

# Antoine Maignan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4386432/publications.pdf>

Version: 2024-02-01

730  
papers

24,290  
citations

9264

74  
h-index

19749

117  
g-index

780  
all docs

780  
docs citations

780  
times ranked

11012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Misfit-layered cobaltite with an anisotropic giant magnetoresistance: $\text{Ca}_3\text{Co}_4\text{O}_9$ . <i>Physical Review B</i> , 2000, 62, 166-175.	3.2	1,033
2	Structural and Magnetic Studies of Ordered Oxygen-Deficient Perovskites $\text{LnBaCo}_2\text{O}_{5+\delta}$ , Closely Related to the $\text{CaFe}_2\text{O}_7$ Structure. <i>Journal of Solid State Chemistry</i> , 1999, 142, 247-260.	2.9	555
3	Magnetic phase diagrams of $\text{La}_{1-x}\text{AxMnO}_3$ manganites ( $\text{L}=\text{Pr}, \text{Sm}; \text{A}=\text{Ca}, \text{Sr}$ ). <i>Physical Review B</i> , 1999, 60, 12191-12199.	3.2	495
4	Magnetoresistance in the oxygen deficient $\text{LnBaCo}_2\text{O}_{5.4}$ ( $\text{Ln}=\text{Eu}, \text{Gd}$ ) phases. <i>Applied Physics Letters</i> , 1997, 71, 1421-1423.	3.3	297
5	Insulator-Metal Transition Induced by Cr and Co Doping in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Journal of Solid State Chemistry</i> , 1997, 130, 162-166.	2.9	293
6	A new active $\text{LiMnO}$ compound for high energy density Li-ion batteries. <i>Nature Materials</i> , 2016, 15, 173-177.	27.5	269
7	Colossal Magnetoresistance Manganite Perovskites: Relations between Crystal Chemistry and Properties. <i>Chemistry of Materials</i> , 1998, 10, 2641-2652.	6.7	240
8	Single crystal study of the one dimensional $\text{CaCoO}$ compound: five stable configurations for the Ising triangular lattice. <i>European Physical Journal B</i> , 2000, 15, 657-663.	1.5	222
9	Ultrasharp Magnetization Steps in Perovskite Manganites. <i>Physical Review Letters</i> , 2002, 89, 286602.	7.8	214
10	Transition from a paramagnetic metallic to a cluster glass metallic state in electron-doped perovskite manganites. <i>Physical Review B</i> , 1998, 58, 2758-2763.	3.2	208
11	Thermoelectric Power of $\text{HoBaCo}_2\text{O}_{5.5}$ : Possible Evidence of the Spin Blockade in Cobaltites. <i>Physical Review Letters</i> , 2004, 93, 026401.	7.8	206
12	Spectacular Giant Magnetoresistance Effects in the Polycrystalline Perovskite $\text{Pr}_{0.7}\text{Sr}_{0.05}\text{Ca}_{0.25}\text{MnO}_3$ . <i>Journal of Solid State Chemistry</i> , 1995, 117, 424-426.	2.9	194
13	Cation disorder and size effects upon magnetic transitions in $\text{Ln}_{0.5}\text{A}_{0.5}\text{MnO}_3$ manganites. <i>Journal of Applied Physics</i> , 1997, 82, 6181-6185.	2.5	169
14	Factors Governing the Magnetoresistance Properties of the Electron-Doped Manganites $\text{Ca}_{1-x}\text{AxMnO}_3$ ( $\text{A}=\text{Ln}, \text{Th}$ ). <i>Chemistry of Materials</i> , 1998, 10, 950-954.	6.7	165
15	Temperature and time dependence of the field-driven magnetization steps in $\text{Ca}_3\text{Co}_2\text{O}_6$ single crystals. <i>Physical Review B</i> , 2004, 70, .	3.2	161
16	Quantum tunneling of the magnetization in the Ising chain compound $\text{Ca}_3\text{Co}_2\text{O}_6$ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1231-1234.	6.7	160
17	$\text{Ca}_3\text{Co}_2\text{O}_6$ :Ge, a promising n-type thermoelectric oxide composite. <i>Solid State Communications</i> , 2008, 146, 97-101.	1.9	158
18	Field-induced magnetization steps in intermetallic compounds and manganese oxides: The martensitic scenario. <i>Physical Review B</i> , 2004, 69, .	3.2	157

#	ARTICLE	IF	CITATIONS
19	Large Intragrain Magnetoresistance above Room Temperature in the Double Perovskite Ba <sub>2</sub> FeMoO <sub>6</sub> . Journal of Solid State Chemistry, 1999, 144, 224-227.	2.9	152
20	Strongly correlated properties of the thermoelectric cobalt oxide Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> . Physical Review B, 2005, 71, .	3.2	150
21	Extension of colossal magnetoresistance properties to small A site cations by chromium doping in Ln <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> manganites. Applied Physics Letters, 1997, 71, 3907-3909.	3.3	149
22	Transport and thermoelectric properties in Copper intercalated TiS <sub>2</sub> chalcogenide. Applied Physics Letters, 2011, 99, .	3.3	149
23	Interplay between transport, magnetic, and ordering phenomena in Sm <sup>1-x</sup> CaxMnO <sub>3</sub> . Physical Review B, 1999, 60, 14057-14065.	3.2	146
24	Structural transitions in the manganite Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 1998, 184, 71-82.	2.3	139
25	Order-Disorder Transition in AgCrSe <sub>2</sub> : a New Route to Efficient Thermoelectrics. Chemistry of Materials, 2011, 23, 2510-2513.	6.7	135
26	Large thermopower in a metallic cobaltite: The layered Ti-Sr-Co-O misfit. Physical Review B, 2001, 64, .	3.2	130
27	Structural and magnetic phase diagram and room temperature CMR effect of La <sup>1-x</sup> Ag <sub>x</sub> MnO <sub>3</sub> . Solid State Communications, 2003, 126, 229-234.	1.9	130
28	Cation size-temperature phase diagram of the manganites Ln <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Journal of Applied Physics, 1997, 81, 1372-1377.	2.5	129
29	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.	1.8	129
30	FeCr <sub>2</sub> O <sub>4</sub> and CoCr <sub>2</sub> O <sub>4</sub> spinels: Multiferroicity in the collinear magnetic state?. Applied Physics Letters, 2011, 99, .	3.3	124
31	Direct evidence of phase segregation and magnetic-field-induced structural transition in Nd <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> by neutron diffraction. Physical Review B, 2000, 61, R9229-R9232.	3.2	122
32	Magnetic phase diagram of Ru-doped Sm <sup>1-x</sup> CaxMnO <sub>3</sub> manganites: Expansion of ferromagnetism and metallicity. Physical Review B, 2001, 63, .	3.2	121
33	Structural and magnetic properties of $\text{CuCr}$ neutron powder diffraction. Physical Review B, 2009, 79, .		
34	Critical behavior of La <sub>0.825</sub> Sr <sub>0.175</sub> MnO <sub>2.912</sub> anion-deficient manganite in the magnetic phase transition region. JETP Letters, 2007, 85, 507-512.	1.4	119
35	Ising Magnetism and Ferroelectricity in Ca <sub>3</sub> CoMnO <sub>6</sub> . Physical Review Letters, 2009, 102, 026404.	7.8	117
36	A new member of the thallium superconductive series, the $\text{ThBa}_2\text{CaCu}_2\text{O}_{8-y}$ oxide: Importance of oxygen content. Journal of Solid State Chemistry, 1988, 75, 212-215.	2.9	116

#	ARTICLE	IF	CITATIONS
37	Up to 50 000 per cent resistance variation in magnetoresistive polycrystalline perovskites (Ln=Nd; Sm). Solid State Communications, 1995, 95, 357-359.	1.9	111
38	Dome-Shaped Magnetic Phase Diagram of Thermoelectric Layered Cobaltites. Physical Review Letters, 2004, 92, 017602.	7.8	106
39	Giant magnetoresistance ratios superior to 1011 in manganese perovskites. Solid State Communications, 1995, 96, 623-625.	1.9	105
40	Valence, spin, and orbital state of Co ions in one-dimensional Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> : An x-ray absorption and magnetic circular dichroism study. Physical Review B, 2006, 74, .	3.2	103
41	Important role of impurity eg levels on the ground state of Mn-site doped manganites. Solid State Communications, 2002, 121, 229-234.	1.9	101
42	Influence of oxygen vacancies on the magnetic and electrical properties of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3-2x/2</sub> manganites. European Physical Journal B, 2004, 42, 51-61.	1.5	101
43	CMR Effect in Electron-Doped Manganites Ca <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Journal of Solid State Chemistry, 1997, 134, 198-202.	2.9	100
44	Scaling Behavior in Thermoelectric Misfit Cobalt Oxides. Physical Review Letters, 2006, 97, 046601.	7.8	100
45	Tuning the transport and thermoelectric properties of In <sub>2</sub> O <sub>3</sub> bulk ceramics through doping at In-site. Journal of Applied Physics, 2009, 106, .	2.5	99
46	Thallium cuprates: The critical temperature is mainly governed by the oxygen nonstoichiometry. Physica C: Superconductivity and Its Applications, 1990, 168, 8-22.	1.2	97
47	A 70 K superconductor. Physica C: Superconductivity and Its Applications, 1993, 205, 219-224.	1.2	97
48	Perovskite manganites and layered cobaltites: potential materials for thermoelectric applications. Crystal Engineering, 2002, 5, 365-382.	0.7	96
49	Metallicity and thermopower of the misfit cobaltite [Bi <sub>2</sub> Ba <sub>1.8</sub> Co <sub>0.2</sub> O <sub>4</sub> ] <sub>R</sub> [CoO <sub>2</sub> ] <sub>2</sub> . Physical Review B, 2003, 67, .	3.2	96
50	Frustrated pyrochlore oxides, Y <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> , Ho <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> , and Yb <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> : Bulk magnetism and magnetic microstructure. Physical Review B, 1996, 54, 7189-7200.	3.2	93
51	Electronic and magnetic properties of the kagome systems $YBaCo_4$ Physical Review B, 2009, 80, .	3.2	92
52	Ferromagnetism and metallicity in the CaMn <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> perovskites: a highly inhomogeneous system. Solid State Communications, 2001, 117, 377-382.	1.9	90
53	Magnetic properties of La <sub>0.70</sub> Sr <sub>0.30</sub> MnO <sub>2.85</sub> anion-deficient manganite under hydrostatic pressure. JETP Letters, 2006, 83, 33-36.	1.4	88
54	Substitution at the Ru site in the itinerant ferromagnet SrRuO <sub>3</sub> . Journal of Physics Condensed Matter, 2002, 14, 7391-7398.	1.8	87

#	ARTICLE	IF	CITATIONS
55	Spin-glass state and magnetic-field-induced phenomena in distorted $\text{Eu}_{0.58}\text{Sr}_{0.42}\text{MnO}_3$ perovskite. <i>Physical Review B</i> , 1997, 55, 5596-5599.	3.2	86
56	Magnetic versus orbital polarons in colossal magnetoresistance manganites. <i>Physical Review B</i> , 2002, 65, .	3.2	86
57	Structural study of the electron-doped manganites $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{MnO}_3$ and $\text{Pr}_{0.1}\text{Sr}_{0.9}\text{MnO}_3$ : Evidence of phase separation. <i>Physical Review B</i> , 2000, 62, 6442-6449.	3.2	85
58	Staircase effect in metamagnetic transitions of charge and orbitally ordered manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 264, 183-191.	2.3	85
59	Orthorhombic kagome cobaltite $\text{CaBaCo}_4\text{O}_7$ : A new ferrimagnet with a $T_C$ of 70 K. <i>Solid State Communications</i> , 2009, 149, 453-455.	1.9	85
60	Size mismatch: a crucial factor for generating a spin-glass insulator in manganites. <i>Physical Review B</i> , 1999, 60, 15214-15219.	3.2	84
61	Coexistence of ferromagnetism and charge ordering in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ . <i>Solid State Communications</i> , 2000, 114, 429-433.	1.9	84
62	Magnetic field induced ferroelectric loop in $\text{Bi}_{0.75}\text{Sr}_{0.25}\text{FeO}_3$ . <i>Applied Physics Letters</i> , 2008, 92, .	3.3	84
63	Mn-Site Doped $\text{CaMnO}_3$ : Creation of the CMR Effect. <i>Journal of Solid State Chemistry</i> , 2000, 149, 203-207.	2.9	83
64	Gigantic magnetic-field-induced polarization and magnetoelectric coupling in a ferrimagnetic oxide $\text{CaBaCo}_4\text{O}_7$ . <i>Physical Review B</i> , 2013, 88, .	3.2	83
65	Spin, charge, and lattice coupling in triangular and Kagomé sublattices of $\text{CoO}_4$ tetrahedra: $\text{YbBaCo}_4\text{O}_7$ ( $i=0,1$ ). <i>Physical Review B</i> , 2006, 74, .	3.2	81
66	A cobaltite with a room temperature electrical and magnetic transition: $\text{YBaCo}_4\text{O}_7$ . <i>Solid State Sciences</i> , 2006, 8, 1160-1163.	3.2	80
67	Observation of spontaneous magnetization jumps in manganites. <i>Physical Review B</i> , 2003, 68, .	3.2	79
68	Comparison of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ and $\text{CaMn}_{1-y}\text{Mo}_y\text{O}_3$ perovskites. <i>Physical Review B</i> , 2003, 67, .	3.2	78
69	Structural Instability of the Charge Ordered Compound $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ under a Magnetic Field. <i>Physical Review Letters</i> , 1999, 82, 2191-2194.	7.8	76
70	Magnetoresistance in the ferromagnetic metallic perovskite $\text{SrFe}_{1-x}\text{Co}_x\text{O}_3$ . <i>Solid State Sciences</i> , 2001, 3, 57-63.	3.2	76
71	$T_C$ magnetic phase diagrams of electron-doped $\text{Sm}_{1-x}\text{Ca}_x\text{MnO}_3$ : Evidence for phase separation and metamagnetic transitions. <i>Physical Review B</i> , 2001, 63, .	3.2	75
72	Magnetic-Field-Induced Step-like Transitions in Mn-Site Doped Manganites. <i>Journal of Solid State Chemistry</i> , 2002, 165, 6-11.	2.9	75

#	ARTICLE	IF	CITATIONS
73	The fishtail effect in different TI based single crystals. A possible interplay with the electronic anisotropy. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 232, 347-358.	1.2	74
74	NICKEL-INDUCED METAL-INSULATOR TRANSITION IN THE SMALL A CATION MANGANITES $\text{Ln}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Materials Research Bulletin</i> , 1997, 32, 965-972.	5.2	74
75	Ru-Induced Ferromagnetism and Metallicity in Mn(IV)-Rich Manganites $\text{Ln}_{0.4}\text{Ca}_{0.6}\text{MnO}_3$ . <i>Journal of Solid State Chemistry</i> , 2000, 151, 330-334.	2.9	74
76	On the Metallic Conductivity of the Delafossites $\text{PdCoO}_2$ and $\text{PtCoO}_2$ . <i>Chemistry of Materials</i> , 2008, 20, 2370-2373.	6.7	74
77	On the strong impact of doping in the triangular antiferromagnet $\text{CuCrO}_2$ . <i>Solid State Communications</i> , 2009, 149, 962-967.	1.9	73
78	A $\text{1212}$ -superconductor involving mixed calcium lead ( $\text{Pb}_{0.5}\text{Ca}_{0.5}\text{O}$ ) $\tilde{z}$ monolayers: $\text{Pb}_{0.5}\text{Ca}_{0.5}\text{Sr}_2\text{Ca}_x\text{Y}_{1-x}\text{Cu}_2\text{O}_7$ . <i>Physica C: Superconductivity and Its Applications</i> , 1990, 171, 7-13.	1.2	71
79	Effect of A-site cation size mismatch on charge ordering and colossal magnetoresistance properties of perovskite manganites. <i>Physical Review B</i> , 1997, 56, 5092-5095.	3.2	71
80	Potencia termoel�ctrica de cer�micas basadas en cobaltitas: optimizaci�n mediante sustituci�n qu�mica. <i>Bolet�n De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2006, 45, 122-125.	1.9	71
81	A 94 K Hg-based superconductor with a $\text{1212}$ -structure $\text{Hg}_{0.5}\text{Bi}_{0.5}\text{Sr}_2\text{Ca}_{1-x}\text{R}_x\text{Cu}_2\text{O}_6$ (R = Nd, Y, Pr). <i>Physica C: Superconductivity and Its Applications</i> , 1993, 216, 257-263.	1.2	70
82	Influence of Mn-site doping upon orbital and charge ordering in the $\text{Pr}_{0.5}\text{A}_{0.5}\text{Mn}_{1-x}\text{M}_x\text{O}_3$ manganites (A=Sr, Ca and M=Cr, Al). <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 202, 11-21.	2.3	70
83	The route to CMR manganites: what about charge ordering and phase separation?. <i>Journal of Materials Chemistry</i> , 2001, 11, 29-36.	6.7	70
84	Instability of metal-insulator transition against thermal cycling in phase separated Cr-doped manganites. <i>Physical Review B</i> , 2001, 64, .	3.2	70
85	Introduction of nitrate groups in the $\text{123}$ -structure. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 208, 116-120.	1.2	69
86	Neutron diffraction evidence for a new ferromagnetic phase in Cr doped $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Applied Physics Letters</i> , 1998, 73, 3772-3774.	3.3	69
87	Induced ferromagnetism in $\text{LaMnO}_3$ by Mn-site substitution: The major role of Mn mixed valency. <i>Physical Review B</i> , 2002, 65, .	3.2	69
88	Thermoelectric properties of perovskites: Sign change of the Seebeck coefficient and high temperature properties. <i>Progress in Solid State Chemistry</i> , 2007, 35, 457-467.	7.2	69
89	From oxides to selenides and sulfides: The richness of the $\text{CdI}_2$ type crystallographic structure for thermoelectric properties. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 69-81.	1.8	69
90	Monoclinic microdomains and clustering in the colossal magnetoresistance manganites $\text{Pr}_{0.7}\text{Ca}_{0.25}\text{Sr}_{0.05}\text{MnO}_3$ and $\text{Pr}_{0.75}\text{Sr}_{0.25}\text{MnO}_3$ . <i>Physical Review B</i> , 1996, 53, 14274-14284.	3.2	68

