Sudhindra Rayaprol

List of Publications by Year
in descending order

235	2,934	186265	276875
papers	citations	28 h-index	41 g-index

252	252	252	2325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic behavior ofCoions in the exotic spin-chain compoundCa3Co2O6fromCo59NMR studies. Physical Review B, 2004, 70, .	3.2	90
2	Magnetic behaviour of quasi-one-dimensional oxides, Ca3Co1+xMn1â^'xO6. Solid State Communications, 2003, 128, 79-84.	1.9	77
3	Electronic structure ofCa3CoXO6(X=Co, Rh, Ir) studied by x-ray photoemission spectroscopy. Physical Review B, 2005, 71, .	3.2	74
4	B-site bismuth doping effect on structural, magnetic and magnetotransport properties of La0.5Ca0.5Mn1â^'xBixO3. Ceramics International, 2015, 41, 2637-2647.	4.8	73
5	Structural, transport and magnetic properties of monovalent doped La1â^'xNaxMnO3 manganites. Ceramics International, 2015, 41, 7162-7173.	4.8	63
6	Structure and microstructure dependent transport and magnetic properties of solâ€“gel grown nanostructured La 0.6 Nd 0.1 Sr 0.3 MnO 3 manganites: Role of oxygen. Applied Surface Science, 2015, 356, 1272-1281.	6.1	59
7	Magnetic frustration in the stoichiometric spin-chain compoundCa3CoIrO6. Physical Review B, 2003, 67, .	3.2	54
8	Origin of Charge Density Wave Formation in Insulators from a High Resolution Photoemission Study ofBaIrO3. Physical Review Letters, 2005, 95, 016404.	7.8	54
9	Indium Flux-Growth of Eu2AuGe3: A New Germanide with an AlB2Superstructure. Inorganic Chemistry, 2010, 49, 9574-9580.	4.0	52
10	Magnetic and electrical studies on La0.4Sm0.1Ca0.5MnO3 charge ordered manganite. Journal of Magnetism and Magnetic Materials, 2015, 381, 470-477.	2.3	49
11	Structural, electronic, vibrational and magnetic properties of Zn2+ substituted MnCr2O4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 502, 166595.	2.3	48
12	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of Sr₂BOsO₆ (B = Y, In, Sc). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 197-205.	1.2	47
13	Evidence for magneto-electric and spinâ€“lattice coupling in PbFe0.5Nb0.5O3 through structural and magneto-electric studies. Journal of Materials Science, 2015, 50, 4980-4993.	3.7	45
14	Magnetic anomalies in the spin-chain compoundSr3CuRhO6: Griffiths-phase-like behavior of magnetic susceptibility. Physical Review B, 2007, 75, .	3.2	44
15	Catalytic hydrolysis of sodium borohydride solution for hydrogen production using thermal plasma synthesized nickel nanoparticles. International Journal of Hydrogen Energy, 2020, 45, 16591-16605.	7.1	42
16	Investigation on structural, MÃ¶ssbauer and ferroelectric properties of (1â^'x)PbFe0.5Nb0.5O3â€“(x)BiFeO3 solid solution. Journal of Magnetism and Magnetic Materials, 2016, 418, 122-127.	2.3	40
17	Crystal chemistry and spectroscopic properties of ScAuSn, YAuSn, and LuAuSn. Solid State Sciences, 2006, 8, 560-566.	3.2	39
18	Geometrically frustrated magnetic behavior ofSr3NiRhO6andSr3NiPtO6. Physical Review B, 2007, 75, .	3.2	37

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19	Enhanced Electrical Resistivity before NÃ©el Order in the MetalsRCuAs2(R=Sm, Gd, Tb, and Dy). Physical Review Letters, 2003, 91, 036603.	7.8	35
20	Investigation of New B-Site-Disordered Perovskite Oxide CaLaScRuO_{6+Î´}: An Efficient Oxygen Bifunctional Electrocatalyst in a Highly Alkaline Medium. ACS Applied Materials & Interfaces, 2020, 12, 9190-9200.	8.0	35
