[Bi2Ba1.8Co0.2O4]RS[CoO2]2. Physical Review B, 2003, 67, .	1.1	96
362	Magnetization steps in a noncharge-ordered manganite, Pr0.5Ba0.5MnO3. Applied Physics Letters, 2003, 82, 4746-4748.	1.5	25
363	The Pr0.5Ca0.5Mn1ÂxCrxO3series (0 ÂxÂ 0.5): evidence of steps in the magnetic and transport properties for a narrow composition range. Journal of Physics Condensed Matter, 2003, 15, 2701-2709.	0.7	18
364	Model of ground state in electron-doped Ca1â^'xSmxMnO3 (0<xâ©½0.20) manganites and ferromagnetic resonance probing of â€œspontaneous ferromagnetismâ€•in Ca0.8Sm0.2MnO3. Journal of Applied Physics, 2003, 93, 8077-8079.	1.1	6
365	Induced ferromagnetism inLaMnO3by Mn-site substitution: â€ƒThe major role of Mn mixed valency. Physical Review B, 2002, 65, .	1.1	69
366	Ferromagnetism and metallicity inSm0.2Ca0.8Mn1â^'xRuxO3(x=0â€“0.08):Interplay between Ru doping and hydrostatic pressure. Physical Review B, 2002, 65, .	1.1	25
367	Hopping conductivity in one-dimensionalCa3Co2O6single crystals. Physical Review B, 2002, 65, .	1.1	61
368	Field effect on phase segregation in the electron-doped mixed-valence manganites near a structural instability. Physical Review B, 2002, 65, .	1.1	30
369	Magnetism and transport inPr1â^'xSrxMnO3single crystals(0.48<~x<~0.57). Physical Review B, 2002, 66, .	1.1	31
370	Universal behavior of the in-plane paraconductivity of cuprate superconductors in the short-wavelength fluctuation regime. Physical Review B, 2002, 65, .	1.1	18
371	Transport and magnetic properties of Ca3â^'xSrxCo4O9. Journal of Applied Physics, 2002, 92, 124-128.	1.1	26
372	Anomalous microwave conductivity due to collective transport in the pseudogap state of cuprate superconductors. Physical Review B, 2002, 65, .	1.1	15
373	Magnetoresistive properties of Pr[sub 0.65]Ca[sub 0.21]Sr[sub 0.14]MnO[sub 3] ferromagnets: Evidence of phase separation. Journal of Applied Physics, 2002, 91, 7727.	1.1	5
374	Pressure effect on transport properties of electron-doped Sm[sub 0.2]Ca[sub 0.8]Mn[sub 1â^'x]Ru[sub x]O[sub 3](x=0; 0.04) manganites. Journal of Applied Physics, 2002, 91, 7409.	1.1	2
375	Thermopower enhancement in misfit cobaltites. Journal of Applied Physics, 2002, 92, 1964-1967.	1.1	60
376	HOPPING CONDUCTIVITY IN ONE-DIMENSIONAL Ca3Co2O6 SINGLE CRYSTAL. International Journal of Modern Physics B, 2002, 16, 3289-3292.	1.0	5
377	Substitution at the Ru site in the itinerant ferromagnet SrRuO3. Journal of Physics Condensed Matter, 2002, 14, 7391-7398.	0.7	87
378	Doping at the Mn site of the electron-doped manganite Ca0.9Ce0.1MnO3. Journal of Physics Condensed Matter, 2002, 14, 9039-9052.	0.7	13

#	Article	IF	Citations
379	Thermoelectric power of Pr 0.5 Sr 0.5 MnO 3 with Ru substitution at the Mn site. , 2002, 4811, 266.		0
380	Magnetization jumps and thermal cycling effect induced by impurities in Pr0.6Ca0.4MnO3. Journal of Physics Condensed Matter, 2002, 14, 11809-11819.	0.7	48
381	Insulator-metal like transition in air-synthesized Mn4+-rich La1-xBaxMnO3: grain boundary phase effect. Journal of Physics Condensed Matter, 2002, 14, 1297-1306.	0.7	36
382	Magnetic versus orbital polarons in colossal magnetoresistance manganites. Physical Review B, 2002, 65, .	1.1	86
383	Large Oxygen Deficiency in an= 2 Member of the RP Series: Sr3FeCoO7-x(xâ©½ 1.55). Chemistry of Materials, 2002, 14, 3128-3135.	3.2	32
384	New Misfit Cobaltites [Pb0.7A0.4Sr1.9O3][CoO2]1.8(A = Hg, Co) with Large Thermopower. Chemistry of Materials, 2002, 14, 3100-3105.	3.2	50
385	Large Thermopower in Metallic Misfit Cobaltites. Chemistry of Materials, 2002, 14, 1231-1235.	3.2	55
386	Variable-Temperature Electrical Measurements of Zinc Oxide/Tin Oxide-Cosubstituted Indium Oxide. Chemistry of Materials, 2002, 14, 52-57.	3.2	45
387	Two dimensional metallic conductivity in Pr[sub 1â^'x]Sr[sub x]MnO[sub 3] antiferromagnets. Journal of Applied Physics, 2002, 91, 8275.	1.1	12
388	The magnetic properties of the hole-doped cobaltites R0.5A0.5CoO3(R Â La, rare earth and A Â Ca, Sr, Ba). Journal of Physics Condensed Matter, 2002, 14, 8595-8604.	0.7	30
389	Structuralâ€“magnetic phase diagram of Mo-substituted CaMnO3: consequences for thermoelectric power properties. Journal of Materials Chemistry, 2002, 12, 1806-1811.	6.7	54
390	Magnetothermoelectric power ofPr0.5Sr0.5MnO3with Ru substitution at the Mn site. Physical Review B, 2002, 66, .	1.1	25
391	A new form of oxygen deficient 1201-cobaltite (Tl0.4Sr0.5Co0.1)Sr2CoO5 â€“ Î´: structure, transport and magnetic properties. Journal of Materials Chemistry, 2002, 12, 1009-1016.	6.7	11
392	Orbital ordering induced by high impurity levels: Does long-range orbital ordering exist in manganites?. Journal of Applied Physics, 2002, 91, 4267-4270.	1.1	14
393	Ultrasharp Magnetization Steps in Perovskite Manganites. Physical Review Letters, 2002, 89, 286602.	2.9	214
394	Destabilization of the cooperative Jahnâ€“Teller effect in Sm0.2Ca0.8MnO3 by Ru-doping. Journal of Magnetism and Magnetic Materials, 2002, 241, 303-314.	1.0	21
395	Synthesis, structural approach and electronic properties of V18O45, (N2C6H14)6: a new organically templated vanadium oxide exhibiting V2O5 layer topology. Solid State Sciences, 2002, 4, 285-288.	1.5	3
396	Bi0.5Sr0.5â^'xCaxMnO3 phase diagram: aÂdiscontinuous evolution. Solid State Sciences, 2002, 4, 917-921.	1.5	11

#	Article	IF	Citations
397	Strained Structure in Ho0.5Sr0.5MnO3. Journal of Solid State Chemistry, 2002, 165, 65-73.	1.4	12
398	Magnetic-Field-Induced Step-like Transitions in Mn-Site Doped Manganites. Journal of Solid State Chemistry, 2002, 165, 6-11.	1.4	75
399	Extension of the â€œ1201â€•Family to Strontium-Rich Chromite and Ferrite, Bi0.4Sr2.5Cr1.1O4.9 and Bi0.4Sr2.5Fe1.1O5. Journal of Solid State Chemistry, 2002, 167, 48-58.	1.4	13
400	Structural and magnetic properties in bidimensional manganites. Applied Physics A: Materials Science and Processing, 2002, 74, s683-s685.	1.1	0
401	Electronic conductivity in 1D Co spin chain single crystal. Physica B: Condensed Matter, 2002, 320, 337-339.	1.3	7
402	Magnetic properties of Ga-doped lanthanum manganite with controlled oxygen stoichometry. Crystal Engineering, 2002, 5, 299-306.	0.7	11
403	Perovskite manganites and layered cobaltites: potential materials for thermoelectric applications. Crystal Engineering, 2002, 5, 365-382.	0.7	96
404	Modeling of the thermopower of electron-doped manganites. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 303, 223-228.	0.9	17
405	Phase stability and properties of the hole doped perovskite cobaltites (La1âˆ’xRx)0.7Ba0.3CoO3âˆ’Î´ (0.0â‰¤xâ‰¤1.0; R=Pr, Nd). Solid State Communications, 2002, 121, 537-542.	0.9	4
406	Important role of impurity eg levels on the ground state of Mn-site doped manganites. Solid State Communications, 2002, 121, 229-234.	0.9	101
407	Avalanche like field dependent magnetization of Mn-site doped charge-ordered manganites. Solid State Communications, 2002, 122, 335-340.	0.9	68
408	Magnetic and transport properties, and electronic structure of the layered chalcogenide AgCrSe2. Solid State Communications, 2002, 122, 607-612.	0.9	20
409	Vacancies at Mn-site in Mn3+ rich manganites: a route to ferromagnetism but not to metallicity. Solid State Communications, 2002, 123, 311-315.	0.9	37
410	Instability of magnetism and conductivity in CMR manganites: role of Mn-site doping and thermal cycling. Journal of Physics and Chemistry of Solids, 2002, 63, 901-905.	1.9	10
411	Magnetic interaction in Mg, Ti, Nb doped manganites. European Physical Journal B, 2002, 28, 75-80.	0.6	51
412	Magnetization and resistivity steps in the phase separated Pr Ca Mn Ni O manganites. European Physical Journal B, 2002, 29, 419-424.	0.6	42
413	Polarized infrared reflectivity study of an oriented ceramic of Bi 2 Sr 2 Ca 2 Cu 3 O 10 + Î´ (Bi-2223). European Physical Journal B, 2002, 25, 423-429.	0.6	4
414	Title is missing!. European Physical Journal B, 2002, 25, 423-429.	0.6	5