#	ARTICLE	IF	CITATIONS
91	A monoclinic manganite, $\text{La}_{0.9}\text{MnO}_3$ , with colossal magnetoresistance properties near room temperature. <i>Solid State Communications</i> , 1997, 101, 277-281.	1.9	68
92	c-Axis Penetration Depth of Hg-1201 Single Crystals. <i>Physical Review Letters</i> , 1998, 81, 2140-2143.	7.8	68
93	Avalanche like field dependent magnetization of Mn-site doped charge-ordered manganites. <i>Solid State Communications</i> , 2002, 122, 335-340.	1.9	68
94	A Reversible Phase Transition for Sodium Insertion in Anatase $\text{TiO}_2$ . <i>Chemistry of Materials</i> , 2017, 29, 1836-1844.	6.7	68
95	The bismuth oxycarbonate $\text{Bi}_2\text{Sr}_4\text{Cu}_2\text{CO}_3\text{O}_8$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 208, 121-129.	1.2	67
96	Effect of Y-Ca substitution upon superconductivity in the oxide $\text{YBa}_2\text{Cu}_3-x\text{Co}_x\text{O}_{7-\delta}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1992, 200, 43-49.	1.2	66
97	New 1212-type superconductors with a $T_c$ up to 85 K in the system Hg-Pr-Sr-Ca-Cu-O. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 216, 264-272.	1.2	66
98	Barium-Based Manganites $\text{Ln}_{1-x}\text{Ba}_x\text{MnO}_3$ with $\text{Ln} = \{\text{Pr}, \text{La}\}$ : Phase Transitions and Magnetoresistance Properties. <i>Chemistry of Materials</i> , 1998, 10, 252-259.	6.7	66
99	Evolution of charge ordering in manganites. <i>European Physical Journal B</i> , 1999, 8, 31-41.	1.5	66
100	Double $\text{Mn}^{3+}$ Stripes in $\text{Bi}_{1-x}\text{Sr}_x\text{MnO}_3$ : New Type of Charge Ordering at Room Temperature. <i>Chemistry of Materials</i> , 2001, 13, 1356-1363.	6.7	66
101	Relationships between composition, oxygen non-stoichiometry, structure modulation and superconductivity in the 2212-bismuth cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 194, 243-252.	1.2	65
102	Two C-type antiferromagnets with different magnetoresistive properties: $\text{Sm}_{0.15}\text{Ca}_{0.85}\text{MnO}_3$ and $\text{Pr}_{0.15}\text{Sr}_{0.85}\text{MnO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 205, 184-198.	2.3	64
103	Spin reorientation, magnetization reversal, and negative thermal expansion observed in $\text{R}_{1-x}\text{F}_x\text{MnO}_3$ ( $\text{R} = \text{La}, \text{Pr}, \text{Nd}, \text{Sm}, \text{Eu}, \text{Gd}$ ). <i>Physical Review Letters</i> , 2005, 95, 077201.	3.2	64
104	Size of the interpolated cation and hole carrier density: two key parameters for the optimisation of colossal magnetoresistive properties of Pr-based manganites. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1995, 99, 305-310.	1.1	62
105	Role of the A-site size and oxygen stoichiometry in charge ordering commensurability of $\text{Ln}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ manganites. <i>Journal of Applied Physics</i> , 1998, 84, 5506-5514.	2.5	62
106	The 2201-thallium cuprate: $T_c$ 's up to 92 K can be achieved by hydrogen-annealing. <i>Physica C: Superconductivity and Its Applications</i> , 1990, 170, 350-360.	1.2	61
107	A new 1201-mercury cuprate The 27 K-superconductor $\text{Hg}_{0.5}\text{Bi}_{0.5}\text{Sr}_{2-x}\text{La}_x\text{CuO}_5$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 214, 87-92.	1.2	61
108	A New Family of Misfit Layered Oxides with Double Rock Salt Layers $\text{Bi}_{1\pm(A_0.75\pm\mu)\text{Bi}_{0.25\pm\mu}\text{O}}(3+3x)/2\text{MO}_2$ ( $A = \text{Ca}, \text{Sr}$ and $M = \text{Co}, \text{Cr}$ ). <i>Journal of Solid State Chemistry</i> , 1999, 142, 305-318.	2.9	61

#	ARTICLE	IF	CITATIONS
109	Ca <sub>0.85</sub> Sm <sub>0.15</sub> MnO <sub>3</sub> : A mixed antiferromagnet with unusual properties. Physical Review B, 2000, 62, 11644-11648.	3.2	61
110	Hopping conductivity in one-dimensional Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> single crystals. Physical Review B, 2002, 65, .	3.2	61
111	Charge states of transition metal in $\epsilon$ -Cr, Co and Ni-doped Ln Ca MnO CMR manganites. European Physical Journal B, 1998, 4, 159-167.	1.5	60
112	Thermopower enhancement in misfit cobaltites. Journal of Applied Physics, 2002, 92, 1964-1967.	2.5	60
113	Calorimetric and magnetic investigations of the metamagnet Pr <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>0.95</sub> Ga <sub>0.05</sub> O <sub>3</sub> . Physical Review B, 2003, 67, .	3.2	60
114	Spin-assisted ferroelectricity in ferrimagnetic CaBaCo <sub>4</sub> O <sub>7</sub> . Physical Review B, 2012, 86, .	3.2	60
115	Study of the Layered Magnetoresistive Perovskite La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> by High-Resolution Electron Microscopy and Synchrotron X-ray Powder Diffraction. Chemistry of Materials, 1997, 9, 1778-1787.	6.7	59
116	Oxygen storage capacity and structural flexibility of LuFe <sub>2</sub> O <sub>4+x</sub> (0 ≤ x ≤ 0.5). Nature Materials, 2014, 13, 74-80.	27.5	59
117	On the effects of substitution, intercalation, non-stoichiometry and block layer concept in TiS <sub>2</sub> based thermoelectrics. Physical Chemistry Chemical Physics, 2015, 17, 24541-24555.	2.8	59
118	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.	3.4	58
119	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.	7.2	58
120	Revisiting some chalcogenides for thermoelectricity. Science and Technology of Advanced Materials, 2012, 13, 053003.	6.1	58
121	Magnetotransport phenomena in A(Mn <sub>3-x</sub> Cu <sub>x</sub> )Mn <sub>4</sub> O <sub>12</sub> (A=Ca, Tb, Tm) perovskites. Physical Review B, 1998, 58, 14903-14907.	3.2	57
122	Colossal magnetoresistance properties of samarium based manganese perovskites. Solid State Communications, 1996, 98, 997-1001.	1.9	56
123	Searching for new thermoelectric materials: some examples among oxides, sulfides and selenides. Journal of Physics Condensed Matter, 2016, 28, 013001.	1.8	56
124	New mercury-based superconductors with the $1201$ structure Hg <sub>0.4</sub> Pr <sub>0.6</sub> Sr <sub>2-x</sub> Pr <sub>x</sub> CuO <sub>4+<math>\delta</math></sub> and Hg <sub>0.3</sub> Pb <sub>0.7</sub> Sr <sub>2-x</sub> LaxCuO <sub>4+<math>\delta</math></sub> . Physica C: Superconductivity and Its Applications, 1993, 216, 243-249.	1.2	55
125	Complex magnetotransport in LaSr <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> . Solid State Communications, 1997, 101, 453-457.	1.9	55
126	Large Thermopower in Metallic Misfit Cobaltites. Chemistry of Materials, 2002, 14, 1231-1235.	6.7	55



#	ARTICLE	IF	CITATIONS
127	Multiferroicity with high-TC in ceramics of the YBaCuFeO5 ordered perovskite. Applied Physics Letters, 2009, 94, .	3.3	55
128	Structural and magnetic phase diagram of Mo-substituted CaMnO3: consequences for thermoelectric power properties. Journal of Materials Chemistry, 2002, 12, 1806-1811.	6.7	54
129	Thermoelectric Oxides: Effect of Doping in Delafossites and Zinc Oxide. Journal of Electronic Materials, 2009, 38, 1104-1108.	2.2	54
130	AgCrS <sub>2</sub> : A Spin Driven Ferroelectric. Chemistry of Materials, 2009, 21, 5007-5009.	6.7	54
131	From spin induced ferroelectricity to dipolar glasses: Spinel chromites and mixed delafossites. Journal of Solid State Chemistry, 2012, 195, 41-49.	2.9	54
132	Giant magnetoresistance properties of polycrystalline praseodymium-based manganese perovskites: from Pr <sub>0.75</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> to La <sub>0.75</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> . Journal of Materials Chemistry, 1995, 5, 1089-1091.	6.7	53
133	Charge disordering induced by electron irradiation in colossal magnetoresistant manganites. Physical Review B, 1999, 60, R726-R729.	3.2	53
134	Observation of electric polarization reversal and magnetodielectric effect in orthochromites: A comparison between LuCrO <sub>3</sub> and ErCrO <sub>3</sub> . Physical Review B, 2014, 89, .	3.2	53
135	Chromium site selective substitution in Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> : Influence on the magnetic properties of an Ising-like triangular lattice. Physical Review B, 2004, 70, .	3.2	52
136	Multiferroics and Magnetolectrics: A Comparison between Some Chromites and Cobaltites. Chemistry of Materials, 2014, 26, 830-836.	6.7	52
137	A 62 K superconductor with an original structure: Sr <sub>4-x</sub> BaxTlCu <sub>2</sub> CO <sub>3</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 1993, 210, 359-366.	1.2	51
138	The great ability of mercury-based cuprates to accommodate transition elements eleven new superconductors Hg <sub>1-x</sub> MxBa <sub>2</sub> Ca <sub>1-y</sub> Cu <sub>m</sub> O <sub>2m+2</sub> (M = V, Mo, W, Ti, Cr). Physica C: Superconductivity and Its Applications, 1995, 243, 233-242.	1.2	51
139	Structure and magnetotransport properties of the layered manganites Re <sub>1-2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> (RE = La, Pr). Journal of Applied Physics, 2007, 102, 084314.	6.7	51
140	Substitution of manganese by trivalent and tetravalent elements in the CMR perovskites Pr <sub>1-x</sub> (Ca, <sub>y</sub> ) <sub>1-x-y</sub> TlCu <sub>2</sub> O <sub>7</sub> . Journal of Applied Physics, 2007, 102, 084314.	1.1	51
141	Magnetic interaction in Mg, Ti, Nb doped manganites. European Physical Journal B, 2002, 28, 75-80.	1.5	51
142	One dimensional compounds with large thermoelectric power: Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> and Ca <sub>3</sub> CoMO <sub>6</sub> with M=Ir <sup>4+</sup> and Rh <sup>4+</sup> . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 104, 121-125.	3.5	51
143	Synthesis and characterization of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> without excess oxygen. Physica C: Superconductivity and Its Applications, 1992, 191, 77-84.	1.2	50
144	Single crystals of the 96 K superconductor (Hg,Cu)Ba <sub>2</sub> CuO <sub>4</sub> : growth, structure and magnetism. Physica C: Superconductivity and Its Applications, 1997, 273, 205-212.	1.2	50

#	ARTICLE	IF	CITATIONS
145	New Misfit Cobaltites [Pb <sub>0.7</sub> A <sub>0.4</sub> Sr <sub>1.9</sub> O <sub>3</sub> ][CoO <sub>2</sub> ] <sub>1.8</sub> (A = Hg, Co) with Large Thermopower. Chemistry of Materials, 2002, 14, 3100-3105.	6.7	50
146	A Series of Novel Mixed Valent Ferrimagnetic Oxides with a $T_C$ up to 270 K: Ca <sub>1-x</sub> Y <sub>x</sub> BaFe <sub>4</sub> O <sub>7</sub> . Chemistry of Materials, 2008, 20, 6295-6297.	6.7	50
147	Electronic structure and thermoelectric properties of $CuRh_{1-x}Mn_x$ . Physical Review B, 2009, 80, .	3.2	50
148	Nanostructured Li <sub>2</sub> MnO <sub>3</sub> : a disordered rock salt type structure for high energy density Li ion batteries. Journal of Materials Chemistry A, 2017, 5, 21898-21902.	10.3	50
149	CMR properties of Cr-doped Mn(IV)-rich manganites Ca <sub>1-x</sub> Sm <sub>x</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 1998, 188, 185-194.	2.3	49
150	Unconventional aspects of electronic transport in delafossite oxides. Science and Technology of Advanced Materials, 2017, 18, 919-938.	6.1	49
151	Spin-orbit coupling and crystal-field distortions for a low-spin $3d^3$ state in $BaCoO_{3-x}$ . Physical Review B, 2010, 81, .	3.2	49
152	Mn site doping induced insulator to metal transition in Pr <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> . Journal of Applied Physics, 1997, 82, 1485-1487.	2.5	48
153	Magnetization jumps and thermal cycling effect induced by impurities in Pr <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> . Journal of Physics Condensed Matter, 2002, 14, 11809-11819.	1.8	48
154	Sign change of the thermoelectric power in LaCoO <sub>3</sub> . European Physical Journal B, 2004, 39, 145-148.	1.5	48
155	Electronic Correlations in CoO <sub>2</sub> , the Parent Compound of Triangular Cobaltates. Physical Review Letters, 2007, 98, 246402.	7.8	48
156	Local orbital occupation and energy levels of Co in $Na_{1-x}Mn_xO_2$ . A soft x-ray absorption study. Physical Review B, 2010, 81, .	3.2	48
157	An enhancement of $T_c$ , from 45 K to 70 K, via Cd substitution in (Pb, Cu)Sr <sub>2</sub> (Ca, Y)Cu <sub>2</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 1992, 195, 35-40.	1.2	47
158	Complex influence of the Bi-O reservoir and oxygen nonstoichiometry on the hole density in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . Physical Review B, 1993, 48, 1249-1253.	3.2	47
159	A crystal study of the 128 K superconductor Tl <sub>2</sub> Ba <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> synthesis and anisotropic magnetic properties. Physica C: Superconductivity and Its Applications, 1994, 219, 407-412.	1.2	47
160	Increase of $T_N$ up to 190 K in the Type II CMR Manganite Pr <sub>1/2</sub> Sr <sub>1/2</sub> MnO <sub>3</sub> . Journal of Solid State Chemistry, 1996, 123, 413-416.	2.9	47
161	Spin-lattice coupling induced phase transition in the $S=2$ frustrated antiferromagnet $CuMnO_2$ . Physical Review B, 2009, 80, .	3.2	47
162	Thermoelectric properties of n-type cobalt doped chalcopyrite $Cu_{1-x}Co_xFeS_2$ and p-type eskebornite $CuFeSe_2$ . Journal of Materiomics, 2015, 1, 68-74.	5.7	47

#	ARTICLE	IF	CITATIONS
163	Irreversibility lines of Yb and Pb substituted Bi-2212 single crystals. Physica C: Superconductivity and Its Applications, 1994, 225, 235-239.	1.2	46
164	Re and Ru induced CMR effect in CaMnO3: the prime role of valency. Materials Research Bulletin, 2000, 35, 1579-1585.	5.2	46
165	Insensitivity of the band structure of substituted SrRuO3 as probed by Seebeck coefficient measurements. Physical Review B, 2006, 73, .	3.2	46
166	The Crystal Chemistry of Ferric Oxyhydroxyapatite. Inorganic Chemistry, 2008, 47, 11774-11782.	4.0	46
167	Neutron diffraction evidence for an antiferromagnetic ordering in the CMR manganites Pr0.7Ca0.3-xSrxMnO3. Journal of Magnetism and Magnetic Materials, 1996, 153, L260-L264.	2.3	45
168	Charge ordering and structural transitions in Pr0.5Sr0.41Ca0.09MnO3. Journal of Magnetism and Magnetic Materials, 1998, 190, 221-232.	2.3	45
169	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.	1.5	45
170	Variable-Temperature Electrical Measurements of Zinc Oxide/Tin Oxide-Cosubstituted Indium Oxide. Chemistry of Materials, 2002, 14, 52-57.	6.7	45
171	$\frac{O}{Fe} \frac{9}{4}$ Spin reorientation and metamagnetic transitions in Bi2018. Journal of Magnetism and Magnetic Materials, 2001, 223, 1-10.	3.2	45
172	$\frac{F}{e} \frac{0.5}{R}$ Spin reorientation and metamagnetic transitions in Bi2018. Journal of Magnetism and Magnetic Materials, 2001, 223, 1-10.	3.2	45
173	$\frac{r}{C} \frac{0.5}{Ba_2Ca_2Cu_3O_{10}}$ The 125 K superconductor Tl2-xBa2Ca2Cu3O10+δ: A tentative structural model. Journal of Solid State Chemistry, 1988, 74, 428-432.	2.9	44
174	The bismuth oxycarbonate Bi2Sr6-xCu3O10(CO3)2.. Physica C: Superconductivity and Its Applications, 1993, 212, 199-205.	1.2	44
175	Stabilization of mercury cuprates by bismuth The superconductors Hg xBixBa2Cam 1CumO2m + 2 + δ. Physica C: Superconductivity and Its Applications, 1995, 241, 1-9.	1.2	44
176	Effect of aluminium for manganese substitution upon the GMR properties of the praseodymium manganites. Journal of Materials Chemistry, 1996, 6, 1245.	6.7	44
177	$\frac{S}{3} \frac{2}{3}$ ZrSe3-Type Variant of TiS3: Structure and Thermoelectric Properties. Chemistry of Materials, 2014, 26, 5585-5591.	3.2	44
178	ZrSe3-Type Variant of TiS3: Structure and Thermoelectric Properties. Chemistry of Materials, 2014, 26, 5585-5591.	6.7	44
179	Lead-mercury-based superconductors. The 1212 cuprate Pb0.7Hg0.3Sr2+xCa0.7Nd0.3-xCu2O7-δ and the new oxycarbonate Pb0.7Hg0.3Sr4Cu2CO3O7. Physica C: Superconductivity and Its Applications, 1994, 222, 19-26.	1.2	43
180	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.	1.2	43

#	ARTICLE	IF	CITATIONS
181	Charge and magnetic order suppression by Mn site doping in layered and three-dimensional manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 183, 143-151.	2.3	43
182	Neutron scattering evidence for magnetic-field-driven abrupt magnetic and structural transitions in a phase-separated manganite. <i>Physical Review B</i> , 2003, 68, .	3.2	43
183	Specific heat investigation of the magnetic ordering in two frustrated spin-chain oxides: Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> and Ca <sub>3</sub> CoRhO <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , 2003, 15, 5737-5746.	1.8	43
184	A New Mixed-Valence Ferrite with a Cubic Structure, YBaFe <sub>4</sub> O <sub>7</sub> : Spin-Glass-Like Behavior. <i>Chemistry of Materials</i> , 2009, 21, 1116-1122.	6.7	43
185	Spin-driven ferroelectricity in the delafossite CuFe <sub>1-x</sub> Rh <sub>x</sub> O <sub>2</sub> (0 ≤ x ≤ 0.15). <i>Journal of Solid State Chemistry</i> , 2010, 183, 344-349.	2.9	43
186	Magnetization and resistivity steps in the phase separated Pr Ca Mn Ni O manganites. <i>European Physical Journal B</i> , 2002, 29, 419-424.	1.5	42
187	Sr <sub>2</sub> /3Y <sub>1</sub> /3CoO <sub>8</sub> /3 $\hat{\Gamma}$ : Transition from insulating antiferromagnet to metallic ferromagnet by control of the oxygen content. <i>Journal of Solid State Chemistry</i> , 2005, 178, 868-873.	2.9	42
188	A 55 K superconducting copper oxycarbonate: Tl <sub>1-x</sub> BixSr <sub>4</sub> Cu <sub>2</sub> CO <sub>3</sub> O <sub>7</sub> . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 208, 149-154.	1.2	41
189	Magnetodielectric coupling in a triangular Ising lattice: Experiment and modeling. <i>Physical Review B</i> , 2008, 77, .	3.2	41
190	Magnetoelastic coupling and unconventional magnetic ordering in the multiferroic triangular lattice AgCrS $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ . <i>Physical Review B</i> , 2011, 83, .	3.2	41
191	Undoped Sr <sub>2</sub> MMoO <sub>6</sub> Double Perovskite Molybdates (M = Ni, Mg, Fe) as Promising Anode Materials for Solid Oxide Fuel Cells. <i>Materials</i> , 2021, 14, 1715.	2.9	41
192	Neutron diffraction structure determination of the $\hat{\Gamma}$ -series TlBa <sub>2</sub> Ca <sub>1-x</sub> NdxCu <sub>2</sub> O <sub>7</sub> $\hat{\Gamma}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1991, 178, 29-36.	1.2	40
193	Magnetic and Structural Transitions in the Half-Doped Manganites Pr <sub>0.5</sub> Sr <sub>0.5-x</sub> CaxMnO <sub>3</sub> . <i>Chemistry of Materials</i> , 1999, 11, 536-541.	6.7	40
194	Structural and thermoelectric properties of n-type isocubanite CuFe <sub>2</sub> S <sub>3</sub> . <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 424-432.	6.0	40
195	Excellent Semiconductors Based on Tetracenotetracene and Pentacenopentacene: From Stable Closed-Shell to Singlet Open-Shell. <i>Journal of the American Chemical Society</i> , 2019, 141, 9373-9381.	13.7	40
196	Microstructural and physical properties of layered manganites oxides related to the magnetoresistive perovskites. <i>Journal of Applied Physics</i> , 1996, 80, 5850-5856.	2.5	39
197	A new $\hat{\Gamma}$ -mercury-based 90 K superconductor: Y <sub>0.6</sub> Ca <sub>0.4</sub> Ba <sub>2</sub> [Hg <sub>1-x</sub> M <sub>x</sub> ]O <sub>6+y</sub> . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 212, 239-244.	1.2	38
198	Crystal chemistry of superconducting mercury-based cuprates and oxycarbonates. <i>Journal of Materials Chemistry</i> , 1995, 5, 803.	6.7	38