21	Magnetoelectric coupling in Ca3CoMnO6. Journal of Applied Physics, 2010, 108, .	2.5	34
22	Correlation between electrical and magnetic properties of polycrystalline La0.5Ca0.5Mn0.98Bi0.02O3. Journal of Magnetism and Magnetic Materials, 2016, 408, 116-120.	2.3	34
23	Structural, magnetic, and spectroscopic studies of YAgSn, TmAgSn, and LuAgSn. Journal of Solid State Chemistry, 2006, 179, 2376-2385.	2.9	33
24	Substrate dependent transport and magnetotransport in manganite multilayer. Physica B: Condensed Matter, 2011, 406, 2270-2272.	2.7	32
25	Size and grain morphology dependent magnetic behaviour of Co-doped ZnO. Materials Research Bulletin, 2011, 46, 1933-1937.	5.2	31
26	Structural, electronic and magnetic properties of Sc³⁺ doped CoCr₂O₄ nanoparticles. New Journal of Chemistry, 2020, 44, 14246-14255.	2.8	31
27	Gd2Au2Cd: AMo2FeB2-type intermetallic with ferromagnetic ordering and spin glass anomalies. Physical Review B, 2006, 73, .	3.2	30
28	Colossal electroresistance in Sm0.55Sr0.45MnO3. Journal of Alloys and Compounds, 2010, 508, L32-L35.	5.5	30
29	Composition dependent room temperature structure, electric and magnetic properties in magnetoelectric Pb(Fe 1/2 Nb 1/2)O 3 Pb(Fe 2/3 W 1/3)O 3 solid-solutions. Journal of Alloys and Compounds, 2016, 677, 27-37.	5.5	30
30	Magnetic and magnetocaloric properties of FeMnO3. Ceramics International, 2015, 41, 9567-9571.	4.8	29
31	Magnetic, electrical resistivity, heat-capacity, and thermopower anomalies inCeCuAs2. Physical Review B, 2004, 70, .	3.2	27
32	Crystal Structure and Properties of Yb5Ni4Ge10. European Journal of Inorganic Chemistry, 2011, 2011, 3963-3968.	2.0	27
33	Magnetic order in the frustrated Ising-like chain compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	27
34	Size control on the magnetism of La0.7Sr0.3MnO3. Journal of Alloys and Compounds, 2019, 797, 874-882.	5.5	27
35	Magnetic and transport anomalies in the compounds, RCuAs2 (R=Pr, Nd, Sm, Gd, Tb, Dy, Ho, and Er). Physica B: Condensed Matter, 2004, 348, 465-474.	2.7	26
36	Synthesis, Structure, and Properties of the High-Pressure Modification of CePdSn â€“ a 5 K Antiferromagnet. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 77-82.	1.2	26

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37	Antiferromagnetic ordering in the heavy-fermion systemCe2Au2Cd. Physical Review B, 2005, 72, .	3.2	25
38	Large magnetoresistance in the magnetically ordered state as well as in the paramagnetic state near 300 K in an intermetallic compound, Gd 7 Rh 3. Europhysics Letters, 2005, 69, 454-460.	2.0	25
39	Investigation of structural, vibrational and ferroic properties of AgNbO₃at room temperature using neutron diffraction, Raman scattering and density-functional theory. Journal Physics D: Applied Physics, 2015, 48, 215303.	2.8	25
40	Origin of room temperature weak-ferromagnetism in antiferromagnetic Pb(Fe2/3W1/3)O3 ceramic. Ceramics International, 2015, 41, 11680-11686.	4.8	24
41	Heat-capacity anomalies in the presence of high magnetic fields in the spin-chain compound, Ca3Co2O6. Journal of Magnetism and Magnetic Materials, 2004, 284, L7-L11.	2.3	23
42	Magnetic and Dielectric Properties of R 2CuTiO6 Compounds (R=Y, La, Pr and Nd). Journal of Superconductivity and Novel Magnetism, 2011, 24, 1829-1838.	1.8	23