#	Article	IF	Citations
415	The route to CMR manganites: what about charge ordering and phase separation?. Journal of Materials Chemistry, 2001, 11, 29-36.	6.7	70
416	Hâ^'Tmagnetic phase diagrams of electron-dopedSm1â^'xCaxMnO3:â€ƒ Evidence for phase separation and metamagnetic transitions. Physical Review B, 2001, 63, .	1.1	75
417	Electron doping inCaMnO3induced by Mo for Mn substitution: An efficient route to orbital and charge ordering. Physical Review B, 2001, 63, .	1.1	28
418	Ru doping of the A-type antiferromagnet Pr0.5Sr0.5MnO3: Conversion to a metallic ferromagnet. Journal of Applied Physics, 2001, 89, 500-503.	1.1	37
419	Probing the underlying charge ordering: Ruthenium-doped Sm1â^'xSrxMnO3 perovskite manganites. Journal of Applied Physics, 2001, 89, 2232-2236.	1.1	12
420	Magnetic phase diagram of Ru-dopedSm1â^'xCaxMnO3manganites: Expansion of ferromagnetism and metallicity. Physical Review B, 2001, 63, .	1.1	121
421	Influence of Fe-Site Substitutions upon Intragrain and Intergrain Magnetoresistance in the Double-Perovskite Ba2FeMoO6. Chemistry of Materials, 2001, 13, 1746-1751.	3.2	24
422	Double â€œMn3+â€•Stripes in Bi1-xSrxMnO3:â€‰ New Type of Charge Ordering at Room Temperature. Chemistry of Materials, 2001, 13, 1356-1363.	3.2	66
423	A Layered Oxycarbonate Involving Trivalent Chromium:Â Sr4FeCrO6CO3. Chemistry of Materials, 2001, 13, 2423-2429.	3.2	8
424	Large thermopower in metallic misfit cobalt oxides : improvement by cationic substitutions. Materials Research Society Symposia Proceedings, 2001, 691, 1.	0.1	0
425	Induced ferromagnetism and colossal magnetoresistance by Ir-doping in Pr 1 - x Ca x MnO 3. European Physical Journal B, 2001, 24, 85-89.	0.6	14
426	Ferromagnetism and metallicity in the CaMn1â^'xRuxO3 perovskites: a highly inhomogeneous system. Solid State Communications, 2001, 117, 377-382.	0.9	90
427	A Co(IV)-rich 2D ferromagnet with magnetoresistance properties: Sr3FeCoO7â^'Î´. Solid State Communications, 2001, 118, 517-522.	0.9	25
428	Ruthenium doping of the layered charge ordered manganites, La0.5Sr1.5MnO4 and LaSr2Mn2O7. Solid State Communications, 2001, 120, 363-368.	0.9	8
429	Electron rich manganites Pr0.4A0.6MnO3: influence of A cations upon structure, magnetism and conductivity. Journal of Physics and Chemistry of Solids, 2001, 62, 1365-1374.	1.9	8
430	Hâ€“T magnetic phase diagrams of electron-doped Sm1â^'xCaxMnO3. Physica B: Condensed Matter, 2001, 294-295, 119-123.	1.3	7
431	Magnetotransport properties in Hg-1201 single crystals. Physica C: Superconductivity and Its Applications, 2001, 349, 189-195.	0.6	7
432	Spectacular Increase of Resistivity by Thermal Cycling under a Magnetic Field in Pr0.5Ca0.5Mn0.99Cr0.01O3. Journal of Solid State Chemistry, 2001, 160, 1-3.	1.4	11

#	Article	IF	Citations
433	Ru Doping of Perovskite Manganites: An Effective Route to Ferromagnetism, Metallicity, and CMR. Journal of Superconductivity and Novel Magnetism, 2001, 14, 217-229.	0.5	19
434	Magnetoresistance in the ferromagnetic metallic perovskite SrFe1â^'xCoxO3. Solid State Sciences, 2001, 3, 57-63.	1.5	76
435	Nanostructural study of the charge ordering vs. x and T in the Cr doped Pr0.5Ca0.5Mn1â€“xCrxO3 manganites. Solid State Sciences, 2001, 3, 391-406.	1.5	7
436	Kondo-like effect in the double exchange ferromagnet La0.5â^'xCexSr0.5MnO3. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 777-779.	1.0	13
437	A magnetic study of magnetoresistive Cuâ€“(SmCo5)â€“Fe heterogranular alloys. Journal of Magnetism and Magnetic Materials, 2001, 234, 95-99.	1.0	4
438	Pinning properties in (Hg0.8Cu0.2)Ba2CuO4+Î´single crystals: relaxation and irradiation studies. Superconductor Science and Technology, 2001, 14, 659-662.	1.8	4
439	The structural, magnetic and electrical properties of the hole-doped cobaltites La0.7(Ca1-xBax)0.3CoO3(x= 0.0, 0.5 and 1.0). Journal of Physics Condensed Matter, 2001, 13, 10911-10924.	0.7	15
440	Absence of isotope effect in Mn4+-rich CMR manganites Sm1-xCaxMnO3(x~0.85-0.88). Journal of Physics Condensed Matter, 2001, 13, 1103-1109.	0.7	0
441	Large thermopower in a metallic cobaltite:â€ƒThe layered Tl-Sr-Co-O misfit. Physical Review B, 2001, 64, .	1.1	130
442	Pressure effects on the charge-ordering state inSm0.2Ca0.8Mn1â^'xRuxO3(x=0,0.04). Physical Review B, 2001, 64, .	1.1	11
443	Instability of metal-insulator transition against thermal cycling in phase separated Cr-doped manganites. Physical Review B, 2001, 64, .	1.1	70
444	Magnetic ground states in Pr1â^'xSrxMnO3 (x=0.48â^'0.75). Journal of Applied Physics, 2001, 89, 7404-7406.	1.1	14
445	Anomalous increase of resistivity against thermal cycling in some of the phase separated manganites. Journal of Applied Physics, 2001, 90, 2422-2426.	1.1	23
446	Rhodium doped manganites: Ferromagnetism and metallicity. Journal of Applied Physics, 2001, 90, 1297-1302.	1.1	11
447	Orderâ€“Disorder Phenomena in the Perovskite-Related Oxyborocarbonates SrMn1â^'y(B, C)yO3â^'Î´. Journal of Solid State Chemistry, 2000, 149, 226-235.	1.4	5
448	Mn-Site Doped CaMnO3: Creation of the CMR Effect. Journal of Solid State Chemistry, 2000, 149, 203-207.	1.4	83
449	Two New Sr-Rich Layered Manganites with a 1:1 Biâ€“Sr Ordering: 1201 Bi0.4Sr2.6MnO5â^'Î´ and 2201 Bi0.9Sr3.1MnO6â^'Î´. Journal of Solid State Chemistry, 2000, 151, 210-219.	1.4	12
450	Ru-Induced Ferromagnetism and Metallicity in Mn(IV)-Rich Manganites Ln0.4Ca0.6MnO3. Journal of Solid State Chemistry, 2000, 151, 330-334.	1.4	74