#	ARTICLE	IF	CITATIONS
199	Magnetic field dependence of the resistance and magnetization of the giant magnetoresistive Pr <sub>0.7</sub> Ca <sub>0.25</sub> Sr <sub>0.05</sub> MnO <sub>3</sub> polycrystalline sample. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 152, L5-L9.	2.3	38
200	Colossal magnetoresistance properties of the manganese perovskites La <sub>0.7-x</sub> Y <sub>x</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . <i>Journal of Applied Physics</i> , 1996, 79, 7891-7895.	2.5	38
201	Extension of ferromagnetism and metallicity to electron-rich manganites by Ru-doping: Generation of new CMR oxides Sm Ca Mn Ru O. <i>European Physical Journal B</i> , 2000, 16, 469-474.	1.5	38
202	Magnetodielectric coupling and magnetization plateaus in $\hat{\pm}$ -CoV <sub>2</sub> O <sub>6</sub> crystals. <i>Journal of Materials Chemistry</i> , 2012, 22, 6436.	6.7	38
203	Ru doping of the A-type antiferromagnet Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> : Conversion to a metallic ferromagnet. <i>Journal of Applied Physics</i> , 2001, 89, 500-503.	2.5	37
204	Vacancies at Mn-site in Mn <sup>3+</sup> rich manganites: a route to ferromagnetism but not to metallicity. <i>Solid State Communications</i> , 2002, 123, 311-315.	1.9	37
205	Enhancement of the thermoelectric performances of In <sub>2</sub> O <sub>3</sub> by the coupled substitution of M <sup>2+</sup> /Sn <sup>4+</sup> for In <sup>3+</sup> . <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	37
206	Insulator-metal like transition in air-synthesized Mn <sup>4+</sup> -rich La <sub>1-x</sub> Ba <sub>x</sub> MnO <sub>3</sub> : grain boundary phase effect. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 1297-1306.	1.8	36
207	Crystallographic structure and magnetic ordering in CaMn <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> (x=0.1/2/0.40) manganites: $\hat{\epsilon}$ , $\hat{\epsilon}$ , Neutron diffraction, ac susceptibility, and electron magnetic resonance studies. <i>Physical Review B</i> , 2004, 70, .	3.2	36
208	Competition between ferromagnetism and spin glass: The key for large magnetoresistance in oxygen-deficient perovskites SrCo <sub>1-x</sub> M <sub>x</sub> O <sub>3</sub> (M=Nb,Ru). <i>Physical Review B</i> , 2005, 71, .	3.2	36
209	Thermoelectric properties of the chalcopyrite Cu <sub>1-x</sub> M <sub>x</sub> FeS <sub>2-y</sub> series (M = Mn, Co, Ni). <i>RSC Advances</i> , 2016, 6, 55117-55124.	3.6	36
210	Synthesis and characterization of single crystals of the superconductors Hg <sub>0.8</sub> Bi <sub>0.2</sub> Ba <sub>2</sub> Ca <sub>n-1</sub> Cu <sub>n</sub> O <sub>2n+2+<math>\hat{\Gamma}</math></sub> (n=2,3). <i>Physical Review B</i> , 1996, 54, 16246-16253.	3.2	35
211	Magnetization relaxation and aging in spin-glass (La,Y) <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> (x=0.25, 0.3 and 0.5) perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 184, 83-88.	2.3	35
212	Anomalous magnetotransport properties of the highly A-site mismatched manganite Nd <sub>0.7</sub> Ba <sub>0.3</sub> MnO <sub>3</sub> . <i>Solid State Communications</i> , 1998, 107, 363-368.	1.9	35
213	Transport, thermoelectric, and magnetic properties of a dense Cr <sub>2</sub> S <sub>3</sub> ceramic. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	35
214	Copper oxycarbonates with a layered structure, new promising high T <sub>c</sub> superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 209, 163-166.	1.2	34
215	Ferromagnetism and magnetoresistance in monolayered manganites Ca <sub>2-x</sub> Ln <sub>x</sub> MnO <sub>4</sub> . <i>Journal of Materials Chemistry</i> , 1998, 8, 2411-2416.	6.7	34
216	Magnetic properties of the nonstoichiometric Sr-doped manganites. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 1123-1131.	1.5	34

#	ARTICLE	IF	CITATIONS
217	Avalanches, irreversibility, and phase separation in Co-substituted $\text{Pr}_{0.50}\text{Ca}_{0.50}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ . Physical Review B, 2006, 74, .	3.2	34
218	Interplay between magnetic properties and thermoelectricity in misfit and Na cobaltates. Physical Review B, 2007, 76, .	3.2	34
219	Evidence of oxygen-dependent modulation in $\text{LuFe}_{2-x}\text{Mn}_x\text{O}_4$ . Physical Review B, 2012, 85, .	3.2	34
220	Revisiting the properties of delafossite $\text{CuCrO}_2$ : A single crystal study. Journal of Solid State Chemistry, 2012, 185, 56-61.	2.9	34
221	Localised $\text{Ag}^+$ vibrations at the origin of ultralow thermal conductivity in layered thermoelectric $\text{AgCrSe}_2$ . Scientific Reports, 2016, 6, 23415.	3.3	34
222	Anisotropy of resistivity in TI-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.	3.2	33
223	What about the role of B elements in the CMR properties of $\text{ABO}_3$ perovskites?. Journal of Alloys and Compounds, 1998, 275-277, 461-467.	5.5	33
224	Structural, Magnetic, and Transport Properties of the $\text{SrTi}_{1-x}\text{Co}_x\text{O}_3$ Perovskite ( $0 \leq x \leq 0.9$ ). Inorganic Chemistry, 2004, 43, 8169-8175.	4.0	33
225	Soft chemistry synthesis and characterizations of fully oxidized and reduced $\text{NdBaCo}_2\text{O}_{5+\delta}$ phases ( $\delta=0, 1$ ). Solid State Ionics, 2006, 177, 1879-1881.	2.7	33
226	The Great Flexibility of the Rock Salt Layers in the Lead-Based 1212 High-Tc Superconductive Cuprates: The Oxides $(\text{Pb}, \text{A})\text{Sr}_2(\text{Ca}, \text{Ln})\text{Cu}_2\text{O}_{7-\delta}$ . Journal of Solid State Chemistry, 1993, 102, 31-39.	2.9	32
227	Large Oxygen Deficiency in an $n=2$ Member of the RP Series: $\text{Sr}_3\text{FeCoO}_{7-x}$ ( $x \approx 1/2$ 1.55). Chemistry of Materials, 2002, 14, 3128-3135.	6.7	32
228	Raman spectroscopy on cubic and hexagonal $\text{SrMnO}_3$ . Journal of Raman Spectroscopy, 2006, 37, 591-596.	2.5	32
229	Silver intercalation in SPS dense $\text{TiS}_2$ : staging and thermoelectric properties. Dalton Transactions, 2015, 44, 7887-7895.	3.3	32
230	Oxygen pressure, the key factor for optimization of superconductivity in the 1212-phase $\text{Pb}_{1-x}\text{Sr}_2\text{Ca}_{0.5}\text{Y}_{0.5}\text{Cu}_2\text{O}_{7-\delta}$ . Physica C: Superconductivity and Its Applications, 1991, 177, 461-468.	1.2	31
231	Increase of the GMR Ratios up to 106 by Iron Doping in the Manganite $\text{Sm}_{0.56}\text{Sr}_{0.44}\text{MnO}_3$ . Journal of Solid State Chemistry, 1996, 124, 385-387.	2.9	31
232	Modulated charge ordering process in $\text{Sm}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ manganites. Journal of Materials Chemistry, 1998, 8, 1405-1411.	6.7	31
233	Doping dependence of the in-plane penetration depth and fishtail in $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_{8+\delta}$ single crystals. Physical Review B, 1998, 58, 15231-15237.	3.2	31
234	Magnetism and transport in $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ single crystals ( $0.48 < x < 0.57$ ). Physical Review B, 2002, 66, .	3.2	31

#	ARTICLE	IF	CITATIONS
235	Effect of pressure on magnetic and transport properties of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ( $x=0\text{--}0.15$ ): Collapse of ferromagnetic phase in $\text{CaMn}_{0.9}\text{Ru}_{0.1}\text{O}_3$ . <i>Physical Review B</i> , 2004, 70, .	3.2	31
236	Crystal structure and magnetic and transport properties of $\text{Sm}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ : A-type antiferromagnetic phase and ferromagnetic polarons. <i>Physical Review B</i> , 2005, 72, .	3.2	31
237	Structural and Magnetic Transitions in $\text{CaMn}_{1-x}\text{W}_x\text{O}_3$ . <i>Chemistry of Materials</i> , 2007, 19, 4243-4251.	6.7	31
238	Long-range magnetic order and spin-lattice coupling in delafossite $\text{CuFeO}_2$ . <i>Physical Review B</i> , 2008, 78, .	3.2	31
239	Structure and magnetic properties of $\text{LnBaFe}_4\text{O}_7$ oxides: Ln size effect. <i>Journal of Materials Chemistry</i> , 2009, 19, 8335.	6.7	31
240	Mg substitution in $\text{CuCrO}_2$ delafossite compounds. <i>Solid State Communications</i> , 2011, 151, 1798-1801.	1.9	31
241	Substituting Copper with Silver in the $\text{BiMOCh}$ Layered Compounds (M = Cu or Ag; Ch = S, Se, or Te): Crystal, Electronic Structure, and Optoelectronic Properties. <i>Chemistry of Materials</i> , 2018, 30, 549-558.	6.7	31
242	Superconductivity up to 110 K in the 1212-Hg based cuprate $\text{Nd}_{1-x}\text{Ca}_x\text{Ba}_2\text{Hg}_{1-x}\text{Cu}_{2+x}\text{O}_{6+y}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 216, 1-5.	1.2	30
243	Stabilisation of three new oxycarbonates by V and Cr substitutions The superconductors (Tl,M) $1\text{Sr}_4\text{Cu}_2(\text{CO}_3)_7$ (M $\rightarrow$ Cr, V) and (Hg,V) $1\text{Sr}_4\text{Cu}_2(\text{CO}_3)_6+z$ . <i>Physica C: Superconductivity and Its Applications</i> , 1995, 249, 220-233.	1.2	30
244	Field effect on phase segregation in the electron-doped mixed-valence manganites near a structural instability. <i>Physical Review B</i> , 2002, 65, .	3.2	30
245	The magnetic properties of the hole-doped cobaltites $\text{R}_{0.5}\text{A}_{0.5}\text{CoO}_3$ (R = La, rare earth and A = Ca, Sr, Ba). <i>Journal of Physics Condensed Matter</i> , 2002, 14, 8595-8604.	1.8	30
246	Abrupt jumps in the metamagnetic transitions of orbitally ordered manganites. <i>Journal of Applied Physics</i> , 2003, 93, 7361-7363.	2.5	30
247	Thermoelectric anisotropy and texture of intercalated $\text{TiS}_2$ . <i>Applied Physics Letters</i> , 2017, 111, .	3.3	30
248	Reversed exchange-bias effect associated with magnetization reversal in the weak ferrimagnet $\text{LuF}_{0.5}\text{C}_r$	3.2	30
249	Composition-induced superconductivity (up to 55 K) in the system $(\text{Pb}_{0.75}\text{Cu}_{0.25})\text{Sr}_2(\text{Ca}_{1-x}\text{Y}_x)\text{Cu}_2\text{O}_7$ . <i>Journal of Solid State Chemistry</i> , 1991, 93, 276-282.	2.9	29
250	Magnetic study of $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ single crystals: effect of doping on irreversibility and fishtail lines. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 266, 173-177.	1.2	29
251	The layered manganate $\text{Sr}_{4-x}\text{Ba}_x\text{Mn}_3\text{O}_{10}$ : synthesis, structural and magnetic properties. <i>Solid State Sciences</i> , 2000, 2, 1-9.	3.2	29
252			

#	ARTICLE	IF	CITATIONS
253	Nature of the ferromagnetism induced by nonmagnetic substitutions on the Ru site of $\text{CaRuO}_3$ . <i>Physical Review B</i> , 2006, 73, .	3.2	29
254	Complex competition between ferromagnetism and antiferromagnetism in the CMR manganites $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ . <i>Zeitschrift für Physik B-Condensed Matter</i> , 1997, 104, 21-26.	1.1	28
255	Growth and superconductivity of $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_{8+\delta}$ single crystals in the Tc optimum region. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 278, 11-22.	1.2	28
256	Anomalous magnetic ordering of Ce and Kondo-like effect in the double-exchange ferromagnet $(\text{Pr}_{0.1}\text{Ce}_{0.4}\text{Sr}_{0.5})\text{MnO}_3$ . <i>Physical Review B</i> , 1999, 60, 533-537.	3.2	28
257	Electron doping in $\text{CaMnO}_3$ induced by Mo for Mn substitution: An efficient route to orbital and charge ordering. <i>Physical Review B</i> , 2001, 63, .	3.2	28
258	A new thermoelectric misfit cobaltite: $[\text{Sr}_2\text{CoO}_3][\text{CoO}_2]_{1.8}$ . <i>Solid State Sciences</i> , 2004, 6, 167-172.	3.2	28
259	The crystallographic and magnetic characteristics of $\text{Sr}_2\text{CrO}_4$ (K <sub>2</sub> NiF <sub>4</sub> -type) and $\text{Sr}_{10}(\text{CrO}_4)_6\text{F}_2$ (apatite-type). <i>Journal of Solid State Chemistry</i> , 2007, 180, 1538-1546.	2.9	28
260	Magnetoelectric interactions in polycrystalline multiferroic antiferromagnets $\text{CuFe}_{1-x}\text{Rh}_x\text{O}_2$ ( $x=0.00$ ) $T_{\text{J}} \text{ETQq} 0.0 \text{rgBT} / \text{Overlock } 10$	3.2	28
261	The electronic structure of the $\text{CuRh}_{1-x}\text{Mg}_x\text{O}_2$ thermoelectric materials: An X-ray photoelectron spectroscopy study. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2387-2392.	2.9	28
262	Large anisotropic thermal conductivity of the intrinsically two-dimensional metallic oxide $\text{PdCoO}_2$ . <i>Physical Review B</i> , 2015, 91, .	3.2	28
263	Analysis of the lock-in transition in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ single crystals through microwave dissipation. <i>Physical Review B</i> , 1996, 53, R14757-R14760.	3.2	27
264	Structural and Magnetotransport Transitions in the Electron-Doped $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.85 $\leq x \leq 1$ ) Manganites. <i>Chemistry of Materials</i> , 2000, 12, 1456-1462.	6.7	27
265	Magnetoresistance and magnetothermopower in the rhodium misfit oxide $[\text{Bi}_{1.95}\text{Ba}_{1.95}\text{Rh}_{0.1}\text{O}_4][\text{RhO}_2]_{1.8}$ . <i>Physical Review B</i> , 2006, 73, .	3.2	27
266	Enhanced thermoelectric properties in a layered rhodium oxide with a trigonal symmetry. <i>Physical Review B</i> , 2007, 76, .	3.2	27
267	Thermoelectric materials taking advantage of spin entropy: lessons from chalcogenides and oxides. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 583-596.	6.1	27
268	The important role of pyramidal copper layers of the 123-structure in superconductivity. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 182, 219-227.	1.2	26
269	A mercury-based superconducting cuprate, intergrowth of the 2201 and 1201 structures $\text{Tl}_2\text{HgBa}_4\text{Cu}_2\text{O}_{10+y}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 212, 274-278.	1.2	26
270	Two transition-metal-substituted superconducting mercury-based oxycarbonates, $\text{Hg}_{1-x}\text{M}_x\text{Sr}_4\text{Cu}_2(\text{CO}_3)_6\text{O}_{6+\delta}$ (M = Cr and Mo). <i>Physica C: Superconductivity and Its Applications</i> , 1995, 246, 1-10.	1.2	26