43	Effect of frustrated exchange interactions and spin-half-impurity on the electronic structure of strongly correlated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>NiFe</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 96, .	3.2	23
44	Structural and magnetic transitions in the Mott insulator GaNb4S8. Journal of Materials Chemistry, 2007, 17, 3833.	6.7	21
45	The polygallides: Yb3Ga7Ge3 and YbGa4Ge2. Journal of Solid State Chemistry, 2012, 187, 200-207.	2.9	21
46	Metal Flux Crystal Growth Technique in the Determination of Ordered Superstructure in EuInGe. Crystal Growth and Design, 2013, 13, 352-359.	3.0	21
47	On the Room Temperature Ferromagnetic and Ferroelectric Properties of Pb(Fe1/2Nb1/2)O3. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2465-2472.	1.8	21
48	Impedance spectroscopy studies on PbFe0.5Nb0.5O3 â€“BiFeO3 multiferroic solid solution. Ceramics International, 2017, 43, 16684-16692.	4.8	21
49	Structural, dielectric and conductivity studies of PbFe0.5Nb0.5O3 - BiFeO3 multiferroic solid solution. Journal of Alloys and Compounds, 2017, 724, 787-798.	5.5	21
50	A rock-salt-type Li-based oxide, Li3Ni2RuO6, exhibiting a chaotic ferrimagnetism with cluster spin-glass dynamics and thermally frozen charge carriers. Scientific Reports, 2016, 6, 31883.	3.3	19
51	Structure and Properties of Î±- and Î²-CeCuSn: A Single Crystal and MÃ¶ssbauer Spectroscopic Investigation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 647-657.	0.7	18
52	Long-range magnetic ordering in the spin-chain compoundCa3CuMnO6with multiple bond distances. Physical Review B, 2003, 68, .	3.2	17
53	Structure and magnetic properties of RE4CoCd and RE4RhCd (RE = Tb, Dy, Ho). Journal of Physics Condensed Matter, 2007, 19, 076213.	1.8	17
54	Influence of chemical pressure on the magnetism of Pr0.7Ca0.3â^'xSrxMnO3 (x=0.0â€“0.3). Journal of Alloys and Compounds, 2010, 493, L19-L24.	5.5	17

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55	Structural and magnetic properties of Mg doped YbMnO3. Physica B: Condensed Matter, 2014, 448, 210-213.	2.7	17
56	Near room temperature magnetodielectric consequence in (Li, Ti) doped NiO ceramic. Journal of Applied Physics, 2016, 119, .	2.5	17
57	Unveiling ferrimagnetic ground state, anomalous behavior of the exchange bias field around spin reorientation, and magnetoelectric coupling in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>YbC</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant.	3.2	17
58	Structural and magnetization studies on nanoparticles of Nd doped Î±-Fe2O3. Materials Chemistry and Physics, 2012, 134, 133-138.	4.0	16
59	Structure and magnetism of FeMnO[sub 3]. AIP Conference Proceedings, 2013, , .	0.4	16
60	Temperature dependent magnetic properties of Co1+xTxFe2â^'2xO4 (TÂ=ÂZr, Ti). Journal of Alloys and Compounds, 2017, 700, 92-97.	5.5	16
61	Spin reorientation and disordered rare earth magnetism in Ho₂FeCoO₆. Journal of Physics Condensed Matter, 2017, 29, 475804.	1.8	16
62	Positive and negative pressure effects on the magnetic ordering and the Kondo effect in the compound Ce2RhSi3. Journal of Physics Condensed Matter, 2007, 19, 326205.	1.8	15
63	Magnetic Properties and Specific Heat Studies of the Plumbides CeTPb (T = Cu, Pd, Ag, Au). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 901-906.	0.7	15