#	Article	IF	Citations
451	A Novel Mixed Valent Chromium-Layered Oxide with Peculiar Magnetic Properties: Sr4.5Cr2.5O9. Journal of Solid State Chemistry, 2000, 154, 375-383.	1.4	6
452	Correlations between Micro- and Nanostructures and Magnetic Transitions in the Ru-Doped Sm0.2Ca0.8MnO3 Manganites. Journal of Solid State Chemistry, 2000, 155, 15-21.	1.4	8
453	Coexistence of ferromagnetism and charge ordering in Pr0.5Ca0.5Mn1â˜'Cr O3. Solid State Communications, 2000, 114, 429-433.	0.9	84
454	New Tl/Hg-2212 and -2223 superconducting crystals: growth, structures and superconductivity. Physica C: Superconductivity and Its Applications, 2000, 336, 143-150.	0.6	2
455	Electrical and magnetic properties of Ru1â˜'xMxSr2GdCu2O8 (Mî—»Ti, V and Nb). Physica C: Superconductivity and Its Applications, 2000, 341-348, 481-482.	0.6	10
456	Mn-site doping in colossal magnetoresistance manganites. Physica C: Superconductivity and Its Applications, 2000, 341-348, 711-714.	0.6	13
457	Images of interlayer Josephson vortices in single-layer cuprates. Physica C: Superconductivity and Its Applications, 2000, 341-348, 977-980.	0.6	3
458	Structure and superconductivity of Hg based cuprates: (Hg, Cu)-1201 single crystals and the new Hg0.65Re0.35Sr4Cu2CO3O7 oxycarbonate. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1817-1820.	0.6	3
459	Electron paramagnetic resonance of cerium and alkali-doped manganites: a tool for fast characterization within a combinatorial chemistry approach. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 77, 11-14.	1.7	4
460	Crystal growth, structure, and properties of manganese orthovanadate Mn3(VO4)2. Solid State Sciences, 2000, 2, 99-107.	1.5	23
461	The layered manganate Sr4â˜'Ba Mn3O10: synthesis, structural and magnetic properties. Solid State Sciences, 2000, 2, 1-9.	1.5	29
462	Intragrain and intergrain magnetoresistance In Mn, Fe/Mo and Co simple, double and oxygen deficient perovskite oxides. Journal of Magnetism and Magnetic Materials, 2000, 211, 173-179.	1.0	21
463	Magnetoresistance Properties in Manganese and Cobalt Oxides. Journal of Superconductivity and Novel Magnetism, 2000, 13, 313-328.	0.5	6
464	Ca0.85Sm0.15MnO3:A mixed antiferromagnet with unusual properties. Physical Review B, 2000, 62, 11644-11648.	1.1	61
465	Single crystal study of the one dimensional Ca Co O compound: five stable configurations for the Ising triangular lattice. European Physical Journal B, 2000, 15, 657-663.	0.6	222
466	Enhancement of magnetoresistance in cobaltites by manganese substitution: the oxide La 0.8 Sr 0.2 Co 1-x Mn x O 3. European Physical Journal B, 2000, 13, 41-45.	0.6	11
467	Temperature dependence of infrared conductivity of manganites (x = 0, 0.05 and 0.2). European Physical Journal B, 2000, 14, 617-625.	0.6	6
468	Magnetization steps near the irreversibility line in a mercury-based superconducting cuprate. Physical Review B, 2000, 61, 3610-3615.	1.1	4

#	Article	IF	Citations
469	Negative in-plane and out-of-plane magnetoresistivities in an optimally dopedBi2Sr2Ca0.8Y0.2Cu2O8+Î´single crystal. Physical Review B, 2000, 62, 5378-5381.	1.1	5
470	Anomalous magnetotransport in Pr0.5Ca0.5Mn0.99Cr0.01O3. Applied Physics Letters, 2000, 77, 1517-1519.	1.5	13
471	Magnetic-history-dependent nanostructural and resistivity changes in Pr0.5Ca0.5Mn0.98Cr0.02O3. Applied Physics Letters, 2000, 77, 3254-3256.	1.5	2
472	Comment on â€œTetragonal to monoclinic transition in the metallic antiferromagnetPr0.5Sr0.5MnO3â€• Physical Review B, 2000, 62, 6820-6821.	1.1	9
473	Re and Ru induced CMR effect in CaMnO3: the prime role of valency. Materials Research Bulletin, 2000, 35, 1579-1585.	2.7	46
474	Coexistence of superconductivity and ferromagnetism in 1212-Ru1â^'xMxSr2GdCu2O8 (M=Ti, V, Nb). Solid State Sciences, 2000, 2, 601-608.	0.8	15
475	(Bi0.4Sr0.45Co0.15)Sr2CoO5â^'Î´: a new 1201-type oxygen dependent series of cobaltites. Solid State Sciences, 2000, 2, 687-699.	0.8	12
476	Misfit-layered cobaltite with an anisotropic giant magnetoresistance:Ca3Co4O9. Physical Review B, 2000, 62, 166-175.	1.1	1,033
477	Jahn-Teller distortion and magnetoresistance in electron doped Sr1-xCexMnO3 (x = 0.1, 0.2, 0.3 and 0.4). European Physical Journal B, 2000, 14, 431-438.	0.6	45
478	Extension of ferromagnetism and metallicity to electron-rich manganites by Ru-doping: Generation of new CMR oxides Sm Ca Mn Ru O. European Physical Journal B, 2000, 16, 469-474.	0.6	38
479	Magnetization and magnetoresistive response of LiMn2O4 near the charge ordering transition. Journal of Materials Chemistry, 2000, 10, 1921-1924.	6.7	13
480	Structural study of the electron-doped manganites Sm0.1Ca0.9MnO3 and Pr0.1Sr0.9MnO3: Evidence of phase separation. Physical Review B, 2000, 62, 6442-6449.	1.1	85
481	Direct evidence of phase segregation and magnetic-field-induced structural transition inNd0.5Sr0.5MnO3by neutron diffraction. Physical Review B, 2000, 61, R9229-R9232.	1.1	122
482	Structural and Magnetotransport Transitions in the Electron-Doped Pr1-xSrxMnO3(0.85 â‰¤xâ‰¤ 1) Manganites. Chemistry of Materials, 2000, 12, 1456-1462.	3.2	27
483	Single crystal study of the one dimensional Ca Co O compound: five stable configurations for the Ising triangular lattice. , 2000, 15, 657.		10
484	Anomalous magnetic ordering of Ce and Kondo-like effect in the double-exchange ferromagnet(Pr0.1Ce0.4Sr0.5)MnO3. Physical Review B, 1999, 60, 533-537.	1.1	28
485	Magnetotransport inBi2Sr2Ca1â^'xYxCu2O8+Î´single crystals: From the underdoped to the overdoped regime. Physical Review B, 1999, 60, 12495-12501.	1.1	15
486	Charge disordering induced by electron irradiation in colossal magnetoresistant manganites. Physical Review B, 1999, 60, R726-R729.	1.1	53

#	Article	IF	Citations
487	c-axis magnetoconductivity of anisotropic superconducting single crystals: The density-of-states fluctuation scenario. Physical Review B, 1999, 59, 7216-7221.	1.1	11
488	A possible origin of colossal magnetoresistance in charge-ordered manganate La0.5Ca0.5MnO3. Solid State Communications, 1999, 111, 525-528.	0.9	19
489	Temperature dependence of the muon spin relaxation in Pr1/2Sr1/2MnO3. Physica B: Condensed Matter, 1999, 259-261, 824-825.	1.3	1
490	Effect of underdoping on the superconductivity of (Hg,Cu)Ba2CuO4+Î´`1201' single crystals. Physica C: Superconductivity and Its Applications, 1999, 314, 196-204.	0.6	16
491	A valence band photoemission study of a Tl-2212 superconducting single crystal. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 701-705.	0.8	2
492	Recent Trends in the Research and Optimization of Electron Doped CMR Manganites. Journal of Superconductivity and Novel Magnetism, 1999, 12, 247-256.	0.5	12
493	Evolution of charge ordering in manganites. European Physical Journal B, 1999, 8, 31-41.	0.6	66
494	Cobalt and nickel induced ferromagnetism and metallicity in Ca1â^'xSmxMnO3: influence upon colossal magnetoresistive (CMR) properties. Materials Research Bulletin, 1999, 34, 345-354.	2.7	10
495	Structural and magnetic properties of magnetoresistive Cuî—¸Coî—¸Fe ribbons. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 467-469.	1.0	4
496	Structural refinement effect on the magnetoresistive properties of annealed melt spun Cu-Co-(Fe-Si) ribbons. Journal of Magnetism and Magnetic Materials, 1999, 195, 428-436.	1.0	5
497	Influence of Mn-site doping upon orbital and charge ordering in the Pr0.5A0.5Mn1â^'xMxO3 manganites (A=Sr, Ca and M=Cr, Al). Journal of Magnetism and Magnetic Materials, 1999, 202, 11-21.	1.0	70
498	Two C-type antiferromagnets with different magnetoresistive properties: Sm0.15Ca0.85MnO3 and Pr0.15Sr0.85MnO3. Journal of Magnetism and Magnetic Materials, 1999, 205, 184-198.	1.0	64
499	Structural and Magnetic Studies of Ordered Oxygen-Deficient PerovskitesLnBaCo2O5+Î´, Closely Related to the â€œ112â€•Structure. Journal of Solid State Chemistry, 1999, 142, 247-260.	1.4	555
500	A New Family of Misfit Layered Oxides with Double Rock Salt Layers Biî±(A0.75Â±îµBi0.25Â±îµO)(3+3x)/2MO2(A=Ca, Sr andM=Co, Cr). Journal of Solid State Chemistry, 1999, 142, 305-318.	1.4	61
501	Large Intragrain Magnetoresistance above Room Temperature in the Double Perovskite Ba2FeMoO6. Journal of Solid State Chemistry, 1999, 144, 224-227.	1.4	152
502	A Strontium-Rich 2201-Type Cobaltite with a Nonmodulated Structure: Bi1â^'xSr3+xCoO6â^'Î´. Journal of Solid State Chemistry, 1999, 148, 108-118.	1.4	18
503	Magnetic phase diagrams ofL1â^'xAxMnO3manganites(L=Pr,Sm;A=Ca,Sr). Physical Review B, 1999, 60, 12191-12199.	1.1	495
504	Structural Instability of the Charge Ordered CompoundNd0.5Sr0.5MnO3under a Magnetic Field. Physical Review Letters, 1999, 82, 2191-2194.	2.9	76