#	ARTICLE	IF	CITATIONS
271	Superconducting fluctuations in Tl-based single crystals: Evidence of universal features and derivation of basic parameters. <i>Physical Review B</i> , 1995, 51, 9123-9128.	3.2	26
272	AC susceptibilities and size effect in $\text{Ln}_{0.7}(\text{Sr}, \text{Ca})_{0.3}\text{MnO}_3$ CMR manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 168, L237-L242.	2.3	26
273	Transport and magnetic properties of $\text{Ca}_{3-x}\text{Sr}_x\text{Co}_4\text{O}_9$ . <i>Journal of Applied Physics</i> , 2002, 92, 124-128.	2.5	26
274	Charge-ordered orbital ordering above room temperature in the 2D $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_4$ manganites. <i>Journal of Solid State Chemistry</i> , 2003, 170, 361-367.	2.9	26
275	Coupled negative magnetocapacitance and magnetic susceptibility in a Kagomé staircase-like compound $\text{Co}_3\text{V}_2\text{O}_8$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 056001.	1.8	26
276	Impact of metal substitutions for cobalt in $\text{YBaCo}_4\text{O}_7$ . <i>Journal of Solid State Chemistry</i> , 2008, 181, 1220-1226.	2.9	26
277	The $\text{Co}^{114}$ -Cobaltites and Ferrites: New Routes to Ferrimagnetism and Magnetic Frustration. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1869-1876.	1.2	26
278	(Tl, Bi) $\text{Sr}_2\text{CaCu}_2\text{O}_7$ $\text{Co}^{1212}$ -superconducting single crystal A structural and magnetic study. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 232, 387-395.	1.2	25
279	Correlation of the size effect with the thermoelectric power for the Pr-based manganites $\text{Pr}_{0.7}\text{Ca}_{0.3-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review B</i> , 1996, 54, 11947-11950.	3.2	25
280	Mn-site doping induced CMR properties in calcium rich manganites ( ). <i>European Physical Journal B</i> , 1998, 1, 145-150.	1.5	25
281	A Co(IV)-rich 2D ferromagnet with magnetoresistance properties: $\text{Sr}_3\text{FeCoO}_7$ . <i>Solid State Communications</i> , 2001, 118, 517-522.	1.9	25
282	Ferromagnetism and metallicity in $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ( $x=0-0.08$ ): Interplay between Ru doping and hydrostatic pressure. <i>Physical Review B</i> , 2002, 65, .	3.2	25
283	Magnetothermoelectric power of $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ with Ru substitution at the Mn site. <i>Physical Review B</i> , 2002, 66, .	3.2	25
284	Magnetization steps in a noncharge-ordered manganite, $\text{Pr}_{0.5}\text{Ba}_{0.5}\text{MnO}_3$ . <i>Applied Physics Letters</i> , 2003, 82, 4746-4748.	3.3	25
285	Synthesis and Thermoelectric Properties in the 2D $\text{Ti}_1-x\text{Nb}_x\text{S}_3$ Trichalcogenides. <i>Materials</i> , 2015, 8, 2514-2522.	2.9	25
286	A 116 K superconductor with $\text{Co}^{1223}$ -structure: $\text{TlBaSrCa}_2\text{Cu}_3\text{O}_9$ . <i>Physica C: Superconductivity and Its Applications</i> , 1992, 201, 362-368.	1.2	24
287	Influence of the size of the interpolated cation upon the CMR properties of the perovskites $\text{Nd}_{0.7}\text{Ca}_{0.3-x}\text{Sr}_x\text{MnO}_3$ . <i>Zeitschrift Für Physik B-Condensed Matter</i> , 1996, 101, 169-174.	1.1	24
288	Influence of Fe-Site Substitutions upon Intragrain and Intergrain Magnetoresistance in the Double-Perovskite $\text{Ba}_2\text{FeMoO}_6$ . <i>Chemistry of Materials</i> , 2001, 13, 1746-1751.	6.7	24

#	ARTICLE	IF	CITATIONS
289	ion effects in $\text{CaCu}_3\text{Ru}_4\text{O}_{12}$	3.2	24
290	Magnetodielectric Effect in Crystals of the Noncentrosymmetric $\text{CaOFeS}$ at Low Temperature. Inorganic Chemistry, 2015, 54, 6560-6565.	4.0	24
291	$\text{XBi}_4\text{S}_7$ (X = Mn, Fe): New Cost-Effective Layered n-Type Thermoelectric Sulfides with Ultralow Thermal Conductivity. Advanced Functional Materials, 2019, 29, 1904112.	14.9	24
292	The complex distribution of iron in the $(\text{Y}, \text{Ca})\text{Ba}_2(\text{Cu}, \text{Fe})_3\text{O}_{6+y}$ cuprate. Physica C: Superconductivity and Its Applications, 1993, 205, 63-77.	1.2	23
293	Crystal growth, structure, and properties of manganese orthovanadate $\text{Mn}_3(\text{VO}_4)_2$ . Solid State Sciences, 2000, 2, 99-107.	3.2	23
294	Anomalous increase of resistivity against thermal cycling in some of the phase separated manganites. Journal of Applied Physics, 2001, 90, 2422-2426.	2.5	23
295	Magnetothermopower and giant magnetoresistance in the spin-glass $\text{CuCrTiS}_4$ thiospinel. Journal of Applied Physics, 2018, 124, .	2.5	23
296	Bulk superconductivity in $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ and $\text{TlBa}_2\text{Ca}_2\text{Cu}_3\text{O}_9$ phases. Physica C: Superconductivity and Its Applications, 1988, 156, 243-248.	1.2	22
297	Scaling behavior of conductivity and magnetization in high-temperature superconductors. Physical Review B, 1997, 55, 3929-3934. Diluted magnetic interactions in an oxygen-deficient perovskite cobaltite: magnetoresistance in the	3.2	22

298

#	ARTICLE	IF	CITATIONS
307	Magnesium, a promising dopant for the improvement of the CMR properties of perovskite manganites. Zeitschrift für Physik B-Condensed Matter, 1997, 102, 299-305.	1.1	21
308	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.	2.3	21
309	Destabilization of the cooperative Jahn-Teller effect in $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$ by Ru-doping. Journal of Magnetism and Magnetic Materials, 2002, 241, 303-314.	2.3	21
310	A magnetic study of the one dimensional $\text{SrNi}_2\text{O}_6$ compound. European Physical Journal B, 2003, 35, 317-323.	1.5	21
311	Extension of the misfit series to the mercury-based cobaltites. Journal of Solid State Chemistry, 2003, 170, 374-381.	2.9	21
312	Staircase-like metamagnetic transitions in phase-separated manganites: Influence of thermal and mechanical treatments. Journal of Applied Physics, 2003, 94, 5316.	2.5	21
313	Nickel substitution in $\text{YBaCo}_4\text{O}_7$ : Effect on the physical properties. Solid State Communications, 2008, 147, 470-473.	1.9	21
314	Substitution Effect on the Interplane Coupling in $\text{Cu}_{1.04}\text{Mn}_{0.96}\text{O}_2$ Case. Chemistry of Materials, 2011, 23, 85-94.	6.7	21
315	$\text{F}_4\text{eMn}_4\text{T}_2$	2.4	21
316	The $\text{C}_{1201}$ -phase of the $\text{Th-Tl-Sr-La-Cu-O}$ system. Physica C: Superconductivity and Its Applications, 1991, 179, 214-226.	1.2	20
317	A new superconducting oxycarbonate $\text{Bi}_{0.5}\text{Hg}_{0.5}\text{Sr}_4\text{Cu}_2\text{CO}_3\text{O}_7$ . Physica C: Superconductivity and Its Applications, 1994, 227, 215-224.	1.2	20
318	New superconducting vanadomercure cuprates $\text{Hg}_{0.8}\text{V}_{0.2}\text{Ba}_2\text{Ca}_{m-1}\text{Cu}_m\text{O}_{2m+2}$ . Physica C: Superconductivity and Its Applications, 1995, 243, 214-221.	1.2	20
319	Evidence of enhanced pinning properties in optimally doped $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_8$ single crystals. Applied Physics Letters, 1996, 69, 1480-1482.	3.3	20
320	Magnetic and transport properties, and electronic structure of the layered chalcogenide $\text{AgCrSe}_2$ . Solid State Communications, 2002, 122, 607-612.	1.9	20
321	FMR probing of spontaneous and Ru-doping induced ferromagnetism in $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ( $x=0.08$ ) manganites. Solid State Communications, 2003, 126, 395-399.	1.9	20
322	Sharp magnetization steps induced by A-site substitution in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . Journal of Physics Condensed Matter, 2003, 15, 7055-7062.	1.8	20
323	Instability of magnetism in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ( $x=0.015, 0.03$ ): Competition between pressure and thermal cycling effects. Physical Review B, 2006, 73, .	3.2	20
324	Ferromagnetism induced by chromium substitution in the $\text{CaRuO}_3$ perovskite. Physical Review B, 2006, 74, .	3.2	20

#	ARTICLE	IF	CITATIONS
325	Transport and magnetic properties of highly densified CoS <sub>2</sub> ceramic. Journal of Applied Physics, 2013, 114, .	2.5	20
326	Closely related magnetic and dielectric transitions in the $\text{Ca}_{1-x}\text{Ba}_x\text{Co}_4\text{O}_7$ magnetoelectric Zn-doped CaBaCo <sub>4</sub> O <sub>7</sub> . Journal of Applied Physics, 2014, 116, .	2.5	20
327	The Oxycarbonate Y <sub>1.6</sub> Ca <sub>0.4</sub> Ba <sub>4</sub> Cu <sub>5</sub> CO <sub>3</sub> O <sub>11</sub> , n = 2 Member of the "123"-Type Derivatives (Y <sub>1-x</sub> Ca <sub>x</sub> ) <sub>n</sub> Ba <sub>2n</sub> Cu <sub>3n-1</sub> CO <sub>3</sub> O <sub>7n-3</sub> . Journal of Solid State Chemistry, 1993, 105, 300-304.	2.9	19
328	Magnetic properties of a Tl <sub>0.5</sub> Pb <sub>0.5</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>7</sub> single crystal. Physica C: Superconductivity and Its Applications, 1994, 228, 323-330.	1.2	19
329	Substitution of mercury for thallium in the 2223-cuprate : The 130K-superconductor Tl <sub>1.6</sub> Hg <sub>0.4</sub> Ba <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> . Solid State Communications, 1994, 90, 47-50.	1.9	19
330	A possible origin of colossal magnetoresistance in charge-ordered manganate La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . Solid State Communications, 1999, 111, 525-528.	1.9	19
331	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
332	Pr <sub>0.5</sub> Sr <sub>0.5-x</sub> Ba <sub>x</sub> MnO <sub>3</sub> : Size and Mismatch Effects on Structural and Magnetic Transitions. Chemistry of Materials, 2003, 15, 1886-1896.	6.7	19
333	Electron magnetic resonance (EMR) study of electron "hole asymmetry in La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> manganites (x=0.2,0.8). Journal of Magnetism and Magnetic Materials, 2005, 290-291, 910-913.	2.3	19
334	Mössbauer spectroscopic analysis of Bi <sub>1-x</sub> Sr <sub>x</sub> FeO <sub>3</sub> perovskites. Solid State Sciences, 2010, 12, 1387-1392.	3.2	19
335	Intrinsic effects of substitution and intercalation on thermal transport in two-dimensional TiS <sub>2</sub> single crystals. Journal of Applied Physics, 2015, 117, 165101.	2.5	19
336	Magnetization reversal in mixed ferrite-chromite perovskites with non magnetic cation on the A-site. Journal of Physics Condensed Matter, 2016, 28, 476003.	1.8	19
337	Thallium nonstoichiometry in 2212-thallium cuprate. Journal of Solid State Chemistry, 1992, 96, 271-286.	2.9	18
338	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.	2.0	18
339	A Strontium-Rich 2201-Type Cobaltite with a Nonmodulated Structure: Bi <sub>1-x</sub> Sr <sub>3+x</sub> CoO <sub>6</sub> . Journal of Solid State Chemistry, 1999, 148, 108-118.	2.9	18
340	A New Cobaltite with a Tubular Structure: Bi <sub>3.7</sub> Sr <sub>11.4</sub> Co <sub>8</sub> O <sub>28</sub> , the n = 2 Member of the Series [Bi <sub>2</sub> Sr <sub>2</sub> CoO <sub>6</sub> ] <sub>n</sub> [Sr <sub>8</sub> Co <sub>6</sub> O <sub>16</sub> ]. Chemistry of Materials, 1999, 11, 84-89.	6.7	18
341	Universal behavior of the in-plane paraconductivity of cuprate superconductors in the short-wavelength fluctuation regime. Physical Review B, 2002, 65, .	3.2	18
342	Cationic ordering in hexagonal perovskite derivatives: 12 R-ordered polytype oxides, Ba <sub>12</sub> Ca <sub>3</sub> Mo <sub>3</sub> Mn <sub>6</sub> O <sub>36</sub> and Ba <sub>12</sub> In <sub>3</sub> Mn <sub>9</sub> O <sub>34.5</sub> . Solid State Sciences, 2003, 5, 243-248.	3.2	18

#	ARTICLE	IF	CITATIONS
343	Role of the A-site cations on the magnetic structures and transport properties in the $\text{Nd}_{0.7}\text{Ba}_{0.3}\text{Sr}_y\text{MnO}_3$ ( $0 \leq y \leq 0.2$ ) perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 264, 2.3 221-233.		18
344	The $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ series ( $0 \leq x \leq 0.5$ ): evidence of steps in the magnetic and transport properties for a narrow composition range. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 2701-2709.	1.8	18
345	Hexagonal perovskite cobaltites: Unconventional magnetism at low temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, 394-399.	2.3	18
346	Transition-Metal Oxides with Triangular Lattices: Generation of New Magnetic and Electronic Properties. <i>Inorganic Chemistry</i> , 2008, 47, 8553-8561.	4.0	18
347	Thermopower in the quadruple perovskite ruthenates. <i>Physical Review B</i> , 2015, 91, .	3.2	18
348	Investigation of the exceptional charge performance of the $0.93\text{Li}_4\text{Mn}_2\text{O}_5 \cdot 0.07\text{Li}_2\text{O}$ composite cathode for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5156-5165.	10.3	18
349	Phonon Scattering and Electron Doping by 2D Structural Defects in In/ZnO. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6415-6423.	8.0	18
350	Electronic Band Structure Engineering and Enhanced Thermoelectric Transport Properties in Pb-Doped $\text{BiCuOS}$ Oxysulfide. <i>Chemistry of Materials</i> , 2018, 30, 1085-1094.	6.7	18
351	Anisotropic thermal transport in magnetic intercalates $\text{Fe}_{1-x}\text{M}_x\text{O}_2$ . <i>Physical Review B</i> , 2019, 99, .		18
352	Tin dioxide gas sensors. Part 3. Solid-state electrochemical investigations of reactions taking place at the oxide surface. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989, 85, 783.	1.0	17
353	Irreversibility line and critical current densities of $\text{TiBa}_2\text{Ca}_2\text{Cu}_3\text{O}_9$ : a single crystal study. <i>Cryogenics</i> , 1994, 34, 941-945.	1.7	17
354	Cerium-mercury $\text{Hg}_{0.4}\text{Ce}_{0.5}\text{Sr}_{3-x}\text{M}_x\text{Cu}_2\text{O}_7$ ( $M=\text{Ca}, \text{Ce}, \text{Nd}$ ). A new series of superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 232, 15-21.	1.2	17
355	Modeling of the thermopower of electron-doped manganites. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 303, 223-228.	2.1	17
356	Giant anisotropic magnetostriction in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . <i>Applied Physics Letters</i> , 2003, 82, 242-244.	3.3	17
357	Spin Reorientation Associated with a Structural Transition in the Iron Oxycarbonate $\text{Sr}_4\text{Fe}_2\text{O}_6\text{CO}_3$ . <i>Chemistry of Materials</i> , 2004, 16, 2895-2905.	6.7	17
358	Revealing polarons with high pressure on low electron-doped manganites. <i>Physical Review B</i> , 2004, 70, .	3.2	17
359	Anisotropic susceptibility of the geometrically frustrated spin-chain compound $\text{Ca}_3\text{Co}_2\text{O}_6$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 145229.	1.8	17
360	Magnetodielectric $\text{CuCr}_{0.5}\text{V}_{0.5}\text{O}_2$ : an example of a magnetic and dielectric multiglass. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 226002.	1.8	17

#	ARTICLE	IF	CITATIONS
361	Magnetic and magnetodielectric properties of erbium iron garnet ceramic. Journal of Applied Physics, 2013, 113, .	2.5	17
362	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.	2.9	17
363	TlBa <sub>2</sub> <sup>x</sup> La <sub>2+x</sub> Cu <sub>2</sub> O <sub>9</sub> ± $\frac{1}{2}$ : a new 42 K superconductor, intergrowth of $\sqrt{2} \times \sqrt{2}$ and $\sqrt{2} \times \sqrt{2}$ structures. Physica C: Superconductivity and Its Applications, 1991, 179, 1-8.	1.2	16
364	The Layered Manganocuprate Eu <sub>3</sub> Ba <sub>2</sub> Mn <sub>2</sub> Cu <sub>2</sub> O <sub>12</sub> : An Intergrowth between the "123" and "0201" Structures. Journal of Solid State Chemistry, 1995, 115, 1-6.	2.9	16
365	A mercury based cuprate with the $\sqrt{2} \times \sqrt{2}$ structure: Hg <sub>2</sub> <sup>x</sup> (Cu, Pr) <sub>x</sub> Ba <sub>2</sub> PrCu <sub>2</sub> O <sub>8</sub> ± $\frac{1}{2}$ . Solid State Communications, 1995, 93, 53-56.	1.9	16
366	Thermal anomalies and the insulator-metal (I-M) transition in Mn <sup>3+</sup> /Mn <sup>4+</sup> perovskites. Journal of Applied Physics, 1997, 81, 4975-4976.	2.5	16
367	The 63 K phase transition of ZrTe <sub>3</sub> : a neutron diffraction study. Journal of Materials Chemistry, 1998, 8, 2869-2874.	6.7	16
368	Effect of underdoping on the superconductivity of (Hg,Cu)Ba <sub>2</sub> CuO <sub>4</sub> ± $\frac{1}{2}$ '1201' single crystals. Physica C: Superconductivity and Its Applications, 1999, 314, 196-204.	1.2	16
369	Partial substitution of rhodium for cobalt in the misfit [Pb <sub>0.7</sub> Co <sub>0.4</sub> Sr <sub>1.9</sub> O <sub>3</sub> ]RS[CoO <sub>2</sub> ] <sub>1.8</sub> oxide. Journal of Solid State Chemistry, 2005, 178, 769-775.	2.9	16
370	Primordial role of cobalt valence in the magnetotransport properties of oxygen deficient perovskites Sr <sub>1-x</sub> Ln <sub>x</sub> CoO <sub>3</sub> ± $\frac{1}{2}$ . Journal of Physics Condensed Matter, 2005, 17, 7371-7382.	1.8	16
371	Interplay between itinerant and localized states in CaMn <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> (x $\approx$ 0.5) manganites. Physical Review B, 2006, 73, .	3.2	16
372	Colossal magnetoresistance manganites: importance of the cooperative phenomena. Journal of Materials Chemistry, 2007, 17, 5023.	6.7	16
373	Exploring the thermoelectric behavior of spark plasma sintered Fe <sub>7-x</sub> CoxS <sub>8</sub> compounds. Journal of Alloys and Compounds, 2020, 819, 152999.	5.5	16
374	TlBa <sub>2</sub> (Eu, Ce) <sub>2</sub> Cu <sub>2</sub> O <sub>9</sub> ± $\frac{1}{2}$ , a new member of the double fluorite-type cuprate family. Physica C: Superconductivity and Its Applications, 1992, 197, 131-135.	1.2	15
375	Symmetry, density of doping holes, and T <sub>c</sub> in superconducting thallium cuprates. Physical Review B, 1994, 49, 9906-9914.	3.2	15
376	Structural and physical properties of the new superconductor Hg <sub>0.5</sub> Pb <sub>0.5</sub> Sr <sub>4-x</sub> Ba <sub>x</sub> Cu <sub>2</sub> (CO <sub>3</sub> )O <sub>7</sub> ± $\frac{1}{2}$ . Physica C: Superconductivity and Its Applications, 1994, 231, 15-20.	1.2	15
377	Cationic substitution in mercury-based cuprates: generation of five superconductors. Journal of Materials Chemistry, 1995, 5, 701.	6.7	15
378	Single crystal study of the $\sqrt{2} \times \sqrt{2}$ superconductor Hg <sub>0.8</sub> Bi <sub>0.2</sub> Ba <sub>2</sub> CuO <sub>4</sub> ± $\frac{1}{2}$ . Physica C: Superconductivity and Its Applications, 1996, 265, 5-12.	1.2	15