64	Magnetic behavior of Ba3Cu3Sc4O12. Journal of Physics Condensed Matter, 2012, 24, 236001.	1.8	15
65	Low temperature magnetic ground state in bulk Co0.3Zn0.7Fe2O4 spinel ferrite system: Neutron diffraction, magnetization and ac-susceptibility studies. Solid State Communications, 2013, 153, 60-65.	1.9	15
66	Low temperature magnetic studies on PbFe0.5Nb0.5O3 multiferroic. Physica B: Condensed Matter, 2014, 448, 229-232.	2.7	15
67	Specific heat and magnetocaloric studies of hexagonal Yb1â^'xErxMnO3. Materials Letters, 2015, 161, 419-422.	2.6	15
68	Structure and magnetic properties of Mn doped Î±-Fe2O3. Physica B: Condensed Matter, 2019, 574, 411663.	2.7	15
69	Study of combined effect of partial Bi doping and particle size reduction on magnetism of La0.7Sr0.3MnO3. Journal of Magnetism and Magnetic Materials, 2020, 497, 166020.	2.3	14
70	Structural and magnetic anomalies among the spin-chain compounds, Ca3Co1+xIr1â^'xO6. Journal of Chemical Sciences, 2003, 115, 553-560.	1.5	13
71	Magnetic properties and specific heat studies of RE2Pd2Cd (RE = La,Ce,Nd). Journal of Physics Condensed Matter, 2006, 18, 5473-5492.	1.8	13
72	Correlation of exchange bias with magneto-structural effects across the compensation temperature of Co(Cr1â€“xFex)2O4 (x = 0.05 and 0.075). Journal of Applied Physics, 2016, 119, .	2.5	13

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73	Frustrated Ising chains on the triangular lattice in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>Co</mml:mi><mml:msub><mml:mi>O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	13
74	Experimental and theoretical interpretation of magnetic ground state of FeMnO3. Journal of Alloys and Compounds, 2019, 774, 290-298.	5.5	13
75	Large magnetoresistance anomalies in Dy7Rh3. Journal of Physics Condensed Matter, 2004, 16, L495-L498.	1.8	12
76	Negative chemical pressure effects induced by Y substitution for Ca on the â€˜exoticâ€™ magnetic behavior of the spin-chain compound, Ca3Co2O6. Pramana - Journal of Physics, 2005, 65, 491-500.	1.8	12
77	Structure and physical properties of RE2AgGe3 (RE=Ce, Pr, Nd) compounds. Journal of Solid State Chemistry, 2015, 229, 287-295.	2.9	12
78	Influence of Al doping in LaCoO3 on structural, electrical and magnetic properties. Journal of Materials Science, 2015, 50, 366-373.	3.7	12
79	Evidence for Room-Temperature Weak Ferromagnetic and Ferroelectric Ordering in Magnetoelectric Pb(Fe0.634W0.266Nb0.1)O3 Ceramic. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1317-1325.	1.8	12
80	Existence of a critical canting angle of magnetic moments to induce multiferroicity in the Haldane spin-chain system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Tb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	12
81	Structural Investigations of La-2125 Mixed Oxide Superconducting System. Journal of Superconductivity and Novel Magnetism, 2002, 15, 211-215.	0.5	11
82	Electrical resistivity and tunneling anomalies in CeCuAs2. Physica B: Condensed Matter, 2005, 359-361, 108-110.	2.7	11
83	Synthesis, Structure and Properties of the High-pressure Modifications of the Ternary Compounds REPtSn (RE = La, Pr, Sm). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1477-1484.	0.7	11