#	Article	IF	Citations
505	Size mismatch:â€‚A crucial factor for generating a spin-glass insulator in manganites. Physical Review B, 1999, 60, 15214-15219.	1.1	84
506	A New Cobaltite with a Tubular Structure:â€‰ Bi3.7Sr11.4Co8O28-Î´, the n = 2 Member of the Series [Bi2Sr2CoO6]n[Sr8Co6O16-Î´]. Chemistry of Materials, 1999, 11, 84-89.	3.2	18
507	Interplay between transport, magnetic, and ordering phenomena inSm1â^'xCaxMnO3. Physical Review B, 1999, 60, 14057-14065.	1.1	146
508	Charge ordering-disordering in the Th-doped CaMnO. European Physical Journal B, 1999, 10, 397-408.	0.6	7
509	Magnetic and Structural Transitions in the Half-Doped Manganites Pr0.5Sr0.5-xCaxMnO3. Chemistry of Materials, 1999, 11, 536-541.	3.2	40
510	Phase Relations, Crystal Structure, and Electron Transport Properties of Phosphate Tungsten Bronzes (KxNay)(PO2)4(WO3)2m(m= 4, 6). Chemistry of Materials, 1999, 11, 2049-2056.	3.2	11
511	The Fourth Member of the Tubular Family [Bi2Sr2CoO6]n[Sr8Co6O16-Î´]: Bi5.8Sr15.2Co10O40-Î´. Chemistry of Materials, 1999, 11, 3539-3544.	3.2	2
512	Magnetism and CMR in Electron Doped Perovskite and Layered Manganites. Materials Research Society Symposia Proceedings, 1999, 602, 145.	0.1	0
513	Magnetic imaging of interlayer Josephson vortices. , 1999, , 139-144.		0
514	Magnetotransport phenomena inA(Mn3â^'xCux)Mn4O12â€‚(A=Ca,Tb, Tm) perovskites. Physical Review B, 1998, 58, 14903-14907.	1.1	57
515	Charge states of transition metal in â€œCr, Co and Niâ€•doped Ln Ca MnO CMR manganites. European Physical Journal B, 1998, 4, 159-167.	0.6	60
516	Local ordering of the chromate groups in the â€œ1212â€•superconductor Tl0.9(CrO4)0.2Sr2Ca0.9Cu2O6.2â^'Î´. Physica C: Superconductivity and Its Applications, 1998, 296, 195-204.	0.6	5
517	Structure of new Hg0.75V0.25Ba2CuO4+Î´ superconducting single crystals.. Physica C: Superconductivity and Its Applications, 1998, 307, 128-136.	0.6	10
518	Magnetization relaxation and aging in spin-glass (La,Y)1â^'xCaxMnO3 (x=0.25, 0.3 and 0.5) perovskite. Journal of Magnetism and Magnetic Materials, 1998, 184, 83-88.	1.0	35
519	Structural transitions in the manganite Pr0.5Sr0.5MnO3. Journal of Magnetism and Magnetic Materials, 1998, 184, 71-82.	1.0	139
520	Charge and magnetic order suppression by Mn site doping in layered and three-dimensional manganites. Journal of Magnetism and Magnetic Materials, 1998, 183, 143-151.	1.0	43
521	CMR properties of Cr-doped Mn(IV)-rich manganites Ca1â^'xSmxMnO3. Journal of Magnetism and Magnetic Materials, 1998, 188, 185-194.	1.0	49
522	Orientation of Nd and Mn magnetic moments in a CMR Nd0.72Ba0.28MnO3 by X-ray magnetic circular dichroism. Journal of Magnetism and Magnetic Materials, 1998, 190, 307-317.	1.0	14

#	Article	IF	Citations
523	Charge ordering and structural transitions in Pr0.5Sr0.41Ca0.09MnO3. Journal of Magnetism and Magnetic Materials, 1998, 190, 221-232.	1.0	45
524	Studies on Magnetic Properties of MnTi1â^'xNbxO3System. Journal of Solid State Chemistry, 1998, 136, 115-119.	1.4	5
525	Synthesis and Crystal Chemistry of a New Manganite Member Bi3.6Sr12.4Mn8O28+Î´,n=2 of the [Bi2Sr2MnO6]n[Sr8Mn6O16+Î']-Related â€œTubularâ€•Family. Journal of Solid State Chemistry, 1998, 138, 278-289.	1.4	11
526	Characterization of New Lead-Based Monophosphate Tungsten Bronzes, Pbx(PO2)4(WO3)2m(6â‰mâ‰10). Journal of Solid State Chemistry, 1998, 139, 362-372.	1.4	5
527	Magnetoresistance of TbCu3Mn4O12 and Ca(Cu1.5Mn1.5)Mn4O12 Ferrimagnets with Perovskite Structure. Physica Status Solidi A, 1998, 169, R1-R2.	1.7	5
528	Observation of magnetic frustration in Dy2Cr2C3 system. Solid State Communications, 1998, 105, 169-172.	0.9	0
529	The â€œ1201â€•bismuth based cobaltite Bi0.5Cd0.3Sr2Co1.2O5â^'Î´: A new magnetoresistant spin glass like insulator. Solid State Communications, 1998, 105, 583-588.	0.9	13
530	Anomalous magnetotransport properties of the highly A-site mismatched manganite Nd0.7Ba0.3MnO3. Solid State Communications, 1998, 107, 363-368.	0.9	35
531	What about the role of B elements in the CMR properties of ABO3 perovskites?. Journal of Alloys and Compounds, 1998, 275-277, 461-467.	2.8	33
532	Role of the A-site size and oxygen stoichiometry in charge ordering commensurability of Ln0.50Ca0.50MnO3 manganites. Journal of Applied Physics, 1998, 84, 5506-5514.	1.1	62
533	Mn-site doping induced CMR properties in calcium rich manganites ( ). European Physical Journal B, 1998, 1, 145-150.	0.6	25
534	Transition from a paramagnetic metallic to a cluster glass metallic state in electron-doped perovskite manganites. Physical Review B, 1998, 58, 2758-2763.	1.1	208
535	Ferromagnetism and magnetoresistance in monolayered manganites Ca2â^'xLnxMnO4. Journal of Materials Chemistry, 1998, 8, 2411-2416.	6.7	34
536	The 63 K phase transition of ZrTe3: a neutron diffraction study. Journal of Materials Chemistry, 1998, 8, 2869-2874.	6.7	16
537	Modulated charge ordering process in Sm0.5Ca0.5Mn1â^'xCrxO3 manganites. Journal of Materials Chemistry, 1998, 8, 1405-1411.	6.7	31
538	Colossal Magnetoresistance Manganite Perovskites:Â Relations between Crystal Chemistry and Properties. Chemistry of Materials, 1998, 10, 2641-2652.	3.2	240
539	Factors Governing the Magnetoresistance Properties of the Electron-Doped Manganites Ca1-xAxMnO3(A = Ln, Th). Chemistry of Materials, 1998, 10, 950-954.	3.2	165
540	Barium-Based Manganites Ln1-xBaxMnO3with Ln = {Pr, La}: Phase Transitions and Magnetoresistance Properties. Chemistry of Materials, 1998, 10, 252-259.	3.2	66

#	Article	IF	Citations
541	The intrinsic crossing point of the magnetization vs. temperature curves in superconducting cuprates in the high-magnetic-field limit. Europhysics Letters, 1998, 42, 461-466.	0.7	18
542	Neutron diffraction evidence for a new ferromagnetic phase in Cr doped Pr0.5Ca0.5MnO3. Applied Physics Letters, 1998, 73, 3772-3774.	1.5	69
543	Doping dependence of the in-plane penetration depth and fishtail inBi2Sr2Ca1â^'xYxCu2O8+Î´single crystals. Physical Review B, 1998, 58, 15231-15237.	1.1	31
544	c-axis resistivity of Hg-1201 single crystals. Journal of Applied Physics, 1998, 84, 5080-5083.	1.1	10
545	c-Axis Penetration Depth of Hg-1201 Single Crystals. Physical Review Letters, 1998, 81, 2140-2143.	2.9	68
546	Non-Conventional Infrared Conductivity of La2CuO4.06 and Pr0.7Sr0.2Ca0.1MnO3. International Journal of Modern Physics B, 1998, 12, 3393-3396.	1.0	2
547	The effect of Mn-site doping on the magnetotransport properties of CMR manganites. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1998, 356, 1635-1659.	1.6	58
548	SynthÃ¨ses et supraconductivitÃ© de monocristaux Ã base de mercure. EPJ Applied Physics, 1998, 1, 11-14.	0.3	0
549	L'oxychromate Tl3(CrO4)Sr8Cu4O16: phÃ©nomÃ¨nes d'ordre entre le thallium et le chrome. EPJ Applied Physics, 1998, 1, 285-288.	0.3	1
550	Scaling behavior of conductivity and magnetization in high-temperature superconductors. Physical Review B, 1997, 55, 3929-3934.	1.1	22
551	Magnetoresistance in the oxygen deficient LnBaCo2O5.4 (Ln=Eu, Gd) phases. Applied Physics Letters, 1997, 71, 1421-1423.	1.5	297
552	Anisotropy of resistivity in Tl-based single crystals: Direct evidence for the influence of the blocking-layer thickness and correlation with superconducting properties. Physical Review B, 1997, 56, 130-133.	1.1	33
553	Magnetic and transport properties of the 1201-phase Tl0.94Sr2Cu0.4Co0.6O5â^'Î´. Physical Review B, 1997, 56, 5504-5511.	1.1	8
554	Spin-glass state and magnetic-field-induced phenomena in distortedEu0.58Sr0.42MnO3perovskite. Physical Review B, 1997, 55, 5596-5599.	1.1	86
555	Mn site doping induced insulator to metal transition in Pr0.6Ca0.4MnO3. Journal of Applied Physics, 1997, 82, 1485-1487.	1.1	48
556	Thermal anomalies and the insulatorâ€“metal (Iâ€“M) transition in Mn3+/Mn4+ perovskites. Journal of Applied Physics, 1997, 81, 4975-4976.	1.1	16
557	Effect ofA-site cation size mismatch on charge ordering and colossal magnetoresistance properties of perovskite manganites. Physical Review B, 1997, 56, 5092-5095.	1.1	71
558	A New Superconducting Oxycarbonitrate:â€‰ (Tl5/6Cr1/6)Sr4Cu2(CO3)1/2(NO3)1/2O7. Chemistry of Materials, 1997, 9, 2205-2211.	3.2	10