#	ARTICLE	IF	CITATIONS
379	Magnetotransport in $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_8$ single crystals: From the underdoped to the overdoped regime. <i>Physical Review B</i> , 1999, 60, 12495-12501.	3.2	15
380	Coexistence of superconductivity and ferromagnetism in $1212\text{-Ru}_{1-x}\text{M}_x\text{Sr}_2\text{GdCu}_2\text{O}_8$ (M=Ti, V, Nb). <i>Solid State Sciences</i> , 2000, 2, 601-608.	0.7	15
381	The structural, magnetic and electrical properties of the hole-doped cobaltites $\text{La}_{0.7}(\text{Ca}_{1-x}\text{Ba}_x)_0.3\text{CoO}_3$ (x= 0.0, 0.5 and 1.0). <i>Journal of Physics Condensed Matter</i> , 2001, 13, 10911-10924.	1.8	15
382	Anomalous microwave conductivity due to collective transport in the pseudogap state of cuprate superconductors. <i>Physical Review B</i> , 2002, 65, .	3.2	15
383	Room temperature magnetoresistance in $\text{Ln}_{2/3}\text{A}_{1/3}\text{MnO}_3$ manganites. <i>Solid State Communications</i> , 2003, 127, 551-555.	1.9	15
384	$\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{0.97}\text{Ga}_{0.03}\text{O}_3$ , a strongly strained system due to the coexistence of two orbital ordered phases at low temperature. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1652-1660.	2.9	15
385	Pressure-Induced Structural Transition in $\text{LuFe}_2\text{O}_4$ : Towards a New Charge Ordered State. <i>Physical Review Letters</i> , 2010, 105, 237203.	7.8	15
386	Impact of short-range order on transport properties of the two-dimensional metal $\text{PdCrO}_2$ . <i>Physical Review B</i> , 2015, 92, .	2.2	15
387	The $\text{BiCu}_2\text{OS}$ oxysulfide: Copper deficiency and electronic properties. <i>Journal of Solid State Chemistry</i> , 2016, 237, 292-299.	2.9	15
388	Origin of Ising magnetism in $\text{Ca}_3\text{Co}_2\text{O}_6$ unveiled by orbital imaging. <i>Nature Communications</i> , 2019, 10, 5447.	12.8	15
389	Origin of the metal-insulator transition in the superconducting series $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_8$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 210, 350-358.	1.2	14
390	Valence states of post-transition cations (Hg and Bi) and of copper in single-layered superconducting mercury cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 242, 1-11.	1.2	14
391	Orientation of Nd and Mn magnetic moments in a CMR $\text{Nd}_{0.72}\text{Ba}_{0.28}\text{MnO}_3$ by X-ray magnetic circular dichroism. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 190, 307-317.	2.3	14
392	Induced ferromagnetism and colossal magnetoresistance by Ir-doping in $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ . <i>European Physical Journal B</i> , 2001, 24, 85-89.	1.5	14
393	Magnetic ground states in $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ (x=0.48-0.75). <i>Journal of Applied Physics</i> , 2001, 89, 7404-7406.	2.5	14
394	Orbital ordering induced by high impurity levels: Does long-range orbital ordering exist in manganites?. <i>Journal of Applied Physics</i> , 2002, 91, 4267-4270.	2.5	14
395	Magnetic and electronic ground states of B-site-substituted $\text{LaMnO}_3$ : from antiferromagnetism to ferromagnetism. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 280, 75-83.	2.3	14
396	Ferromagnetism and metallicity in the modulated $\text{Sr}_{1-x}\text{Th}_x\text{CoO}_{3-\delta}$ oxygen deficient perovskites with $x \approx 0.1$ . <i>Solid State Communications</i> , 2005, 134, 815-820.	1.9	14

#	ARTICLE	IF	CITATIONS
397	Thermoelectric [Sr <sub>2</sub> (Bi,Co) <sub>n</sub> ~2O <sub>n</sub> ]RS[CoO <sub>2</sub> ]1.8 layer cobaltites: The role of the intergrowth between the n=3 and n=4 terms. Journal of Applied Physics, 2005, 98, 013701.	2.5	14
398	Impact of niobium doping upon the magnetotransport properties of the oxygen-deficient perovskite SrCo <sub>1-x</sub> NbxO <sub>3-δ</sub> . Applied Physics Letters, 2005, 86, 192504.	3.3	14
399	Spin Glass to Weak Ferromagnetic Transformation in a New Layered Cobaltite: Consequence of Topotactic Reactions with Water at Room Temperature. Chemistry of Materials, 2005, 17, 6256-6262.	6.7	14
400	Spin-glass state induced by cobalt substitution in CaRuO <sub>3</sub> . Journal of Physics Condensed Matter, 2007, 19, 216212.	1.8	14
401	Oxygen Vacancy Ordering in the Double-layered Ruddlesden-Popper Cobaltite Sm <sub>2</sub> BaCo <sub>2</sub> O <sub>7</sub> . Chemistry of Materials, 2008, 20, 6231-6237.	6.7	14
402	Magnetodielectric coupling in Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> triangular Ising lattice. Journal of Magnetism and Magnetic Materials, 2009, 321, 1770-1772.	2.3	14
403	Quantum gapped spin excitations in the S=3/2 zigzag ladder compound $\text{CaCr}_2\text{O}_4$ . Physical Review B, 2011, 84, .	3.2	14
404	From spin induced ferroelectricity to spin and dipolar glass in a triangular lattice: The CuCr <sub>1-x</sub> V <sub>0.5</sub> O <sub>2</sub> (0 ≤ x ≤ 0.5) delafossite. Journal of Solid State Chemistry, 2013, 203, 37-43.	2.9	14
405	Spin dynamics in the unconventional multiferroic AgCrS <sub>2</sub> . Physical Review B, 2013, 87, .	3.2	14
406	Study of phase separation phenomena in half-doped manganites with isovalent substitution of rare-earth cations on example of Sm <sub>0.32</sub> Ca <sub>0.68</sub> MnO <sub>3</sub> . Physical Review B, 2019, 100, .	3.2	14
407	Role of isovalent substitution of strontium for barium in the superconducting properties of cuprates with thallium monolayers. Chemistry of Materials, 1993, 5, 571-575.	6.7	13
408	Magnetic study of an overdoped $\text{TiBa}_{0.8}\text{Sr}_{1.2}\text{Ca}_2\text{Cu}_3\text{O}_9$ single crystals. Physica C: Superconductivity and Its Applications, 1995, 244, 341-348.	1.2	13
409	Magnetic Properties of the Oxygen Deficient Perovskites La <sub>0.5</sub> Ba <sub>0.5</sub> Co <sub>1-x</sub> FexO <sub>3-δ</sub> . Journal of Solid State Chemistry, 1996, 121, 158-166.	2.9	13
410	The $\text{Bi}_{0.5}\text{Cd}_{0.3}\text{Sr}_2\text{Co}_{1.2}\text{O}_5$ : A new magnetoresistant spin glass like insulator. Solid State Communications, 1998, 105, 583-588.	1.9	13
411	Mn-site doping in colossal magnetoresistance manganites. Physica C: Superconductivity and Its Applications, 2000, 341-348, 711-714.	1.2	13
412	Anomalous magnetotransport in Pr <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>0.99</sub> Cr <sub>0.01</sub> O <sub>3</sub> . Applied Physics Letters, 2000, 77, 1517-1519.	3.3	13
413	Magnetization and magnetoresistive response of LiMn <sub>2</sub> O <sub>4</sub> near the charge ordering transition. Journal of Materials Chemistry, 2000, 10, 1921-1924.	6.7	13
414	Kondo-like effect in the double exchange ferromagnet La <sub>0.5-x</sub> CexSr <sub>0.5</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2001, 226-230, 777-779.	2.3	13



#	ARTICLE	IF	CITATIONS
415	Doping at the Mn site of the electron-doped manganite $\text{Ca}_{0.9}\text{Ce}_{0.1}\text{MnO}_3$ . <i>Journal of Physics Condensed Matter</i> , 2002, 14, 9039-9052.	1.8	13
416	Extension of the 1201-family to Strontium-Rich Chromite and Ferrite, $\text{Bi}_{0.4}\text{Sr}_{2.5}\text{Cr}_{1.1}\text{O}_{4.9}$ and $\text{Bi}_{0.4}\text{Sr}_{2.5}\text{Fe}_{1.1}\text{O}_5$ . <i>Journal of Solid State Chemistry</i> , 2002, 167, 48-58.	2.9	13
417	Metallicity in crystals of the quasi-one-dimensional rhodate $\text{Ba}_{1-x}\text{Bi}_x\text{MnO}_3$ . <i>Physical Review B</i> , 2009, 79, 114411.	3.2	13
418	Crystal structure and functional properties of $\text{Nd}_{1.6}\text{Ca}_{0.4}\text{Ni}_{1-y}\text{Cu}_y\text{O}_{4+\delta}$ as prospective cathode materials for intermediate temperature solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 17037-17050.	7.1	13
419	Anisotropic superconducting properties of a Tl-2223 single crystal studied by transport measurements. <i>Superconductor Science and Technology</i> , 1994, 7, 126-132.	3.5	12
420	The Superconducting Copper Oxochromate $\text{Tl}_3(\text{CrO}_4)\text{Sr}_8\text{Cu}_4\text{O}_{16}$ : Long-Range Ordering between Thallium and Chromium. <i>Chemistry of Materials</i> , 1996, 8, 865-873.	6.7	12
421	Competition between metal-semiconductor and charge ordering transitions in the CMR ceramic. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 159, L299-L303.	2.3	12
422	Recent Trends in the Research and Optimization of Electron Doped CMR Manganites. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 247-256.	0.5	12
423	Two New Sr-Rich Layered Manganites with a 1:1 Bi/Sr Ordering: $2201 \text{ Bi}_{0.4}\text{Sr}_{2.6}\text{MnO}_5$ and $2201 \text{ Bi}_{0.9}\text{Sr}_{3.1}\text{MnO}_6$ . <i>Journal of Solid State Chemistry</i> , 2000, 151, 210-219.	2.9	12
424	$(\text{Bi}_{0.4}\text{Sr}_{0.45}\text{Co}_{0.15})\text{Sr}_2\text{CoO}_5$ : a new 1201-type oxygen dependent series of cobaltites. <i>Solid State Sciences</i> , 2000, 2, 687-699.	0.7	12
425	Probing the underlying charge ordering: Ruthenium-doped $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ perovskite manganites. <i>Journal of Applied Physics</i> , 2001, 89, 2232-2236.	2.5	12
426	Two dimensional metallic conductivity in $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ antiferromagnets. <i>Journal of Applied Physics</i> , 2002, 91, 8275.	2.5	12
427	Strained Structure in $\text{Ho}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . <i>Journal of Solid State Chemistry</i> , 2002, 165, 65-73.	2.9	12
428	Effect of trivalent cation substitution for manganese upon ferromagnetism in $\text{Ln}_{0.57}\text{Ca}_{0.43}\text{MnO}_3$ ( $\text{Ln}=\text{Pr}, \text{Nd}$ ). <i>Solid State Communications</i> , 2004, 132, 487-492.	1.9	12
429	Neutron-diffraction study of magnetization avalanches in $\text{Pr}_{0.50}\text{Ca}_{0.50}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$ . <i>Journal of Applied Physics</i> , 2005, 97, 10H701.	2.5	12
430	$\text{Pb}_4\text{Sr}_{13}\text{Fe}_{24}\text{O}_{53}$ : an original terrace structure, related to $\text{Sr}_4\text{Pb}_x\text{Fe}_6\text{O}_{13}$ . <i>Solid State Sciences</i> , 2006, 8, 1294-1301.	3.2	12
431	Re-entrant metallicity and magnetoresistance induced by Ce for Sr substitution in $\text{SrCoO}_3$ . <i>Journal of Physics Condensed Matter</i> , 2006, 18, 4305-4314.	1.8	12
432	Metallicity and positive magnetoresistance induced by Pb substitution in a misfit cobaltate crystal. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 235404.	1.8	12

#	ARTICLE	IF	CITATIONS
433	Crystal growth, electronic structure, and properties of Ni-substituted FeGa. <i>Journal of Solid State Chemistry</i> , 2016, 236, 166-172.	2.9	12
434	Charge ordering and multiferroicity in Fe <sub>3</sub> BO <sub>5</sub> and Fe <sub>2</sub> MnBO <sub>5</sub> oxyborates. <i>Journal of Solid State Chemistry</i> , 2017, 246, 209-213.	2.9	12
435	La <sub>3</sub> Ba <sub>3</sub> Cu <sub>6</sub> O <sub>14+x</sub> : A single phase or a mixture?. <i>Physica Status Solidi A</i> , 1988, 107, 73-84.	1.7	11
436	How to optimize high-T <sub>c</sub> superconductive cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , 1992, 5, 203-217.	0.5	11
437	The 1201 superconductors Hg <sub>1-<math>\gamma</math></sub> (VO <sub>4</sub> ) <sub><math>\gamma</math></sub> (Ba, Sr) <sub>2</sub> CuO <sub>4+2<math>\gamma</math>+<math>\delta</math></sub> : evidence for VO <sub>4</sub> tetrahedra. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 277, 119-132.	1.2	11
438	Synthesis and Crystal Chemistry of a New Manganite Member Bi <sub>3.6</sub> Sr <sub>12.4</sub> Mn <sub>8</sub> O <sub>28+<math>\delta</math></sub> , n=2 of the [Bi <sub>2</sub> Sr <sub>2</sub> MnO <sub>6</sub> ] <sub>n</sub> [Sr <sub>8</sub> Mn <sub>6</sub> O <sub>16+<math>\delta</math></sub> ]-Related $\alpha$ -Tubular Family. <i>Journal of Solid State Chemistry</i> , 1998, 138, 278-289.	2.9	11
439	c-axis magnetoconductivity of anisotropic superconducting single crystals: The density-of-states fluctuation scenario. <i>Physical Review B</i> , 1999, 59, 7216-7221.	3.2	11
440	Phase Relations, Crystal Structure, and Electron Transport Properties of Phosphate Tungsten Bronzes (KxNy)(PO <sub>2</sub> ) <sub>4</sub> (WO <sub>3</sub> ) <sub>2m</sub> (m= 4, 6). <i>Chemistry of Materials</i> , 1999, 11, 2049-2056.	6.7	11
441	Enhancement of magnetoresistance in cobaltites by manganese substitution: the oxide La <sub>0.8</sub> Sr <sub>0.2</sub> Co <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> . <i>European Physical Journal B</i> , 2000, 13, 41-45.	1.5	11
442	Spectacular Increase of Resistivity by Thermal Cycling under a Magnetic Field in Pr <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>0.99</sub> Cr <sub>0.01</sub> O <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , 2001, 160, 1-3.	2.9	11
443	Pressure effects on the charge-ordering state in Sm <sub>0.2</sub> Ca <sub>0.8</sub> Mn <sub>1-<math>\alpha</math></sub> Ru $\alpha$ O <sub>3</sub> ( $\alpha$ =0,0.04). <i>Physical Review B</i> , 2001, 64, .	3.2	11
444	Rhodium doped manganites: Ferromagnetism and metallicity. <i>Journal of Applied Physics</i> , 2001, 90, 1297-1302.	2.5	11
445	A new form of oxygen deficient 1201-cobaltite (Ti <sub>0.4</sub> Sr <sub>0.5</sub> Co <sub>0.1</sub> )Sr <sub>2</sub> CoO <sub>5-<math>\delta</math></sub> : structure, transport and magnetic properties. <i>Journal of Materials Chemistry</i> , 2002, 12, 1009-1016.	6.7	11
446	Bi <sub>0.5</sub> Sr <sub>0.5-<math>\alpha</math></sub> CaxMnO <sub>3</sub> phase diagram: a discontinuous evolution. <i>Solid State Sciences</i> , 2002, 4, 917-921.	3.2	11
447	Magnetic properties of Ga-doped lanthanum manganite with controlled oxygen stoichiometry. <i>Crystal Engineering</i> , 2002, 5, 299-306.	0.7	11
448	Hydrostatic pressure effect on electrical and magnetic properties of electron-doped R <sub>0.16</sub> Ca <sub>0.84</sub> MnO <sub>3</sub> (R=Pr, Gd, Eu). <i>Physica B: Condensed Matter</i> , 2005, 365, 114-120.	2.7	11
449	Electrochemical oxidation and reduction of the La <sub>0.2</sub> Sr <sub>0.8</sub> CoO <sub>3-<math>\delta</math></sub> phases: Control of itinerant ferromagnetism and magnetoresistance. <i>Solid State Ionics</i> , 2006, 177, 815-820.	2.7	11
450	The Sr <sub>0.8</sub> Y <sub>0.2</sub> Co <sub>1-<math>\alpha</math></sub> FexO <sub>3-<math>\delta</math></sub> oxygen deficient perovskites: modulated structure, magnetic properties and magnetoresistance. <i>Solid State Sciences</i> , 2006, 8, 619-624.	3.2	11