84	Low temperature thermopower and electrical transport in misfit Ca3Co4O9with elongatedc-axis. Journal Physics D: Applied Physics, 2008, 41, 085414.	2.8	11
85	Flux Growth of Yb6.6Ir6Sn16Having Mixed-Valent Ytterbium. Inorganic Chemistry, 2014, 53, 6615-6623.	4.0	11
86	Coexistence of spin glass type freezing and cooperative paramagnetic state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>MnTi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92.	3.2	11
87	Low temperature neutron diffraction studies on Co(Cr_{1â^'x}Fe_x)₂O₄ (x = 0.05 and 0.075). RSC Advances, 2016, 6, 93511-93518.	3.6	11
88	Effect of Sintering Temperature and Duration on the Formation of Single-Phase Pb0.9Bi0.1Fe0.55Nb0.45O3 Solid Solution. Transactions of the Indian Ceramic Society, 2016, 75, 181-184.	1.0	11
89	Onsite magnetic moment through cation distribution and magnetocrystalline anisotropy studies in NiFe2â^'xRxO4 (Râ€‰=â€‰Y and Lu; xâ€‰=â€‰0, 0.05, and 0.075). Journal of Applied Physics, 2017, 121, 055101.	2.5	11
90	Magneto-structural correlation in Co 0.8 Cu 0.2 Cr 2 O 4 cubic spinel. Journal of Magnetism and Magnetic Materials, 2018, 454, 342-348.	2.3	11

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91	Investigation of space charge polarization behavior in Pb0.9Bi0.1Fe0.7W0.3O3 ceramic. Journal of Alloys and Compounds, 2019, 800, 334-342.	5.5	11
92	Vanadate Encapsulated Polyoxoborate Framework with [V₁₂B₁₈] Clusters: An Efficient Bifunctional Electrocatalyst for Oxygen and Hydrogen Evolution Reactions. Crystal Growth and Design, 2022, 22, 4666-4672.	3.0	11
93	Noncollinear magnetic order in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mrow><mml:mn>1</mml:mn></mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">ZnRhO</mml:mi> Physical Review B, 2011, 83, .	3.2	10
94	Structural and magnetic properties of nickelâ€“zinc ferrite nanocrystalline magnetic particles prepared by microwave combustion method. Indian Journal of Physics, 2014, 88, 1257-1264.	1.8	10
95	Neutron diffraction studies on chemical and magnetic structure of multiferroic PbFe0.67W0.33O3. AIP Conference Proceedings, 2014, , .	0.4	10
96	Thermodynamic properties of multiferroic Mg doped YbMnO3. Journal of Alloys and Compounds, 2015, 644, 830-835.	5.5	10
97	Structure and magnetic behavior of Zn doped NdMnO3 manganite: Neutron diffraction study. Ceramics International, 2017, 43, 14962-14967.	4.8	10
98	Structural and Magnetic Properties of Fe-Doped Mn2O3 Orthorhombic Bixbyite. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2179-2185.	1.8	10
99	Effect of electric poling on structural, magnetic and ferroelectric properties of 0.8PbFe0.5Nb0.5O3-0.2BiFeO3 multiferroic solid solution. Ceramics International, 2019, 45, 13171-13178.	4.8	10
100	New Mo2FeB2type intermetallic cadmium compounds RE2Pd2Cd (RE = Pr, Sm, Gdâ€“Lu)â€”synthesis, structure, and magnetic properties. Journal of Physics Condensed Matter, 2007, 19, 026209.	1.8	9
101	Structure, Magnetic Properties and ¹⁵¹Eu, ¹¹⁹Sn MÃ¶ssbauer Spectroscopy of Eu₅Sn₃S₁₂ and Eu₄LuSn₃S₁₂. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 5-14.	0.7	9
102	Microscopic evidence for magnetic-phase coexistence in the intermetallic compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2014, 90, .	3.2	9
103	Electric field-induced tuning of magnetism in PbFe0.5Nb0.5O3 at room temperature. Journal of Applied Physics, 2015, 118, .	2.5	9