#	Article	IF	Citations
559	Extension of colossal magnetoresistance properties to small A site cations by chromium doping in Ln0.5Ca0.5MnO3 manganites. Applied Physics Letters, 1997, 71, 3907-3909.	1.5	149
560	Cation disorder and size effects upon magnetic transitions in Ln0.5A0.5MnO3 manganites. Journal of Applied Physics, 1997, 82, 6181-6185.	1.1	169
561	Cation size-temperature phase diagram of the manganites Ln0.5Sr0.5MnO3. Journal of Applied Physics, 1997, 81, 1372-1377.	1.1	129
562	Study of the Layered Magnetoresistive Perovskite La1.2Sr1.8Mn2O7by High-Resolution Electron Microscopy and Synchrotron X-ray Powder Diffraction. Chemistry of Materials, 1997, 9, 1778-1787.	3.2	59
563	Fluctuation effects on the magnetization above and below the superconducting transition in Tl2Ba2Ca2Cu3O10 crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1539-1540.	0.6	3
564	AC susceptibilities and size effect in Ln0.7(Sr, Ca)0.3MnO3 CMR manganites. Journal of Magnetism and Magnetic Materials, 1997, 168, L237-L242.	1.0	26
565	NICKEL-INDUCED METAL-INSULATOR TRANSITION IN THE SMALL A CATION MANGANITES Ln0.5Ca0.5MnO3. Materials Research Bulletin, 1997, 32, 965-972.	2.7	74
566	Magnesium, a promising dopant for the improvement of the CMR properties of perovskite manganites. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1997, 102, 299-305.	1.1	21
567	Complex competition between ferromagnetism and antiferromagnetism in the CMR manganites Pr1â^'x Ca x MnO3. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1997, 104, 21-26.	1.1	28
568	Single crystals of the 96 K superconductor (Hg,Cu)Ba2CuO4+Î´: growth, structure and magnetism. Physica C: Superconductivity and Its Applications, 1997, 273, 205-212.	0.6	50
569	The 1201 superconductors Hg1â^'y(VO4)y(Ba, Sr)2CuO4â^'2y+Î´: evidence for VO4 tetrahedra. Physica C: Superconductivity and Its Applications, 1997, 277, 119-132.	0.6	11
570	Growth and superconductivity of Bi2Sr2Ca1â^'xYxCu2O8+Î´ single crystals in the Tc optimum region. Physica C: Superconductivity and Its Applications, 1997, 278, 11-22.	0.6	28
571	Superconducting properties of mercury cuprates single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 927-928.	0.6	1
572	A Cr-substituted â€˜1201â€™ superconductor: Tl0.8(CrO4)0.2Ba2Cu04.2 â^' Î´. Physica C: Superconductivity and Its Applications, 1997, 292, 32-38.	0.6	4
573	A monoclinic manganite, La0.9MnO3â^'Î´, with colossal magnetoresistance properties near room temperature. Solid State Communications, 1997, 101, 277-281.	0.9	68
574	Complex magnetotransport in LaSr2Mn2O7. Solid State Communications, 1997, 101, 453-457.	0.9	55
575	Giant negative magnetoresistance in the spin glass insulator Tl0.94Sr2Cu0.4Co0.6O5â^'Î´. Solid State Communications, 1997, 102, 551-554.	0.9	5
576	A New Structure Related to the Layered Cuprates: The â€œ1201â€•Shear-like Phase Tl5Ba3Sr5Cu3O19, Third Member of the Series (TlA2CuO5)mÂ· Tl2A2O4. Journal of Solid State Chemistry, 1997, 128, 150-155.	1.4	1

#	Article	IF	Citations
577	Insulatorâ€“Metal Transition Induced by Cr and Co Doping in Pr0.5Ca0.5MnO3. Journal of Solid State Chemistry, 1997, 130, 162-166.	1.4	293
578	A Bismuth Manganite with the â€œ2212â€•Structure: Bi2â^'xPbxSr1.5Ca1.5Mn2O9â^'Î´. Journal of Solid State Chemistry, 1997, 132, 420-431.	1.4	10
579	CMR Effect in Electron-Doped Manganites Ca1â^'xSmxMnO3. Journal of Solid State Chemistry, 1997, 134, 198-202.	1.4	100
580	Recent trends in the Exploration of Colossal Magneto Resistance Manganites. European Physical Journal Special Topics, 1997, 07, C1-621-C1-624.	0.2	1
581	Effect of aluminium for manganese substitution upon the GMR properties of the praseodymium manganites. Journal of Materials Chemistry, 1996, 6, 1245.	6.7	44
582	The Superconducting Copper Oxychromate Tl3(CrO4)Sr8Cu4O16:â€‰ Long-Range Ordering between Thallium and Chromium. Chemistry of Materials, 1996, 8, 865-873.	3.2	12
583	Microstructural and physical properties of layered manganites oxides related to the magnetoresistive perovskites. Journal of Applied Physics, 1996, 80, 5850-5856.	1.1	39
584	Evidence of new layered cuprates in the Hgâ€“Aâ€“Gdâ€“Cuâ€“O system (A = Ba, Sr). Journal of Materials Chemistry, 1996, 6, 1549-1556.	6.7	1
585	Structure and magnetotransport properties of the layered manganites Re1.2Sr1.8Mn2O7(RE = La, Pr,) Tj ETQq1 1 0.784314 rgBT /Over	6.7	51
586	Evidence for 2D-3D magnetic ordering of Gd in high-Tc-relatedCaGdCuO3Cl andCa4R2Cu3O8Cl4(R=Gd,Sm). Physical Review B, 1996, 54, 12576-12581.	1.1	4
587	Magnetic ordering in pyrochlore Ho2Mn2O7. Journal of Applied Physics, 1996, 79, 6173.	1.1	2
588	Lock-in transition in Bi2Sr2CaCu2O8+Î´ observed through 10GHz dissipation. European Physical Journal D, 1996, 46, 1593-1594.	0.4	2
589	Effects of the splayed disorder on the vortex pinning by columnar defects in superconducting oxides. European Physical Journal D, 1996, 46, 1683-1684.	0.4	0
590	Magnetic field dependence of the resistance and magnetization of the giant magnetoresistive Pr0.7Ca0.25Sr0.05MnO3 polycrystalline sample. Journal of Magnetism and Magnetic Materials, 1996, 152, L5-L9.	1.0	38
591	Neutron diffraction evidence for an antiferromagnetic ordering in the CMR manganites Pr0.7Ca0.3â^'xSrxMnO3. Journal of Magnetism and Magnetic Materials, 1996, 153, L260-L264.	1.0	45
592	Competition between metal-semiconductor and charge ordering transitions in the CMR ceramic. Journal of Magnetism and Magnetic Materials, 1996, 159, L299-L303.	1.0	12
593	Introduction of lanthanide on the mercury site of the HgBa2CuO4 superconductor. Materials Research Bulletin, 1996, 31, 657-663.	2.7	1
594	Splayed configurations of columnar defects in YBa2Cu3O7, (Tl, Bi)Sr2CaCu2O7 and Bi2Sr2CaCu2O8 single crystals study of the enhanced pinning efficiencies for different characteristic angles. Physica C: Superconductivity and Its Applications, 1996, 257, 16-24.	0.6	43