#	ARTICLE	IF	CITATIONS
451	A vanadium oxy-phosphate $\text{Na}_4\text{VO}(\text{PO}_4)_2$ as cathode material for Na ion batteries. <i>Solid State Sciences</i> , 2017, 72, 124-129.	3.2	11
452	Lack of linear magnetoelectric effect in ferrimagnetic distorted honeycomb $\text{Ni}_4\text{Nb}_2\text{O}_9$ . <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	11
453	Evidence for individual vortex pinning in ceramic $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ . <i>Applied Physics Letters</i> , 1991, 58, 528-530.	3.3	10
454	Hole density as evidenced by XAS and critical temperature in the $\text{TlBa}_2\text{Ca}_{1-x}\text{Nd}_x\text{Cu}_2\text{O}_{7-\delta}$ series. <i>Journal of Solid State Chemistry</i> , 1992, 101, 237-248.	2.9	10
455	Structure and properties of $\text{Tl}_{0.5}\text{Pb}_{0.5}\text{Sr}_2\text{Gd}_{2-x}\text{Ce}_x\text{Cu}_2\text{O}_9$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 206, 81-89.	1.2	10
456	A New Cuprate with Mercury Bilayers: The "2222" Oxide $\text{Hg}_{2-x}\text{M}_x\text{Ba}_2\text{Pr}_2\text{Cu}_2\text{O}_{10-\delta}$ (M = Cu, Pr). <i>Journal of Solid State Chemistry</i> , 1995, 114, 230-235.	2.9	10
457	Stabilization of thallium strontium "1212" and "2212" superconducting cuprates by mercury. <i>Chemistry of Materials</i> , 1995, 7, 1207-1213.	6.7	10
458	A New Superconducting Oxycarbonitrate: $(\text{Tl}_{5/6}\text{Cr}_{1/6})\text{Sr}_4\text{Cu}_2(\text{CO}_3)_{1/2}(\text{NO}_3)_{1/2}\text{O}_7$ . <i>Chemistry of Materials</i> , 1997, 9, 2205-2211.	6.7	10
459	A Bismuth Manganite with the "2212" Structure: $\text{Bi}_2-x\text{Pb}_x\text{Sr}_{1.5}\text{Ca}_{1.5}\text{Mn}_2\text{O}_9$ . <i>Journal of Solid State Chemistry</i> , 1997, 132, 420-431.	2.9	10
460	Structure of new $\text{Hg}_{0.75}\text{V}_{0.25}\text{Ba}_2\text{CuO}_4$ superconducting single crystals.. <i>Physica C: Superconductivity and Its Applications</i> , 1998, 307, 128-136.	1.2	10
461	c-axis resistivity of $\text{Hg}-1201$ single crystals. <i>Journal of Applied Physics</i> , 1998, 84, 5080-5083.	2.5	10
462	Cobalt and nickel induced ferromagnetism and metallicity in $\text{Ca}_{1-x}\text{Sm}_x\text{MnO}_3$ : influence upon colossal magnetoresistive (CMR) properties. <i>Materials Research Bulletin</i> , 1999, 34, 345-354.	5.2	10
463	Electrical and magnetic properties of $\text{Ru}_{1-x}\text{M}_x\text{Sr}_2\text{GdCu}_2\text{O}_8$ (M $\rightarrow$ Ti, V and Nb). <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 481-482.	1.2	10
464	Instability of magnetism and conductivity in CMR manganites: role of Mn-site doping and thermal cycling. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 901-905.	4.0	10
465	From A-type antiferromagnetism to ferromagnetism in half-doped perovskite manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 270, 194-202.	2.3	10
466	Linear antiferromagnetism in $\text{Ba}_2\text{CoS}_3$ Electronic supplementary information (ESI) available: crystallographic data. See <a href="http://www.rsc.org/suppdata/cc/b4/b400084f/">http://www.rsc.org/suppdata/cc/b4/b400084f/</a> . <i>Chemical Communications</i> , 2004, , 836.	4.1	10
467	Transport and magnetic properties of $\text{Pr}_{1-x}\text{Ca}_x\text{CrO}_3$ ( $x = 0.0-0.5$ ): effect of $t_{2g}$ orbital degeneracy on the thermoelectric power. <i>European Physical Journal B</i> , 2006, 53, 5-9.	1.5	10
468	Electron-doped $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ perovskite manganites: Crystal and magnetic structures and physical properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2601-2606.	2.3	10

#	ARTICLE	IF	CITATIONS
469	Metal to insulator transition in then-type hollandite vanadate $\text{Pb}_{1.6}\text{V}_8\text{O}_{16}$ . <i>Physical Review B</i> , 2010, 82, .	3.2	10
470	The spin glass delafossite $\text{CuFe}_{0.5}\text{V}_{0.5}\text{O}_2$ : a dipolar glass?. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 126005.	1.8	10
471	Magnetic dilution and steric effects in the multiferroic delafossite $\text{CuCrO}_2$ . <i>Physical Review B</i> , 2012, 86, .	3.2	10
472	An active thermography approach for thermal and electrical characterization of thermoelectric materials. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 285601.	2.8	10
473	Magnetic phase diagram for $\text{Fe}_{3-x}\text{Mn}_x\text{BO}_5$ . <i>Physical Review B</i> , 2020, 101, .	3.2	10
474	Influence of A- and B-site substitutions on crystal structure and oxygen content in air-prepared $\text{Ba}_{1-x}\text{Pr}_x\text{Fe}_{1-x}\text{Co}_x\text{O}_{3-\delta}$ perovskites. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158438.	5.5	10
475	Single crystal study of the one dimensional $\text{Ca}_2\text{Mn}_2\text{O}_7$ . <i>European Physical Journal B</i> , 2000, 15, 657.	1.5	10
476	Influence of thermal treatment on $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 210, 164-172.	1.2	9
477	The 34 K superconductor $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_8\text{Cu}_4(\text{CO}_3)_3\text{O}_{12}$ . A new oxycarbonate, third member of the series $(\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{CuO}_6)(\text{Sr}_2\text{CuO}_2\text{CO}_3)_n$ . <i>Physica C: Superconductivity and Its Applications</i> , 1994, 232, 75-81.	1.2	9
478	Stabilization of new superconducting thallium cuprates and oxycarbonates by molybdenum. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 254, 33-43.	1.2	9
479	Superconducting oxycarbonates $\text{Hg}_{1-x}\text{V}_x\text{Sr}_4\text{Ba}_y\text{Cu}_2\text{O}_7\text{CO}_3$ : three closely related structural families. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 267, 1-9.	1.2	9
480	Comment on "Tetragonal to monoclinic transition in the metallic antiferromagnet $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ ". <i>Physical Review B</i> , 2000, 62, 6820-6821.	3.2	9
481	Valence State of Ru at the Mn Sites in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ : Thermoelectric Power and X-Ray Absorption Near-Edge Structure Spectroscopy. <i>Journal of Superconductivity and Novel Magnetism</i> , 2004, 17, 183-186.	0.5	9
482	Control of the magnetic ground state by A-site substitution in $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$ : Impact upon the multistep-like behavior of magnetization. <i>Journal of Applied Physics</i> , 2004, 95, 4245-4250.	2.5	9
483	Negative magnetoresistance in $\text{Ba}_2\text{CoS}_3$ . <i>Chemical Communications</i> , 2005, , 5077.	4.1	9
484	Pressure effect on the magnetic properties of electron-doped $\text{Sm}_{0.1}\text{Ca}_{0.9-x}\text{Sr}_x\text{MnO}_3$ ( $x=0\text{--}0.3$ ) manganites. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 9201-9214.	1.8	9
485	Enhancement of giant magnetoresistance effect in the Ruddlesden-Popper phase $\text{Sr}_3\text{Fe}_2\text{Co}_x\text{O}_7$ : predominant role of oxygen nonstoichiometry and magnetic phase separation. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2157-2171.	1.8	9
486	Correlation of structural, magnetic and transport properties with the tolerance factor in a low-doped $\text{La}_{0.875}\text{Sr}_{0.125-x}\text{Ca}_x\text{MnO}_3$ ( $0 \leq x \leq 0.125$ ) system: cross-over from Mott to Shklovskii-Efros variable range hopping conduction. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 266218.	1.8	9

#	ARTICLE	IF	CITATIONS
487	Sm <sub>0.45</sub> Sr <sub>0.55</sub> MnO <sub>3</sub> : crystal and magnetic structure studied by neutron powder diffraction. Journal of Physics Condensed Matter, 2008, 20, 104233.	1.8	9
488	Phase separation and magnetoresistivity in $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{Sr}_x\text{Mn}_{1-x}\text{O}_3$	3.2	9
489	The oxygen deficient cubic perovskite SrFe <sub>1-x</sub> Sc <sub>x</sub> O <sub>3</sub> (x=0.5; 0.1): Structural features and physical properties. Solid State Sciences, 2010, 12, 1661-1666.	3.2	9
490	Swedenborgite-type Cobaltites and Ferrites: Tetrahedral Frameworks with Exceptional Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1079-1087.	1.2	9
491	Magnetodielectric response of square-coordinated MnO <sub>2</sub> unit in cubic BiMn <sub>7</sub> O <sub>12</sub> . Applied Physics Letters, 2011, 98, 072903.	3.3	9
492	Tuning of dimensionless figure of merit via boundary scattering in In <sub>2</sub> O <sub>3</sub> . Journal of Applied Physics, 2011, 110, 124304.	2.5	9
493	Synthesis, crystal structure and electronic properties of the new iron selenide Ba <sub>9</sub> Fe <sub>4</sub> Se <sub>16</sub> . Journal of Solid State Chemistry, 2014, 211, 184-190.	2.9	9
494	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.	1.7	8
495	La <sub>2-x</sub> Pb <sub>x</sub> CuO <sub>4</sub> , a 15 K superconductor with a pseudotetragonal K <sub>2</sub> NiF <sub>4</sub> structure. Physica C: Superconductivity and Its Applications, 1992, 191, 333-338.	1.2	8
496	Lead substitution in the 30 K-superconductor Bi <sub>2</sub> Sr <sub>4-y</sub> Cu <sub>2</sub> CO <sub>3</sub> O <sub>8</sub> . Physica C: Superconductivity and Its Applications, 1993, 217, 27-33.	1.2	8
497	A Sr-rich 1223 cuprate, Tl <sub>1+x</sub> Ba <sub>23</sub> Sr <sub>43</sub> Ca <sub>2-x</sub> Cu <sub>3</sub> O <sub>9</sub> , with a T <sub>c</sub> of 110 K. Physica C: Superconductivity and Its Applications, 1993, 217, 106-112.	1.2	8
498	Copper oxycarbonates and mercury based cuprates: structural mechanisms of new superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 25-28.	1.2	8
499	Magnetic and transport properties of the 1201-phase Tl <sub>0.94</sub> Sr <sub>2</sub> Cu <sub>0.4</sub> Co <sub>0.6</sub> O <sub>5</sub> . Physical Review B, 1997, 56, 5504-5511.	3.2	8
500	Correlations between Micro- and Nanostructures and Magnetic Transitions in the Ru-Doped Sm <sub>0.2</sub> Ca <sub>0.8</sub> MnO <sub>3</sub> Manganites. Journal of Solid State Chemistry, 2000, 155, 15-21.	2.9	8
501	A Layered Oxycarbonate Involving Trivalent Chromium: Sr <sub>4</sub> FeCrO <sub>6</sub> CO <sub>3</sub> . Chemistry of Materials, 2001, 13, 2423-2429.	6.7	8
502	Ruthenium doping of the layered charge ordered manganites, La <sub>0.5</sub> Sr <sub>1.5</sub> MnO <sub>4</sub> and LaSr <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> . Solid State Communications, 2001, 120, 363-368.	1.9	8
503	Electron rich manganites Pr <sub>0.4</sub> A <sub>0.6</sub> MnO <sub>3</sub> : influence of A cations upon structure, magnetism and conductivity. Journal of Physics and Chemistry of Solids, 2001, 62, 1365-1374.	4.0	8
504	The oxycarbonates Sr <sub>4</sub> (Fe <sub>2-x</sub> Mn <sub>x</sub> ) <sub>1+y</sub> (CO <sub>3</sub> ) <sub>1-3y</sub> O <sub>6(1+y)</sub> : nano, micro and average structural approach. Journal of Solid State Chemistry, 2003, 170, 424-434.	2.9	8

#	ARTICLE	IF	CITATIONS
505	Effect of hydrostatic pressure on the metal-insulator transition temperature of Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> -based perovskites. <i>Physica B: Condensed Matter</i> , 2003, 325, 57-64.	2.7	8
506	A new layered cobaltite (Ga <sub>1/3</sub> Co <sub>2/3</sub> ) <sub>2</sub> Sr <sub>2</sub> CoO <sub>6</sub> + $\delta$ with high spin Co <sup>3+</sup> : modulated structure and physical properties. <i>Journal of Solid State Chemistry</i> , 2005, 178, 792-799.	2.9	8
507	The Sr <sub>2.75</sub> Ce <sub>0.25</sub> Co <sub>2</sub> O <sub>7</sub> + $\delta$ oxide, n=2 member of the Ruddlesden-Popper series: Structural and magnetic evolution depending on oxygen stoichiometry. <i>Journal of Solid State Chemistry</i> , 2008, 181, 1314-1320.	2.9	8
508	Magnetic study of CaMn <sub>0.96</sub> Mo <sub>0.04</sub> O <sub>3</sub> , canting vs. phase separation. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3938-3944.	2.3	8
509	Citrate gel process and thermoelectric properties of Ge-doped In <sub>2</sub> O <sub>3</sub> bulk ceramics. <i>Powder Technology</i> , 2011, 208, 503-508.	4.2	8
510	Fe <sub>2</sub> Co <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> : a magnetoelectric honeycomb antiferromagnet. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14236-14246.	5.5	8
511	Transport and Thermoelectric Coefficients of the Co <sub>9</sub> S <sub>8</sub> Metal: A Comparison with the Spin Polarized CoS <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2021, 125, 5386-5391.	3.1	8
512	High resolution electron microscopy study of the high T <sub>c</sub> superconductor Tl <sub>0.5</sub> Pb <sub>0.5</sub> Sr <sub>4</sub> Cu <sub>2</sub> CO <sub>3</sub> O <sub>7</sub> . <i>Microscopy Microanalysis Microstructures</i> , 1993, 4, 41-50.	0.4	8
513	Redox Thermochemistry, Thermodynamics, and Solar Energy Conversion and Storage Capability of Some Double Perovskite Cobaltites. <i>Inorganic Chemistry</i> , 2021, 60, 18141-18153.	4.0	8
514	Copper oxycarbonates and mercury-based cuprates: Promising high-T <sub>c</sub> superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 1994, 7, 9-18.	0.5	7
515	Synthesis and Characterization of Mercury-Based "1222" Cuprates (Hg <sub>1-x</sub> M <sub>x</sub> )(Sr,Ba) <sub>2</sub> Pr <sub>2</sub> Cu <sub>2</sub> O <sub>9</sub> + $\delta$ (M = Pr, Tl). <i>Journal of Applied Physics</i> , 2001, 89, 7843-7851.	2.9	7
516	Single-crystal study of the 55 K superconductor TlSr <sub>2</sub> CaCu <sub>2</sub> O <sub>7</sub> - $\delta$ . <i>Chemistry of Materials</i> , 1995, 7, 1414-1418.	6.7	7
517	Charge ordering-disordering in the Th-doped CaMnO. <i>European Physical Journal B</i> , 1999, 10, 397-408.	1.5	7
518	H-T magnetic phase diagrams of electron-doped Sm <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , 2001, 294-295, 119-123.	2.7	7
519	Magnetotransport properties in Hg-1201 single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 349, 189-195.	1.2	7
520	Nanostructural study of the charge ordering vs. x and T in the Cr doped Pr <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>1-x</sub> Cr <sub>x</sub> O <sub>3</sub> manganites. <i>Solid State Sciences</i> , 2001, 3, 391-406.	3.2	7
521	Electronic conductivity in 1D Co spin chain single crystal. <i>Physica B: Condensed Matter</i> , 2002, 320, 337-339.	2.7	7
522	First Series of Transition-Metal-Layered Oxycarbonates: Sr <sub>4</sub> Fe <sub>2-x</sub> M <sub>x</sub> O <sub>6</sub> CO <sub>3</sub> (M = Sc, Ni, Co). <i>Chemistry of Materials</i> , 2003, 15, 1273-1282.	6.7	7

#	ARTICLE	IF	CITATIONS
523	Dynamic effects in one-dimensional $A\text{B}_2\text{BO}_6$ . Journal of Magnetism and Magnetic Materials, 2005, 294, e123-e126.	2.3	7
524	Cobaltites: New materials with magnetoresistance properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 296-299.	3.5	7
525	The $\text{SrCo}_{1-y}\text{Mn}_y\text{O}_{3-x}$ oxygen deficient perovskite: Competition between ferro and antiferromagnetism. Journal of Magnetism and Magnetic Materials, 2006, 303, 197-203.	2.3	7
526	Metastable diamagnetism in the manganite $\text{Sm}_{0.1}\text{Ca}_{0.84}\text{Sr}_{0.06}\text{MnO}_3$ . Physical Review B, 2006, 74, .	3.2	7
527	Nanostructures in $\text{LuFe}_2\text{O}_4$ . Solid State Sciences, 2013, 23, 26-34.	3.2	7
528	Crystal and electronic structures of two new iron selenides: $\text{Ba}_4\text{Fe}_3\text{Se}_{10}$ and $\text{BaFe}_2\text{Se}_4$ . Journal of Solid State Chemistry, 2015, 230, 293-300.	2.9	7
529	Rare earth ferrites $\text{LuFe}_2\text{O}_{4-x}$ polymorphism, polytypism and metastable phases. Solid State Sciences, 2015, 48, A1-A16.	3.2	7
530	Polar space group and complex magnetism in $\text{Ni}_{1-x}(\text{HPO}_3)_8(\text{OH})_6$ : towards a new multiferroic material?. Solid State Sciences, 2015, 39, 92-96.	3.2	7
531	Advantage of low-temperature hydrothermal synthesis to grow stoichiometric crednerite crystals. Solid State Sciences, 2018, 80, 39-45.	3.2	7
532	$\text{Sr}_{2-x}\text{Fe}_{1+x}\text{Re}_x\text{O}_6$ double perovskites: magnetoresistance and (magneto)thermopower. Chemical Communications, 2019, 55, 5878-5881.	4.1	7
533	High temperature spin-driven multiferroicity in ludwigite chromocuprate $\text{Cu}_2\text{CrBO}_5$ . Applied Physics Letters, 2021, 118, 192903.	3.3	7
534	Signs of superparamagnetic cluster formation in $\text{Lu}_3\text{Fe}_3\text{O}_{10}$ perovskites evidenced by magnetization reversal and Monte Carlo simulations. Physical Review B, 2021, 103, .	3.2	7
535	The mercury-based $\text{HgBa}_2\text{La}_2\text{Cu}_2\text{O}_8$ : A 53K superconductor. Solid State Communications, 1994, 90, 37-40.	1.9	6
536	Systematic thermopower measurements of the thallium cuprates $\text{Tl}(\text{Ba},\text{Sr})_2\text{Cu}_m\text{O}_{2m+3}$ and $\text{Tl}_2\text{Ba}_2\text{Cu}_m\text{O}_{2m+4}$ . Physica C: Superconductivity and Its Applications, 1995, 250, 235-239.	1.2	6
537	A Novel Mixed Valent Chromium-Layered Oxide with Peculiar Magnetic Properties: $\text{Sr}_4.5\text{Cr}_2.5\text{O}_9$ . Journal of Solid State Chemistry, 2000, 154, 375-383.	2.9	6
538	Magnetoresistance Properties in Manganese and Cobalt Oxides. Journal of Superconductivity and Novel Magnetism, 2000, 13, 313-328.	0.5	6
539	Temperature dependence of infrared conductivity of manganites ( $x = 0, 0.05$ and $0.2$ ). European Physical Journal B, 2000, 14, 617-625.	1.5	6
540	Model of ground state in electron-doped $\text{Ca}_{1-x}\text{Sm}_x\text{MnO}_3$ ( $0 < x < 0.20$ ) manganites and ferromagnetic resonance probing of $\text{Ca}_{0.8}\text{Sm}_{0.2}\text{MnO}_3$ . Journal of Applied Physics, 2003, 93, 8077-8079.	2.5	6