#	Article	IF	Citations
595	Influence of the size of the interpolated cation upon the CMR properties of the perovskites Nd0.7Ca0.3â˜'xSrxMnO3â˜'Î´. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 101, 169-174.	1.1	24
596	Substitution of manganese by trivalent and tetravalent elements in the CMR perovskites Pr1-x(Ca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	51
597	Magnetic Properties of the Oxygen Deficient Perovskites La0.5Ba0.5Co1â˜'xFexO3â˜'Î´. Journal of Solid State Chemistry, 1996, 121, 158-166.	1.4	13
598	Increase ofTNup to 190 K in the Type II CMR Manganite Pr1/2Sr1/2MnO3. Journal of Solid State Chemistry, 1996, 123, 413-416.	1.4	47
599	Increase of the GMR Ratios up to 106by Iron Doping in the Manganite Sm0.56Sr0.44MnO3. Journal of Solid State Chemistry, 1996, 124, 385-387.	1.4	31
600	Improvement of the Thallium Cuprate Thin Films Due to an Optimization of the Doping Holes Densities as Seen by XAS. Journal of Solid State Chemistry, 1996, 125, 5-12.	1.4	1
601	Substitution of Chromium for Univalent Copper in Superconducting Pb2Sr2(Ca,Y)Cu3O8+Î´. Journal of Solid State Chemistry, 1996, 127, 64-71.	1.4	0
602	Colossal magnetoresistance properties of samarium based manganese perovskites. Solid State Communications, 1996, 98, 997-1001.	0.9	56
603	Single crystal study of the â€œ1201â€•superconductor Hg0.8Bi0.2Ba2CuO4+Î´. Physica C: Superconductivity and Its Applications, 1996, 265, 5-12.	0.6	15
604	Superconducting oxycarbonates Hg1â˜'xVxSr4â˜'yBayCu2O7â˜'Î´CO3: three closely related structural families. Physica C: Superconductivity and Its Applications, 1996, 267, 1-9.	0.6	9
605	Magnetic study of HgBa2Ca2Cu3O8+Î´ single crystals: effect of doping on irreversibility and fishtail lines. Physica C: Superconductivity and Its Applications, 1996, 266, 173-177.	0.6	29
606	Modulated ordering of bismuth and strontium in the â€œ1201â€•cuprate. Physica C: Superconductivity and Its Applications, 1996, 271, 111-121.	0.6	4
607	On the role of anisotropy in superconducting cuprates: A complete study of Bi, Hg, Tl ? Single crystals. Journal of Low Temperature Physics, 1996, 105, 1005-1010.	0.6	3
608	Evidence of enhanced pinning properties in optimally doped Bi2Sr2Ca1â˜'xYxCu2O8+Î´ â€‰single crystals. Applied Physics Letters, 1996, 69, 1480-1482.	1.5	20
609	Correlation of the size effect with the thermoelectric power for the Pr-based manganitesPr0.7Ca0.3â˜'xSrxMnO3. Physical Review B, 1996, 54, 11947-11950.	1.1	25
610	Frustrated pyrochlore oxides,Y2Mn2O7,Ho2Mn2O7, andYb2Mn2O7: Bulk magnetism and magnetic microstructure. Physical Review B, 1996, 54, 7189-7200.	1.1	93
611	Synthesis and characterization of single crystals of the superconductorsHg0.8Bi0.2Ba2Canâ˜'1CunO2n+2+Î´(n=2,3). Physical Review B, 1996, 54, 16246-16253.	1.1	35
612	Colossal magnetoresistance properties of the manganese perovskites La0.7â˜'xYxCa0.3MnO3â˜'Î´. Journal of Applied Physics, 1996, 79, 7891-7895.	1.1	38

#	Article	IF	Citations
613	Monoclinic microdomains and clustering in the colossal magnetoresistance manganitesPr0.7Ca0.25Sr0.05MnO3andPr0.75Sr0.25MnO3. Physical Review B, 1996, 53, 14274-14284.	1.1	68
614	Analysis of the lock-in transition inBi2Sr2CaCu2O8+Î´single crystals through microwave dissipation. Physical Review B, 1996, 53, R14757-R14760.	1.1	27
615	Single crystal study of the `BaSr' 1212 superconductor Tl1+x BaSrCa1â^'x Cu2O7â^'Î´. Acta Crystallographica Section B: Structural Science, 1995, 51, 18-22.	1.8	1
616	Copper oxycarbonates with layered structures, a new class of high Tc superoconductors. Microscopy Research and Technique, 1995, 30, 138-154.	1.2	3
617	A New Cuprate with Mercury Bilayers: The "2222" Oxide Hg2-xMxBa2Pr2Cu2O10-Î´ (M = Cu, Pr). Journal of Solid State Chemistry, 1995, 114, 230-235.	1.4	10
618	The Layered Manganocuprate Eu3Ba2Mn2Cu2O12: An Intergrowth between the "123" and "0201" Structures. Journal of Solid State Chemistry, 1995, 115, 1-6.	1.4	16
619	Synthesis and Characterization of Mercury-Based "1222" Cuprates (Hg1-xMx)(Sr,Ba)2Pr2Cu2O9-Î´ (M = Pr,) Tj ETQq1 1 0.784314 rgB	1.4	7
620	A New "1201" Mercury-Based Cuprate with HgCe Mixed Layers: The Oxide Hg0.4Ce0.5Cu0.1Sr2-xLaxCuO4+Î´. Journal of Solid State Chemistry, 1995, 116, 347-354.	1.4	4
621	Spectacular Giant Magnetoresistance Effects in the Polycrystalline Perovskite Pr0.7Sr0.05Ca0.25MnO3-Î´. Journal of Solid State Chemistry, 1995, 117, 424-426.	1.4	194
622	Stabilization of new superconducting thallium cuprates and oxycarbonates by molybdenum. Physica C: Superconductivity and Its Applications, 1995, 254, 33-43.	0.6	9
623	Size of the interpolated cation and hole carrier density: two key parameters for the optimisation of colossal magnetoresistive properties of Pr-based manganites. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1995, 99, 305-310.	1.1	62
624	New superconducting vanadomercury cuprates Hg0.8V0.2Ba2Camâ^'1CumO2m + 2 + Î´. Physica C: Superconductivity and Its Applications, 1995, 243, 214-221.	0.6	20
625	Stabilization of mercury cuprates by bismuth The superconductors Hg â^' xBixBa2Cam â^' 1CumO2m + 2 + Î´. Physica C: Superconductivity and Its Applications, 1995, 241, 1-9.	0.6	44
626	Valence states of post-transition cations (Hg and Bi) and of copper in single-layered superconducting mercury cuprates. Physica C: Superconductivity and Its Applications, 1995, 242, 1-11.	0.6	14
627	The great ability of mercury-based cuprates to accommodate transition elements eleven new superconductors Hg1â^'xMxBa2Camâ^'1CumO2m+2+Î´ (Mî—» V, Mo, W, Ti, Cr). Physica C: Superconductivity and Its Applications, 1995, 243, 233-242.	0.6	51
628	Magnetic study of an overdoped â€œ1223â€•system: TlBa0.8Sr1.2Ca2Cu3O9â^'Î´ single crystals. Physica C: Superconductivity and Its Applications, 1995, 244, 341-348.	0.6	13
629	Two transition-metal-substituted superconducting mercury-based oxycarbonates, Hg1â^'xMxSr4Cu2(CO3)O6+Î´ (M = Cr and Mo). Physica C: Superconductivity and Its Applications, 1995, 246, 1-10.	0.6	26
630	Stabilisation of three new oxycarbonates by V and Cr substitutions The superconductors (Tl,M) 1Sr4Cu2(CO3)O7 (Mî—»Cr, V) and (Hg,V) 1Sr4Cu2(CO3)O6+z. Physica C: Superconductivity and Its Applications, 1995, 249, 220-233.	0.6	30

#	Article	IF	Citations
631	Systematic thermopower measurements of the thallium cuprates Tl(Ba,Sr)2Camâ^'1CumO2m+3â^'Î´ and Tl2Ba2Camâ^'1CumO2m+4+Î´. Physica C: Superconductivity and Its Applications, 1995, 250, 235-239.	0.6	6
632	A mercury based cuprate with the â€œ2212â€•structure: Hg2â^'x(Cu, Pr)xBa2PrCu2O8â^'Î´. Solid State Communications, 1995, 93, 53-56.	0.9	16
633	Up to 50 000 per cent resistance variation in magnetoresistive polycrystalline perovskites (Ln=Nd; Sm). Solid State Communications, 1995, 95, 357-359.	0.9	111
634	Giant magnetoresistance ratios superior to 1011 in manganese perovskites. Solid State Communications, 1995, 96, 623-625.	0.9	105
635	Superconducting fluctuations in Tl-based single crystals: Evidence of universal features and derivation of basic parameters. Physical Review B, 1995, 51, 9123-9128.	1.1	26
636	Stabilization of thallium strontium "1212" and "2212" superconducting cuprates by mercury. Chemistry of Materials, 1995, 7, 1207-1213.	3.2	10
637	Single-crystal study of the 55 K superconductor TlSr2CaCu2O7-.delta.. Chemistry of Materials, 1995, 7, 1414-1418.	3.2	7
638	Cationic substitution in mercury-based cuprates: generation of five superconductors. Journal of Materials Chemistry, 1995, 5, 701.	6.7	15
639	Giant magnetoresistance properties of polycrystalline praseodymium-based manganese perovskites: from Pr0.75Sr0.25MnO3â€“Î´ to La0.75Sr0.25MnO3. Journal of Materials Chemistry, 1995, 5, 1089-1091.	6.7	53
640	Crystal chemistry of superconducting mercury-based cuprates and oxycarbonates. Journal of Materials Chemistry, 1995, 5, 803.	6.7	38
641	MÃ©canismes de la non-stÅ“chiomÃ©trie dans les nouveaux supraconducteurs Ã haute T$oldmath_c$. Journal De Physique III, 1994, 4, 2057-2067.	0.3	0
642	Anisotropic superconducting properties of a Tl-2223 single crystal studied by transport measurements. Superconductor Science and Technology, 1994, 7, 126-132.	1.8	12
643	Symmetry, density of doping holes, andTcin superconducting thallium cuprates. Physical Review B, 1994, 49, 9906-9914.	1.1	15
644	Superconductivity of the oxycarbonateTl0.5Pb0.5Sr4Cu2CO3O7: A magnetic study. Physical Review B, 1994, 50, 4125-4130.	1.1	4
645	Copper oxycarbonates and mercury-based cuprates: Promising high-T c superconductors. Journal of Superconductivity and Novel Magnetism, 1994, 7, 9-18.	0.5	7
646	Irreversibility line and critical current densities of â€˜1223â€™ cuprate TlBa2Ca2Cu3O9: a single crystal study. Cryogenics, 1994, 34, 941-945.	0.9	17
647	A new superconducting oxycarbonate Bi0.5Hg0.5Sr4Cu2CO3O7â^'Î´. Physica C: Superconductivity and Its Applications, 1994, 227, 215-224.	0.6	20
648	Lead-mercury-based superconductors. The 1212 cuprate Pb0.7Hg0.3Sr2+xCa0.7Nd0.3-xCu2O7-Î´ and the new oxycarbonate Pb0.7Hg0.3Sr4Cu2CO3O7. Physica C: Superconductivity and Its Applications, 1994, 222, 19-26.	0.6	43

#	Article	IF	Citations
649	Structural and physical properties of the new superconductor Hg0.5Pb0.5Sr4-xBaxCu2(CO3)O7-Î´. Physica C: Superconductivity and Its Applications, 1994, 231, 15-20.	0.6	15
650	Cerium-mercury â€˜1212â€™ cuprates Hg0.4Ce0.5Sr3â^'xMxCu2.1O7â^'Î´ (M=Ca, Ce, Nd). A new series of superconductors. Physica C: Superconductivity and Its Applications, 1994, 232, 15-21.	0.6	17
651	The 34 K superconductor Bi2â^'xPbxSr8Cu4 (CO3)3O12. A new oxycarbonate, third member of the series (Bi2â^'xPbxSr2CuO6) (Sr2CuO2CO3)n. Physica C: Superconductivity and Its Applications, 1994, 232, 75-81.	0.6	9
652	A crystal study of the 128 K superconductor Tl2Ba2Ca2Cu3O10â^'Î´ synthesis and anisotropic magnetic properties. Physica C: Superconductivity and Its Applications, 1994, 219, 407-412.	0.6	47
653	Magnetic properties of a Tl0.5Pb0.5Sr2CaCu2O7 single crystal. Physica C: Superconductivity and Its Applications, 1994, 228, 323-330.	0.6	19
654	Irreversibility lines of Yb and Pb substituted Bi-2212 single crystals. Physica C: Superconductivity and Its Applications, 1994, 225, 235-239.	0.6	46
655	The fishtail effect in different Tl based single crystals. A possible interplay with the electronic anisotropy. Physica C: Superconductivity and Its Applications, 1994, 232, 347-358.	0.6	74
656	(Tl, Bi) Sr2CaCu2O7 â€œ1212â€•superconducting single crystal A structural and magnetic study. Physica C: Superconductivity and Its Applications, 1994, 232, 387-395.	0.6	25
657	Fishtails and fluctuations in single crystals of Tl-based compounds. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2827-2828.	0.6	2
658	Copper oxycarbonates and mercury based cuprates: structural mechanisms of new superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 25-28.	0.6	8
659	Mercury and thallium based superconducting oxycarbonates. Physica C: Superconductivity and Its Applications, 1994, 235-240, 537-538.	0.6	3
660	The mercury-based â€œ1201-0201â€•intergrowth HgBa2La2Cu2O8+Î´: A 53K superconductor. Solid State Communications, 1994, 90, 37-40.	0.9	6
661	Substitution of mercury for thallium in the 2223-cuprate : The 130K-superconductor Tl1.6Hg0.4Ba2Ca2Cu3O10â^'Î´. Solid State Communications, 1994, 90, 47-50.	0.9	19
662	Superconductivity up to 95 K in mercury-substituted 1212 thallium cuprates (Tl,Hg)1,Sr2 + yNd1 â€“ yCu2O7 +Î´. Journal of Materials Chemistry, 1994, 4, 1353-1355.	6.7	2
663	Cationic Substitutions in the "2201-1201" Intergrowth HgTl2Ba4Cu2O10. Chemistry of Materials, 1994, 6, 1654-1658.	3.2	3
664	Nouveaux supraconducteurs Ã haute tempÃ©rature critique Ã base de mercure. Journal De Physique III, 1994, 4, 2079-2091.	0.3	0
665	The Great Flexibility of the Rock Salt Layers in the Lead-Based 1212 High-Tc Superconductive Cuprates: The Oxides (Pb, A)Sr2(Ca, Ln)Cu2O7-Î´. Journal of Solid State Chemistry, 1993, 102, 31-39.	1.4	32
666	The Oxycarbonate Y1.6Ca0.4Ba4Cu5CO3O11, n = 2 Member of the "123"-Type Derivatives (Y1-xCax)nBa2nCu3n-1CO3O7n-3. Journal of Solid State Chemistry, 1993, 105, 300-304.	1.4	19

#	Article	IF	Citations
667	Substitution of lead for bismuth in the 2201-type oxide Bi2BaLaCuO6+Î´. Journal of Physics and Chemistry of Solids, 1993, 54, 65-71.	1.9	3
668	Influence of the size of alkaline earth cations on the structural distortion and transport properties of the semiconducting 1212-type cuprates TlBa2â^'xSrxLnCu2O7. Journal of Physics and Chemistry of Solids, 1993, 54, 145-152.	1.9	3
669	Influence of thermal treatment on Y1â^'Ï‡Caï‡Ba2Cu3â^'Ï‡Coï‡O7. Physica C: Superconductivity and Its Applications, 1993, 210, 164-172.	0.6	9
670	New mercury-based superconductors with the â€œ1201â€•structure Hg0.4Pr0.6Sr2â^'xPrxCuO4+Î´ and Hg0.3Pb0.7Sr2â^'xLaxCuO4+Î´. Physica C: Superconductivity and Its Applications, 1993, 216, 243-249.	0.6	55
671	A 94 K Hg-based superconductor with a â€œ1212â€•structure Hg0.5Bi0.5Sr2Ca1â^'xRxCu2O6+Î´ (R = Nd, Y, Pr). Physica C: Superconductivity and Its Applications, 1993, 216, 257-263.	0.6	70
672	New 1212-type superconductors with a Tc upt to 85 K in the system Hg-Pr-Sr-Ca-Cu-O. Physica C: Superconductivity and Its Applications, 1993, 216, 264-272.	0.6	66
673	A new â€œ1201â€•mercury cuprate The 27 K-superconductor Hg0.5Bi0.5Sr2â^'xLaxCuO5â^'gd. Physica C: Superconductivity and Its Applications, 1993, 214, 87-92.	0.6	61
674	The complex distribution of iron in the (Y, Ca)Ba2(Cu, Fe)3O6+y cuprate. Physica C: Superconductivity and Its Applications, 1993, 205, 63-77.	0.6	23
675	A 70 K superconductor. Physica C: Superconductivity and Its Applications, 1993, 205, 219-224.	0.6	97
676	The bismuth oxycarbonate Bi2Sr6â^'Ï‡Cu3O10(CO3)2.. Physica C: Superconductivity and Its Applications, 1993, 212, 199-205.	0.6	44
677	A new â€œ1212â€•mercury-based 90 K superconductor: Y0.6Ca0.4Ba2[Hg1â^'xMx]O6+y. Physica C: Superconductivity and Its Applications, 1993, 212, 239-244.	0.6	38
678	A mercury-based superconducting cuprate, intergrowth of the 2201 and 1201 structures Tl2HgBa4Cu2O10+y. Physica C: Superconductivity and Its Applications, 1993, 212, 274-278.	0.6	26
679	Superconductivity up to 110 K in the 1212-Hg based cuprate Nd1â^'xCaxBa2Hg1â^'x'Cu2+x'O6+y. Physica C: Superconductivity and Its Applications, 1993, 216, 1-5.	0.6	30
680	Introduction of nitrate groups in the â€œ123â€•structure. Physica C: Superconductivity and Its Applications, 1993, 208, 116-120.	0.6	69
681	The bismuth oxycarbonate Bi2Sr4Cu2CO3O8. Physica C: Superconductivity and Its Applications, 1993, 208, 121-129.	0.6	67
682	A 55 K superconducting copper oxycarbonate: Tl1â^'xBixSr4Cu2CO3O7. Physica C: Superconductivity and Its Applications, 1993, 208, 149-154.	0.6	41
683	Structure and properties of Tl0.5Pb0.5Sr2Gd2â^'xCexCu2O9â^'Î´. Physica C: Superconductivity and Its Applications, 1993, 206, 81-89.	0.6	10
684	The behavior of lead and gallium in layered cuprates. Physica C: Superconductivity and Its Applications, 1993, 211, 209-216.	0.6	3