#	ARTICLE	IF	CITATIONS
541	Crystal and magnetic structure of the $\text{Sm}_{0.45}\text{Sr}_{0.55}\text{MnO}_3$ manganite studied by neutron powder diffraction. <i>Crystallography Reports</i> , 2005, 50, 185-190.	0.6	6
542	Characterization and electronic structure calculations of the antiferromagnetic insulator $\text{Ca}_3\text{FeRhO}_6$ . <i>Physical Review B</i> , 2007, 75, .	3.2	6
543	Effect of oxygen isotope substitution on charge ordering and magnetic and transport properties in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ doped by chromium and ruthenium. <i>Physical Review B</i> , 2008, 78, .	3.2	6
544	Complex magnetic order in quasi-one-dimensional compound $\text{Ca}_3\text{Co}_2\text{O}_6$ . <i>Physica B: Condensed Matter</i> , 2009, 404, 603-606.	2.7	6
545	Substitution effect of manganese for iron in $\text{YBaFe}_4\text{O}_7$ ferrite: structure, magnetism and oxygen hyperstoichiometry. <i>Journal of Materials Chemistry</i> , 2012, 22, 18923.	6.7	6
546	Co-substitution at the Mn-site in $\text{YMnO}_3$ : Structural stability and physical properties. <i>Materials Research Bulletin</i> , 2012, 47, 974-979.	5.2	6
547	$\text{Bi}_{0.75}\text{Sr}_{0.25}\text{FeO}_3$ : Revealing order/disorder phenomena by combining diffraction techniques. <i>Solid State Communications</i> , 2012, 152, 331-336.	1.9	6
548	Pressure effect on the magnetic order of $\text{LuFe}_2\text{O}_4$ . <i>Applied Physics Letters</i> , 2013, 103, 082907.	3.3	6
549	Alternative Calorimetry Based on the Photothermoelectric (PTE) Effect: Application to Magnetic Nanofluids. <i>International Journal of Thermophysics</i> , 2015, 36, 2441-2451.	2.1	6
550	Mechanochemical synthesis of iodine-substituted $\text{BiCuOS}$ . <i>Journal of Solid State Chemistry</i> , 2018, 263, 157-163.	2.9	6
551	Impact of the iron substitution on the thermoelectric properties of $\text{Co}_{1-x}\text{Fe}_x\text{S}_2$ ( $0 \leq x \leq 0.30$ ). <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180337.	4.4	6
552	Defect structure and redox energetics of $\text{NdBaCo}_2\text{O}_6$ . <i>Solid State Ionics</i> , 2021, 361, 115549.	2.7	6
553	Automatic hysteresis loop measurements during heavy-ion irradiation of ferromagnetic metallic glasses. <i>Electronics Letters</i> , 1988, 24, 297.	1.0	6
554	Thermoelectric properties, metal-insulator transition, and magnetism: Revisiting the $\text{Nix}_{1-x}\text{S}$ system. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180337.	4.4	6
555	Structural study and evaluation of thermoelectric properties of single-phase isocubanite ( $\text{CuFe}_2\text{S}_3$ ) synthesized via an ultra-fast efficient microwave radiation technique. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5804-5813.	4.9	6
556	$\text{FeWO}_4$ Single Crystals: Structure, Oxidation States, and Magnetic and Transport Properties. <i>Chemistry of Materials</i> , 2022, 34, 789-797.	6.7	6
557	Thermoelectric materials developments: past, present, and future. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 998-999.	6.1	6
558	Giant negative magnetoresistance in the spin glass insulator $\text{Tl}_{0.94}\text{Sr}_2\text{Cu}_{0.4}\text{Co}_{0.6}\text{O}_5$ . <i>Solid State Communications</i> , 1997, 102, 551-554.	1.9	5



#	ARTICLE	IF	CITATIONS
559	Local ordering of the chromate groups in the $\text{Th}_2\text{CuO}_6$ superconductor $\text{Th}_{0.9}(\text{CrO}_4)_{0.2}\text{Sr}_2\text{Ca}_{0.9}\text{Cu}_2\text{O}_{6.2}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1998, 296, 195-204.	1.2	5
560	Studies on Magnetic Properties of $\text{MnTi}_{1-x}\text{Nb}_x\text{O}_3$ System. <i>Journal of Solid State Chemistry</i> , 1998, 136, 115-119.	2.9	5
561	Characterization of New Lead-Based Monophosphate Tungsten Bronzes, $\text{Pb}_x(\text{PO}_2)_4(\text{WO}_3)_2\text{m}$ ( $6 \leq m \leq 10$ ). <i>Journal of Solid State Chemistry</i> , 1998, 139, 362-372.	2.9	5
562	Magneto-resistance of $\text{TbCu}_3\text{Mn}_4\text{O}_{12}$ and $\text{Ca}(\text{Cu}_{1.5}\text{Mn}_{1.5})\text{Mn}_4\text{O}_{12}$ Ferrimagnets with Perovskite Structure. <i>Physica Status Solidi A</i> , 1998, 169, R1-R2.	1.7	5
563	Structural refinement effect on the magnetoresistive properties of annealed melt spun Cu-Co-(Fe-Si) ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 195, 428-436.	2.3	5
564	Order-Disorder Phenomena in the Perovskite-Related Oxyborocarbonates $\text{SrMn}_{1-y}(\text{B}, \text{C})\text{O}_3$ . <i>Journal of Solid State Chemistry</i> , 2000, 149, 226-235.	2.9	5
565	Negative in-plane and out-of-plane magnetoresistivities in an optimally doped $\text{Bi}_2\text{Sr}_2\text{Ca}_{0.8}\text{Y}_{0.2}\text{Cu}_2\text{O}_8$ single crystal. <i>Physical Review B</i> , 2000, 62, 5378-5381.	3.2	5
566	Magneto-resistive properties of $\text{Pr}_{0.65}\text{Ca}_{0.21}\text{Sr}_{0.14}\text{MnO}_3$ ferromagnets: Evidence of phase separation. <i>Journal of Applied Physics</i> , 2002, 91, 7727.	2.5	5
567	HOPPING CONDUCTIVITY IN ONE-DIMENSIONAL $\text{Ca}_3\text{Co}_2\text{O}_6$ SINGLE CRYSTAL. <i>International Journal of Modern Physics B</i> , 2002, 16, 3289-3292.	2.0	5
568	Electron magnetic resonance and pressure studies of $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ceramics. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 254-255, 589-591.	2.3	5
569	Electronic noise in magnetic low-dimensional materials and nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 258-259, 119-124.	2.3	5
570	Charge ordering and phonon anomalies in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 104, 131-136.	3.5	5
571	Relationship between the onset of ferromagnetism and the training effect in CMR perovskite manganites. <i>Journal of Physics Condensed Matter</i> , 2004, 16, L101-L107.	1.8	5
572	Electronic and magnetic ordering induced by Mo- and Ru doping of the Mn site in $\text{CaMnO}_3$ perovskite: EMR probing. <i>Journal of Applied Physics</i> , 2005, 97, 10H704.	2.5	5
573	Infrared observation of the Hund's mechanism in an electron-doped manganite. <i>Physical Review B</i> , 2006, 73, .	3.2	5
574	Phase separation and sharp magnetization steps in polycrystalline $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ . <i>Solid State Communications</i> , 2007, 144, 78-82.	1.9	5
575	Ferromagnetism and high magnetic moments induced by Ba substitution for Ca in charge ordered $\text{Nd}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Materials Letters</i> , 2007, 61, 617-620.	2.6	5
576	Pressure effect on magnetism in phase-separated Cr-doped $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e636-e639.	2.3	5

#	ARTICLE	IF	CITATIONS
577	Magnetic properties of electron doped $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{Ba}_y\text{MnO}_3$ ( $y=0.02, 0.06$ ) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. <i>Journal of Applied Physics</i> , 2008, 104, 043921.	2.5	5
578	A Mössbauer spectroscopy investigation of $\text{SrFe}_{1-x}\text{Sc}_x\text{O}_3$ perovskites. <i>Solid State Sciences</i> , 2010, 12, 739-744.	3.2	5
579	The ability of RP-type cobaltites to accommodate carbonate groups: A new layered oxide $\text{Sr}_4\text{Co}_2(\text{CO}_3)_5\text{O}_{86}$ . <i>Journal of Solid State Chemistry</i> , 2011, 184, 1655-1660.	2.9	5
580	Structural, magnetic and transport properties of 2D structured perovskite oxychalcogenides. <i>Solid State Sciences</i> , 2014, 36, 94-100.	3.2	5
581	Fast synthesis of $\text{SrFe}_{12}\text{O}_{19}$ hexaferrite in a single-mode microwave cavity. <i>Ceramics International</i> , 2017, 43, 4229-4234.	4.8	5
582	The electrochemical storage mechanism in oxy-hydroxyfluorinated anatase for sodium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1100-1106.	6.0	5
583	Structural and magnetic characterization of barbosalite $\text{Fe}_3(\text{PO}_4)_2(\text{OH})_2$ . <i>Journal of Solid State Chemistry</i> , 2020, 287, 121357.	2.9	5
584	$\text{Sb}_2\text{Te}_3$ /graphite nanocomposite: A comprehensive study of thermal conductivity. <i>Journal of Materiomics</i> , 2021, 7, 545-555.	5.7	5
585	Title is missing!. <i>European Physical Journal B</i> , 2002, 25, 423-429.	1.5	5
586	Superconductivity of the oxycarbonate $\text{Tl}_{0.5}\text{Pb}_{0.5}\text{Sr}_4\text{Cu}_2\text{CO}_3\text{O}_7$ : A magnetic study. <i>Physical Review B</i> , 1994, 50, 4125-4130.	3.2	4
587	A New "1201" Mercury-Based Cuprate with HgCe Mixed Layers: The Oxide $\text{Hg}_{0.4}\text{Ce}_{0.5}\text{Cu}_{0.1}\text{Sr}_{2-x}\text{La}_x\text{CuO}_4$ . <i>Journal of Solid State Chemistry</i> , 1995, 116, 347-354.	2.9	4
588	Evidence for 2D-3D magnetic ordering of Gd in high-Tc-related $\text{CaGdCuO}_3\text{Cl}$ and $\text{Ca}_4\text{R}_2\text{Cu}_3\text{O}_8\text{Cl}_4$ (R=Gd,Sm). <i>Physical Review B</i> , 1996, 54, 12576-12581.	3.2	4
589	Modulated ordering of bismuth and strontium in the "1201" cuprate. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 271, 111-121.	1.2	4
590	A Cr-substituted "1201" superconductor: $\text{Tl}_{0.8}(\text{CrO}_4)_{0.2}\text{Ba}_2\text{CuO}_{4.2}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1997, 292, 32-38.	1.2	4
591	Structural and magnetic properties of magnetoresistive $\text{Cu}_{1-x}\text{Co}_x\text{Fe}$ ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 467-469.	2.3	4
592	Electron paramagnetic resonance of cerium and alkali-doped manganites: a tool for fast characterization within a combinatorial chemistry approach. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 77, 11-14.	3.5	4
593	Magnetization steps near the irreversibility line in a mercury-based superconducting cuprate. <i>Physical Review B</i> , 2000, 61, 3610-3615.	3.2	4
594	A magnetic study of magnetoresistive $\text{Cu}_{1-x}(\text{SmCo}_5)_x\text{Fe}$ heterogranular alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 234, 95-99.	2.3	4

#	ARTICLE	IF	CITATIONS
595	Pinning properties in (Hg <sub>0.8</sub> Cu <sub>0.2</sub> )Ba <sub>2</sub> CuO <sub>4</sub> single crystals: relaxation and irradiation studies. Superconductor Science and Technology, 2001, 14, 659-662.	3.5	4
596	Phase stability and properties of the hole doped perovskite cobaltites (La <sub>1-x</sub> R <sub>x</sub> ) <sub>0.7</sub> Ba <sub>0.3</sub> CoO <sub>3</sub> (0 ≤ x ≤ 1.0; R=Pr, Nd). Solid State Communications, 2002, 121, 537-542.	1.9	4
597	Polarized infrared reflectivity study of an oriented ceramic of Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> + δ (Bi-2223). European Physical Journal B, 2002, 25, 423-429.	1.5	4
598	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.	3.5	4
599	Anomalous thermal properties and local lattice effects in low doped manganites La <sub>0.875</sub> Ca <sub>0.125</sub> MnO <sub>3</sub> and La <sub>0.875</sub> Ca <sub>0.0625</sub> Sr <sub>0.0625</sub> MnO <sub>3</sub> . Journal Physics D: Applied Physics, 2007, 40, 3728-3732.	2.8	4
600	The Oxide Ba <sub>6</sub> Ga <sub>2</sub> Co <sub>11</sub> O <sub>26</sub> : A New Close-Packed Stacking Derived from the Hexagonal Perovskite. Chemistry of Materials, 2007, 19, 2658-2662.	6.7	4
601	Increase in magnetoresistivity in Ba <sub>2</sub> CoS <sub>3</sub> via Zn <sup>2+</sup> /Co <sup>2+</sup> substitution. Chemical Communications, 2009, 2214.	4.1	4
602	Correlation of phase diagrams and spontaneous magnetization jumps in low-bandwidth manganites. Journal of Physics: Conference Series, 2009, 150, 042081.	0.4	4
603	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.	4.0	4
604	The new cerium-rich intermetallic phase Ce <sub>13</sub> Ru <sub>2</sub> Sn <sub>5</sub> : Crystal structure and physical properties. Journal of Alloys and Compounds, 2015, 622, 745-750.	5.5	4
605	Topochemical Approach for Transition-Metal Exchange Assisted by Copper Extrusion: from Cu <sub>2</sub> FeBO <sub>5</sub> to Fe <sub>3</sub> BO <sub>5</sub> . Inorganic Chemistry, 2017, 56, 2375-2378.	4.0	4
606	Revisiting Hollandites: Channels Filling by Main-Group Elements Together with Transition Metals in Bi <sub>2</sub> Y <sub>8</sub> O <sub>16</sub> . Chemistry of Materials, 2017, 29, 5558-5565.	6.7	4
607	Magnetoelectric coupling in ceramic of the Zn-doped CaBaCo <sub>4</sub> O <sub>7</sub> pyroelectric ferrimagnet. Ceramics International, 2017, 43, 208-211.	4.8	4
608	Spin-Induced Multiferroic Behavior in Centrosymmetric Mn <sub>3</sub> WO <sub>6</sub> . Chemistry of Materials, 2020, 32, 5664-5669.	6.7	4
609	Original Network of Zigzag Chains in the $\hat{\Gamma}^2$ Polymorph of Fe <sub>2</sub> WO <sub>6</sub> : Crystal Structure and Magnetic Ordering. Inorganic Chemistry, 2020, 59, 9798-9806.	4.0	4
610	Defect chemistry and high-temperature thermodynamics of PrBaCo <sub>2</sub> O <sub>6</sub> -δ. Journal of Chemical Thermodynamics, 2021, 161, 106523.	2.0	4
611	Gd <sub>2</sub> O <sub>3</sub> -SrO-Fe <sub>2</sub> O <sub>3</sub> system: The phase diagram and oxygen content in oxides. Materials Today Communications, 2021, 29, 102885.	1.9	4
612	Redox mechanisms and superconductivity in thallium and lead cuprates. Physica C: Superconductivity and Its Applications, 1991, 190, 1-5.	1.2	3

#	ARTICLE	IF	CITATIONS
613	Substitution of lead for bismuth in the 2201-type oxide $\text{Bi}_2\text{BaLaCuO}_6+\hat{\Gamma}$ . Journal of Physics and Chemistry of Solids, 1993, 54, 65-71.	4.0	3
614	Influence of the size of alkaline earth cations on the structural distortion and transport properties of the semiconducting 1212-type cuprates $\text{TlBa}_2\hat{\Gamma}\text{xSr}_x\text{LnCu}_2\text{O}_7$ . Journal of Physics and Chemistry of Solids, 1993, 54, 145-152.	4.0	3
615	The behavior of lead and gallium in layered cuprates. Physica C: Superconductivity and Its Applications, 1993, 211, 209-216.	1.2	3
616	Mercury and thallium based superconducting oxycarbonates. Physica C: Superconductivity and Its Applications, 1994, 235-240, 537-538.	1.2	3
617	Cationic Substitutions in the "2201-1201" Intergrowth $\text{HgTl}_2\text{Ba}_4\text{Cu}_2\text{O}_{10}$ . Chemistry of Materials, 1994, 6, 1654-1658.	6.7	3
618	Copper oxycarbonates with layered structures, a new class of high $T_c$ superconductors. Microscopy Research and Technique, 1995, 30, 138-154.	2.2	3
619	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.	1.4	3
620	Fluctuation effects on the magnetization above and below the superconducting transition in $\text{Tl}_2\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1539-1540.	1.2	3
621	Images of interlayer Josephson vortices in single-layer cuprates. Physica C: Superconductivity and Its Applications, 2000, 341-348, 977-980.	1.2	3
622	Structure and superconductivity of Hg based cuprates: (Hg, Cu)-1201 single crystals and the new $\text{Hg}_{0.65}\text{Re}_{0.35}\text{Sr}_4\text{Cu}_2\text{CO}_3\text{O}_7$ oxycarbonate. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1817-1820.	1.2	3
623	Synthesis, structural approach and electronic properties of $\text{V}_2\text{O}_5$ , $(\text{N}_2\text{C}_6\text{H}_{14})_6$ : a new organically templated vanadium oxide exhibiting $\text{V}_2\text{O}_5$ layer topology. Solid State Sciences, 2002, 4, 285-288.	3.2	3
624	Ga and Ba substitution in charge ordered $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ : exceptional predisposition of the $x=0.43$ compound to ferromagnetism. Journal of Physics Condensed Matter, 2004, 16, 2861-2868.	1.8	3
625	Coexistence of ferromagnetism and antiferromagnetism in the $\text{La}_{0.08}\text{Ca}_{1.92}\text{MnO}_4$ series. Journal of Magnetism and Magnetic Materials, 2004, 284, 172-180.	2.3	3
626	Investigation of granular $\text{Cu}_{80}(\text{Sm}_{0.17}\text{Co}_{0.83})_{10}\text{Fe}_{10}$ ribbons with magnetoresistive properties. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1714-1715.	2.3	3
627	Electron magnetic resonance (EMR) study of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ perovskites: an inhomogeneous ground state induced by Ru-doping. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1627-E1629.	2.3	3
628	Valence State of Ru at the Mn sites in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . Physica Scripta, 2005, , 498.	2.5	3
629	Nuclear magnetic resonance study of insulator-metal transitions in $(\text{Pr,Ca})\text{MnO}_3$ . Physical Review B, 2005, 71, .	3.2	3
630	Thermoelectric properties in the misfit-layered-cobalt oxides $[\text{Bi}_{1-x}\text{A}_x\text{O}]_2[\text{CoO}]_2$ ( $\text{A}=\text{Ca, Sr, Ba}$ ) Tj ETQq0 0 0 rgBT /Overlock 30 Tf 50 57		