#	Article	IF	Citations
685	Lead substitution in the 30 K-superconductor Bi2Sr4â^'yCu2CO3O8â^'Î´. Physica C: Superconductivity and Its Applications, 1993, 217, 27-33.	0.6	8
686	A Sr-rich 1223 cuprate, Tl1+xBa23Sr43Ca2â^'xCu3O9, with a Tc of 110 K. Physica C: Superconductivity and Its Applications, 1993, 217, 106-112.	0.6	8
687	Copper oxycarbonates with a layered structure, new promising high Tc superconductors. Physica C: Superconductivity and Its Applications, 1993, 209, 163-166.	0.6	34
688	Origin of the metal-insulator transition in the superconducting series Bi2Sr2Ca1â^'xYxCu2O8+Î´. Physica C: Superconductivity and Its Applications, 1993, 210, 350-358.	0.6	14
689	A 62 K superconductor with an original structure: Sr4â^'xBaxTlCu2CO3O7. Physica C: Superconductivity and Its Applications, 1993, 210, 359-366.	0.6	51
690	Role of isovalent substitution of strontium for barium in the superconducting properties of cuprates with thallium monolayers. Chemistry of Materials, 1993, 5, 571-575.	3.2	13
691	Complex influence of the Bi-O reservoir and oxygen nonstoichiometry on the hole density inBi2Sr2CaCu2O8. Physical Review B, 1993, 48, 1249-1253.	1.1	47
692	High resolution electron microscopy study of the high Tc superconductor Tl0.5Pb0.5Sr4Cu2CO3O7. Microscopy Microanalysis Microstructures, 1993, 4, 41-50.	0.4	8
693	Thallium nonstoichiometry in 2212-thallium cuprate. Journal of Solid State Chemistry, 1992, 96, 271-286.	1.4	18
694	How to optimize high-Tc superconductive cuprates. Journal of Superconductivity and Novel Magnetism, 1992, 5, 203-217.	0.5	11
695	Relationships between composition, oxygen non-stoichiometry, structure modulation and superconductivity in the â€œ2212â€•bismuth cuprates. Physica C: Superconductivity and Its Applications, 1992, 194, 243-252.	0.6	65
696	An enhancement of Tc, from 45 K to 70 K, via Cd substitution in (Pb, Cu)Sr2(Ca, Y)Cu2O7â^'Î´. Physica C: Superconductivity and Its Applications, 1992, 195, 35-40.	0.6	47
697	TlBa2(Eu, Ce)2Cu2O9+Î´, a new member of the double fluorite-type cuprate family. Physica C: Superconductivity and Its Applications, 1992, 197, 131-135.	0.6	15
698	Effect of Y-Ca substitution upon superconductivity in the oxide YBa2Cu3-xCoxO7-Î´. Physica C: Superconductivity and Its Applications, 1992, 200, 43-49.	0.6	66
699	A 116 K superconductor with â€œ1223â€•structure: TlBaSrCa2Cu3O9â^'gd. Physica C: Superconductivity and Its Applications, 1992, 201, 362-368.	0.6	24
700	Synthesis and characterization of Bi2Sr2CaCu2O8 without excess oxygen. Physica C: Superconductivity and Its Applications, 1992, 191, 77-84.	0.6	50
701	La2â^'xPbxCuO4Â±Ïƒ, a 15 K superconductor with a pseudotetragonal K2NiF4 structure. Physica C: Superconductivity and Its Applications, 1992, 191, 333-338.	0.6	8
702	Hole density as evidenced by XAS and critical temperature in the TlBa2Ca1â^'xNdxCu2O7â^'Î´ series. Journal of Solid State Chemistry, 1992, 101, 237-248.	1.4	10

#	Article	IF	Citations
703	SynthÃ¨se et caractÃ©risation de cÃ©ramiques YBaCuO fortement texturÃ©es. Journal De Physique III, 1992, 2, 225-238.	0.3	2
704	Evidence for individual vortex pinning in ceramic YBa2Cu3O7â^'Î´. Applied Physics Letters, 1991, 58, 528-530.	1.5	10
705	Magnetic properties of melt-processed YBa2Cu3O7 â^' Î´. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1991, 8, 309-314.	1.7	0
706	TlBa2â^'xLa2+xCu2O9Â±Î´: a new 42 K superconductor, intergrowth of â€œ1201â€•and â€œ0201â€•structures. Physica C: Superconductivity and Its Applications, 1991, 179, 1-8.	0.6	16
707	The â€œ1201â€•phase of the â€œTlî—¸Srî—¸Laî—¸Cuî—¸Oâ€•system. Physica C: Superconductivity and Its Applications, 1991, 179, 214-226.	0.6	20
708	Oxygen pressure, the key factor for optimization of superconductivity in the 1212-phase Pb1â^'xSr2Ca0.5Y0.5Cu2+xO7Â±Î´. Physica C: Superconductivity and Its Applications, 1991, 177, 461-468.	0.6	31
709	The important role of pyramidal copper layers of the 123-structure in superconductivity. Physica C: Superconductivity and Its Applications, 1991, 182, 219-227.	0.6	26
710	Composition-induced superconductivity (up to 55 K) in the system (Pb0.75Cu0.25)Sr2(Ca1â^'xYx)Cu2O7â^'Î´. Journal of Solid State Chemistry, 1991, 93, 276-282.	1.4	29
711	Neutron diffraction structure determination of the â€œ1212â€•series TlBa2Ca1â^'xNdxCu2O7â^'Î´. Physica C: Superconductivity and Its Applications, 1991, 178, 29-36.	0.6	40
712	Redox mechanisms and superconductivity in thallium and lead cuprates. Physica C: Superconductivity and Its Applications, 1991, 190, 1-5.	0.6	3
713	The â€œ2201â€•thallium cuprate: Tc's up to 92 K can be achieved by â€œhydrogenâ€•annealing. Physica C: Superconductivity and Its Applications, 1990, 170, 350-360.	0.6	61
714	Thallium cuprates: The critical temperature is mainly governed by the oxygen nonstoichiometry. Physica C: Superconductivity and Its Applications, 1990, 168, 8-22.	0.6	97
715	A â€œ1212â€•superconductor involving mixed calcium lead (Pb0.5Ca0.5O)â^ž monolayers: Pb0.5Ca0.5Sr2CaxY1â^'xCu2O7â^'Î´. Physica C: Superconductivity and Its Applications, 1990, 171, 7-13.	0.6	71
716	Temperature dependent pinning mechanisms in ceramic YBa2Cu3O7â^'Î´. Journal of the Less Common Metals, 1990, 164-165, 1323-1329.	0.9	0
717	The use of an oxygen-ion conducting ceramic to probe reactions taking place on the surface of a semiconducting oxide. Sensors and Actuators, 1989, 17, 313-318.	1.8	8
718	Tin dioxide gas sensors. Part 3.â€”Solid-state electrochemical investigations of reactions taking place at the oxide surface. Journal of the Chemical Society Faraday Transactions I, 1989, 85, 783.	1.0	17
719	SupraconductivitÃ© en dessous de 120 K de nouveaux composÃ©s au thallium. Revue De Physique AppliquÃ©e, 1989, 24, 479-483.	0.4	0
720	Bulk superconductivity in Tl2Ba2CaCu2O8 and TlBa2Ca2Cu3O9 phases. Physica C: Superconductivity and Its Applications, 1988, 156, 243-248.	0.6	22

#	Article	IF	Citations
721	La3Ba3Cu6O14+x: A single phase or a mixture?. Physica Status Solidi A, 1988, 107, 73-84.	1.7	11
722	A new member of the thallium superconductive series, the â€œ1212â€•oxide TlBa2CaCu2O8â^'y: Importance of oxygen content. Journal of Solid State Chemistry, 1988, 75, 212-215.	1.4	116
723	The 125 K superconductor Tl2â^'xBa2Ca2Cu3O10+Î´: A tentative structural model. Journal of Solid State Chemistry, 1988, 74, 428-432.	1.4	44
724	Automatic hysteresis loop measurements during heavy-ion irradiation of ferromagnetic metallic glasses. Electronics Letters, 1988, 24, 297.	0.5	6
725	High energy heavy-ion irradiation effects in Metglas 2 705 MN Co 72Fe6Mo2Si5B15. Revue De Physique AppliquÃ©e, 1988, 23, 873-878.	0.4	3
726	Induced orbital disordering and ferromagnetism in LaMnO/sub 3/ by Mn site substitution: evidence for valency effect. , 0, , .		0
727	Cobalt oxides as potential thermoelectric elements: The influence of the dimensionality. , 0, , .		1
728	Search for p-type oxide thermoelectrics - cobaltites. , 0, , .		0
729	Phase equilibria in the Nd 2 O 3 â€“BaOâ€“Fe 2 O 3 system. Crystal structure, oxygen content and properties of intermediate oxides. Journal of the American Ceramic Society, 0, , .	1.9	2
730	Structural, magnetic and magnetoelectric properties of Co ₂ Fe ₂ Ta ₂ O ₉ , a T _N =53â€…K honeycomb antiferromagnet. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	0