#	ARTICLE	IF	CITATIONS
631	Mixed cobalt-nickel layered oxides and oxyhydroxides of n = 2 members of the Ruddlesden-Popper family $\text{Sr}_{2.5}\text{La}_{0.5}\text{Co}_{1.3}\text{Ni}_{0.7}(\text{O},\text{OH})_{7+y}$ . <i>Journal of Materials Chemistry</i> , 2007, 17, 2818-2823.	6.7	3
632	Crystal and magnetic structures and physical properties of the $\text{Sm}_{0.37}\text{Sr}_{0.63}\text{MnO}_3$ manganite. <i>Physics of the Solid State</i> , 2008, 50, 275-282.	0.6	3
633	Structure and Electronic Properties of the Quasi-One-Dimensional $\text{Ba}_2\text{Co}_1\text{Zn}_3\text{S}_3$ Series. <i>Inorganic Chemistry</i> , 2017, 56, 213-223.	4.0	3
634	Two new magnetic hollandites $\text{A}_{1.5}\text{Ru}_{6.1}\text{Cr}_{1.9}\text{O}_{16}$ (A =) $\text{TjETgOgOgBT/Overlo}$	5.9	8
635	Conductivity and stability of ceramic $\text{Sr}_{1-x}\text{Y}_x\text{FeO}_{3-\delta}$ solid solutions. <i>Ceramics International</i> , 2020, 46, 24718-24722.	4.8	3
636	Phase equilibria and stability of intermediate phases in the $\text{Sm}_2\text{O}_3\text{-BaO-Fe}_2\text{O}_3$ system. <i>Journal of the American Ceramic Society</i> , 2021, 104, 2410-2417.	3.8	3
637	Defect structure and thermochemistry of $\text{YBaCo}_2\text{O}_6$ . <i>Thermochimica Acta</i> , 2021, 698, 178886.	2.7	3
638	High energy heavy-ion irradiation effects in Metglas 2 705 MN Co 72Fe6Mo2Si5B15. <i>Revue De Physique Appliquée</i> , 1988, 23, 873-878.	0.4	3
639	Improvement of thermoelectric performance in $\text{Sb}_{2\text{Te}}$ composites. <i>Physical Review Materials</i> , 2022, 6, .		
640	Fishtails and fluctuations in single crystals of Tl-based compounds. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 2827-2828.	1.2	2
641	Superconductivity up to 95 K in mercury-substituted 1212 thallium cuprates $(\text{Tl,Hg})_{1,\text{Sr}2 + \text{yNd}1}\text{Cu}_2\text{O}_7$ . <i>Journal of Materials Chemistry</i> , 1994, 4, 1353-1355.	6.7	2
642	Magnetic ordering in pyrochlore $\text{Ho}_2\text{Mn}_2\text{O}_7$ . <i>Journal of Applied Physics</i> , 1996, 79, 6173.	2.5	2
643	Lock-in transition in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ observed through 10GHz dissipation. <i>European Physical Journal D</i> , 1996, 46, 1593-1594.	0.4	2
644	Non-Conventional Infrared Conductivity of $\text{La}_2\text{CuO}_4$ .06 and $\text{Pr}_{0.7}\text{Sr}_{0.2}\text{Ca}_{0.1}\text{MnO}_3$ . <i>International Journal of Modern Physics B</i> , 1998, 12, 3393-3396.	2.0	2
645	A valence band photoemission study of a Tl-2212 superconducting single crystal. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 101-103, 701-705.	1.7	2
646	The Fourth Member of the Tubular Family $[\text{Bi}_2\text{Sr}_2\text{CoO}_6]_n[\text{Sr}_8\text{Co}_6\text{O}_{16}]_n$ : $\text{Bi}_{5.8}\text{Sr}_{15.2}\text{Co}_{10}\text{O}_{40}$ . <i>Chemistry of Materials</i> , 1999, 11, 3539-3544.	6.7	2
647	New Tl/Hg-2212 and -2223 superconducting crystals: growth, structures and superconductivity. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 336, 143-150.	1.2	2
648	Magnetic-history-dependent nanostructural and resistivity changes in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{0.98}\text{Cr}_{0.02}\text{O}_3$ . <i>Applied Physics Letters</i> , 2000, 77, 3254-3256.	3.3	2

#	ARTICLE	IF	CITATIONS
649	Pressure effect on transport properties of electron-doped $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ manganites. <i>Journal of Applied Physics</i> , 2002, 91, 7409.	2.5	2
650	Valence State of Ru at the Mn Sites in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . <i>International Journal of Modern Physics B</i> , 2003, 17, 3745-3748.	2.0	2
651	Magnetoresistive behavior of Cr-doped manganites $\text{Pr}_{0.44}\text{Sr}_{0.56}\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2003, 93, 8083-8085.	2.5	2
652	Pressure-induced suppression of ferromagnetic phase and conduction in $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 898-901.	2.3	2
653	Cobaltites as perspective thermoelectrics. <i>Materials Research Society Symposia Proceedings</i> , 2005, 886, 1.	0.1	2
654	Ru doping of the Mn site in $\text{La}_{0.4}\text{Ca}_{0.6}\text{MnO}_3$ perovskite: Electron magnetic resonance study of electronic and magnetic ordering. <i>Journal of Applied Physics</i> , 2006, 99, 08Q304.	2.5	2
655	Electron Magnetic Resonance, Neutron Diffraction and ac Susceptibility Study of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ (x) Tj ETQq1 1.0.784314 rgBT / 1.8 2		
656	Oxygen Isotope Effect in Cr- and Ru-Doped $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ Manganites. <i>Solid State Phenomena</i> , 2009, 152-153, 127-130.	0.3	2
657	$\text{Sr}_7\text{Co}_4(\text{CO}_3)_{13}$ ( $\hat{\nu} = 1.64$ ), An Original Cobaltite Derivative of the Ruddlesden-Popper Series. <i>Inorganic Chemistry</i> , 2013, 52, 4977-4984.	4.0	2
658	Robustness of Antiferromagnetism and Pyroelectricity in $\text{AgCr}_2\text{RhS}_2$ . <i>Chemistry of Materials</i> , 2016, 28, 1816-1822.	6.7	2
659	Coupled dielectric permittivity and magnetic susceptibility in the insulating antiferromagnet $\text{Ba}_2\text{FeSbSe}_5$ . <i>Applied Physics Letters</i> , 2018, 112, 202903.	3.3	2
660	$\text{CuFe}_2\text{S}_3$ as electrode material for Li-ion batteries. <i>RSC Advances</i> , 2018, 8, 26691-26695.	3.6	2
661	$\text{Mn}_2\text{TeO}_6$ : Complex antiferromagnetism as a consequence of the Jahn-Teller distortion. <i>Physical Review B</i> , 2019, 100, .	3.2	2
662	Phase equilibria and oxygen content of intermediate phases in the $\text{Sm}_2\text{O}_3\text{-SrO-Fe}_2\text{O}_3$ system. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4199-4205.	5.7	2
663	Synthèse et caractérisation de céramiques $\text{YBaCuO}$ fortement texturées. <i>Journal De Physique III</i> , 1992, 2, 225-238.	0.3	2
664	Phase equilibria in the $\text{Nd}_2\text{O}_3\text{-BaO-Fe}_2\text{O}_3$ system. Crystal structure, oxygen content and properties of intermediate oxides. <i>Journal of the American Ceramic Society</i> , 0, , .	3.8	2
665	Interplay between magnetism and transport in the $\text{CuCr}_{1-x}\text{Ti}_{1+x}\text{S}_4$ thiospinel: evidence for a strong asymmetry between p- and n-type transport. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	1.2	2
666	Single crystal study of the $\text{BaSr}_{1212}$ superconductor $\text{Tl}_{1+x}\text{BaSrCa}_{1-x}\text{Cu}_2\text{O}_7$ . <i>Acta Crystallographica Section B: Structural Science</i> , 1995, 51, 18-22.	1.8	1

#	ARTICLE	IF	CITATIONS
667	Evidence of new layered cuprates in the HgA <sub>2</sub> GdCuO system (A = Ba, Sr). Journal of Materials Chemistry, 1996, 6, 1549-1556.	6.7	1
668	Introduction of lanthanide on the mercury site of the HgBa <sub>2</sub> CuO <sub>4</sub> superconductor. Materials Research Bulletin, 1996, 31, 657-663.	5.2	1
669	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.	2.9	1
670	Superconducting properties of mercury cuprates single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 927-928.	1.2	1
671	A New Structure Related to the Layered Cuprates: The $\alpha$ -Shear-like Phase Tl <sub>5</sub> Ba <sub>3</sub> Sr <sub>5</sub> Cu <sub>3</sub> O <sub>19</sub> , Third Member of the Series (TlA <sub>2</sub> CuO <sub>5</sub> ) <sub>m</sub> ·Tl <sub>2</sub> A <sub>2</sub> O <sub>4</sub> . Journal of Solid State Chemistry, 1997, 128, 150-155.	2.9	1
672	L'oxychromate Tl <sub>3</sub> (CrO <sub>4</sub> )Sr <sub>8</sub> Cu <sub>4</sub> O <sub>16</sub> : phases d'ordre entre le thallium et le chrome. EPJ Applied Physics, 1998, 1, 285-288.	0.7	1
673	Temperature dependence of the muon spin relaxation in Pr <sub>1/2</sub> Sr <sub>1/2</sub> MnO <sub>3</sub> . Physica B: Condensed Matter, 1999, 259-261, 824-825.	2.7	1
674	Cobalt oxides as potential thermoelectric elements: The influence of the dimensionality. , 0, , .		1
675	A New Thermoelectric Misfit Cobaltite: [Sr <sub>2</sub> CoO <sub>3</sub> ][CoO <sub>2</sub> ] <sub>1.8</sub> . ChemInform, 2004, 35, no.	0.0	1
676	The nanoscopic separation of magnetic phases in Cr-doped manganites Pr <sub>0.44</sub> Sr <sub>0.56</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1085-E1086.	2.3	1
677	Electronic transport in one-dimensional Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> single crystal. Microelectronics Journal, 2005, 36, 900-906.	2.0	1
678	Incommensurate spin density wave state in layered cobaltites. Physica B: Condensed Matter, 2006, 374-375, 282-285.	2.7	1
679	Thermoelectric Power in Ruthenates : Dominant Role of the Spin Degeneracy Term. Materials Research Society Symposia Proceedings, 2006, 988, 1.	0.1	1
680	Oxygen isotope effect in chromium-doped Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> manganites. Journal of Experimental and Theoretical Physics, 2007, 105, 112-115.	0.9	1
681	Correlation between phase diagrams and spontaneous magnetization jumps in narrow-band manganites. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 1061-1062.	0.6	1
682	Negative magnetoresistance in a V <sup>3+</sup> /V <sup>4+</sup> mixed valent vanadate. Applied Physics Letters, 2010, 96, 232502.	3.3	1
683	Stability of the Sr <sub>2</sub> B <sub>3</sub> O <sub>6.5</sub> Phases (B = Fe, Co, Ga): Existence Range, Structural and Physical Properties. Chemistry of Materials, 2011, 23, 2786-2794.	6.7	1
684	Thermoelectrics (TE) used as detectors of radiation: an alternative calorimetry based on the photothermoelectric (PTE) effect. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
685	Suppression of superconductivity and resistivity anomaly in $Rh_{17}S_{15}$ by cobalt substitution. Journal of Physics Condensed Matter, 2017, 29, 075604.	1.8	1
686	Cation order imaging and magnetic properties in the $Ca_2Fe_2GaO_5$ brownmillerite ( $0 \leq x \leq 1$ ). Journal of Solid State Chemistry, 2018, 265, 129-134.	2.9	1
687	Effect of cobalt content on the properties of quintuple perovskites $Sm_2Ba_3Fe_5CoO_{15}$ . Journal of Solid State Chemistry, 2021, 301, 122324.	2.9	1
688	Enhancement of oxygen permeation flux through the $La_{1.5}Sr_{0.5}Ni_{1-x}Mn_xO_{4+\delta}$ ceramic membranes by manganese doping. Journal of the European Ceramic Society, 2021, , .	5.7	1
689	Recent trends in the Exploration of Colossal Magneto Resistance Manganites. European Physical Journal Special Topics, 1997, 07, C1-621-C1-624.	0.2	1
690	An NMR study of $Pr_{0.5}Ca_{0.5}Mn_{1-x}Ga_xO_3$ ( $x=0$ and $0.03$ ). Acta Physica Polonica A, 2004, 105, 189-195.	0.5	1
691	$Fe_{4-x}Ni_xNb_2O_9$ ( $x \leq 1$ ): Nickel impact on the magnetoelectric properties of $Fe_4Nb_2O_9$ . Solid State Sciences, 2022, 125, 106821.	3.2	1
692	Room-temperature tuning of magnetic anisotropy in samarium-thulium orthoferrites. Physical Review B, 2022, 105, .	3.2	1
693	Temperature dependent pinning mechanisms in ceramic $YBa_2Cu_3O_{7-\delta}$ . Journal of the Less Common Metals, 1990, 164-165, 1323-1329.	0.8	0
694	Magnetic properties of melt-processed $YBa_2Cu_3O_{7-\delta}$ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1991, 8, 309-314.	3.5	0
695	Mécanismes de la non-stabilité chimique dans les nouveaux supraconducteurs à haute $T_c$ . Journal De Physique III, 1994, 4, 2057-2067.	0.3	0
696	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
697	Substitution of Chromium for Univalent Copper in Superconducting $Pb_2Sr_2(Ca,Y)Cu_3O_{8+\delta}$ . Journal of Solid State Chemistry, 1996, 127, 64-71.	2.9	0
698	Observation of magnetic frustration in $Dy_2Cr_2C_3$ system. Solid State Communications, 1998, 105, 169-172.	1.9	0
699	Synthèses et supraconductivité de monocristaux à base de mercure. EPJ Applied Physics, 1998, 1, 11-14.	0.7	0
700	Magnetism and CMR in Electron Doped Perovskite and Layered Manganites. Materials Research Society Symposia Proceedings, 1999, 602, 145.	0.1	0
701	Large thermopower in metallic misfit cobalt oxides : improvement by cationic substitutions. Materials Research Society Symposia Proceedings, 2001, 691, 1.	0.1	0
702	Absence of isotope effect in $Mn^{4+}$ -rich CMR manganites $Sm_{1-x}Ca_xMnO_3$ ( $x \sim 0.85-0.88$ ). Journal of Physics Condensed Matter, 2001, 13, 1103-1109.	1.8	0



#	ARTICLE	IF	CITATIONS
703	Induced orbital disordering and ferromagnetism in LaMnO <sub>3</sub> by Mn site substitution: evidence for valency effect. , 0, , .		0
704	Thermoelectric power of Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> with Ru substitution at the Mn site. , 2002, 4811, 266.		0
705	Structural and magnetic properties in bidimensional manganites. Applied Physics A: Materials Science and Processing, 2002, 74, s683-s685.	2.3	0
706	First Series of Transition-Metal-Layered Oxycarbonates: Sr <sub>4</sub> Fe <sub>2-x</sub> M <sub>x</sub> O <sub>6</sub> CO <sub>3</sub> (M: Sc, Ni, Co).. ChemInform, 2003, 34, no.	0.0	0
707	Cationic Ordering in Hexagonal Perovskite Derivatives: 12 R-Ordered Polytype Oxides, Ba <sub>12</sub> Ca <sub>3</sub> Mo <sub>3</sub> Mn <sub>6</sub> O <sub>36</sub> and Ba <sub>12</sub> In <sub>3</sub> Mn <sub>9</sub> O <sub>34.5</sub> .. ChemInform, 2003, 34, no.	0.0	0
708	Pr <sub>0.5</sub> Sr <sub>0.5-x</sub> Ba <sub>x</sub> MnO <sub>3</sub> : Size and Mismatch Effects on Structural and Magnetic Transitions.. ChemInform, 2003, 34, no.	0.0	0
709	Search for p-type oxide thermoelectrics - cobaltites. , 0, , .		0
710	Influence of the SmCo <sub>5</sub> hard magnetic phase on the magnetoresistive properties of Cu-Fe ribbons. Journal of Physics Condensed Matter, 2004, 16, 7477-7492.	1.8	0
711	Phase competition in Pr <sub>0.8</sub> La <sub>0.2</sub> Mn <sub>1-x</sub> MeO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E287-E288.	2.3	0
712	Dome-Shaped Magnetic Phase Diagram of Thermoelectric Layered Cobaltites. ChemInform, 2004, 35, no.	0.0	0
713	Linear Antiferromagnetism in Ba <sub>2</sub> CoS <sub>3</sub> .. ChemInform, 2004, 35, no.	0.0	0
714	Spin Reorientation Associated with a Structural Transition in the Iron Oxycarbonate Sr <sub>4</sub> Fe <sub>2</sub> O <sub>6</sub> CO <sub>3</sub> .. ChemInform, 2004, 35, no.	0.0	0
715	Two New Hydrated Oxyhydroxides Sr <sub>3</sub> Co <sub>1.7</sub> Ti <sub>0.3</sub> O <sub>5</sub> (OH) <sub>2</sub> ·xH <sub>2</sub> O and Sr <sub>4</sub> Co <sub>1.6</sub> Ti <sub>1.4</sub> O <sub>8</sub> (OH) <sub>2</sub> ·xH <sub>2</sub> O Derived from the RP n = 2 and 3 Members: Structural and Magnetic Behavior versus Temperature.. ChemInform, 2005, 36, no-no.	0.0	0
716	Influence of Ba substitution upon ferromagnetism in charge ordered Nd <sub>1-x</sub> CaxMnO <sub>3</sub> : singular behaviour of x = 0.43. Journal of Physics Condensed Matter, 2005, 17, 1019-1025.	1.8	0
717	Thermopower of ruthenium metallic oxides: Large influence of the spin degeneracy term. , 2006, , .		0
718	Thermoelectric oxides: important role of the transition metal spin states. , 2006, , .		0
719	Driven depinning of vortices in irradiated microbridge single-crystals of Bi-2212. Journal of Physics and Chemistry of Solids, 2006, 67, 468-471.	4.0	0
720	Sr and Ba substitution in charge ordered Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> : Sharp steps in the magnetic and transport properties for a narrow composition range. Materials Chemistry and Physics, 2006, 100, 472-476.	4.0	0

#	ARTICLE	IF	CITATIONS
721	Negative Magnetoresistance in Ba <sub>2</sub> CoS <sub>3</sub> .. ChemInform, 2006, 37, no.	0.0	0
722	Thermoelectric properties beyond the standard Boltzmann model in oxides: A focus on the ruthenates. , 2021, , 3-14.		0
723	Thermopower in the Ba <sup>1-x</sup> M <sup>2+x</sup> Ru <sup>4-x</sup> O <sub>11</sub> (M=Co, Mn, Fe) magnetic hexagonal ruthenates. Physical Review B, 2021, 103, .	3.2	0
724	EMR Study of Electronic and Magnetic Ordering in Doped CaMn <sub>1-x</sub> Y <sub>x</sub> M <sub>x</sub> O <sub>3</sub> (M = Ru, Mo) Perovskites. Acta Physica Polonica A, 2005, 108, 235-242.	0.5	0
725	Films, Coatings, Adhesives, Polymers, and Thermoelectric Materials. , 2008, , .		0
726	10.1007/s11451-008-2010-3. , 2010, 50, 275.		0
727	Supraconductivité en dessous de 120 K de nouveaux composés au thallium. Revue De Physique Appliquée, 1989, 24, 479-483.	0.4	0
728	Nouveaux supraconducteurs à haute température critique à base de mercure. Journal De Physique III, 1994, 4, 2079-2091.	0.3	0
729	Magnetic imaging of interlayer Josephson vortices. , 1999, , 139-144.		0
730	Structural, magnetic and magnetoelectric properties of Co <sub>2</sub> Fe <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> , a T <sub>N</sub> = 53 K honeycomb antiferromagnet. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	0