104	Magnetic order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Nd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">PdSi</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> investigated using neutron scattering and muon spin relaxation. Physical Review B, 2019, 100, .	3.2	9
105	Effect of hole filling by Co and hole doping by Ca on the superconductivity of GdBa2Cu3O7âˆ'Î´. Solid State Sciences, 2001, 3, 59-66.	0.7	8
106	Magnetic behavior of the spin-chain compoundsCa3CuIrO6andCa3CuRhO6. Physical Review B, 2005, 71, .	3.2	8
107	Spin glass anomalies in HP-NdPtSnâ€”structural, magnetic and specific heat studies. Solid State Sciences, 2006, 8, 1258-1265.	3.2	8
108	Single phase synthesis and room temperature neutron diffraction studies on multiferroic PbFe[sub 0.5]Nb[sub 0.5]O[sub 3]. , 2013, , .		8

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109	Structural and magnetic properties in the polymorphs of CeRh0.5Ge1.5. Journal of Solid State Chemistry, 2014, 212, 73-80.	2.9	8
110	Effect of milling on structure and magnetism of nanocrystalline La0.7-Bi Sr0.3MnO3 (x = 0.35, 0.40) manganites. Physica B: Condensed Matter, 2021, 606, 412792.	2.7	8
111	Magnetism and DFT calculations for understanding magnetic ground state of Fe doped Mn2O3. Journal of Alloys and Compounds, 2021, 861, 158567.	5.5	8
112	Effect of Sr-substitution on the restitution of superconductivity in Pr-substituted at rare earth and Ba-site in EuBa2Cu3Oz. Physica C: Superconductivity and Its Applications, 2001, 355, 23-30.	1.2	7
113	Structural and superconducting properties of La2â^'xRxBa2CayCu4+yO10+Î´ (R=Nd,â€ŠGd;â€Šy=2x) system. Journal of Applied Physics, 2001, 89, 7657-7659.	2.5	7
114	Studies on La2â^'xPrxCayBa2Cu4+yOz (x=0.1â€“0.5, y=2x) type mixed oxide superconductors. Solid State Communications, 2003, 128, 97-100.	1.9	7
115	Structural and magnetic studies on La2ÂxDyxCa2xBa2Cu4+2xOztype superconducting oxides. Journal of Physics Condensed Matter, 2004, 16, 6551-6559.	1.8	7
116	Ferromagnetic Ordering in the Thallide EuPdTl2. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 159-163.	0.7	7
117	Neutron diffraction studies on structural and magnetic properties of RE2NiGe3 (RE=La, Ce). Journal of Solid State Chemistry, 2014, 217, 113-119.	2.9	7
118	Structural and magnetic properties of Nd2NiGe3. Journal of Alloys and Compounds, 2015, 632, 172-177.	5.5	7
119	Studies on the magnetoelastic and magnetocaloric properties of Yb1â^'xMgxMnO3 using neutron diffraction and magnetization measurements. RSC Advances, 2016, 6, 48636-48643.	3.6	7
120	Swinging Symmetry, Multiple Structural Phase Transitions, and Versatile Physical Properties in RECuGa₃ (RE = Laâ€“Nd, Smâ€“Gd). Inorganic Chemistry, 2016, 55, 666-675.	4.0	7
121	BiFeO3 induced enhancement in multiferroic properties of PbFe0.5Nb0.5O3. Ceramics International, 2018, 44, 20449-20456.	4.8	7
122	Neutron diffraction study of a metallic kagome lattice, Tb3Ru4Al12. Journal of Magnetism and Magnetic Materials, 2019, 477, 83-87.	2.3	7
123	Structural studies and T c dependence in La2â^'x Dy x Ca y Ba2Cu4+y O z type mixed oxide superconductors. Pramana - Journal of Physics, 2002, 58, 877-880.	1.8	6
124	Magnetic behavior of spin-chain compounds, Sr3ZnRhO6 and Ca3NiMnO6, from heat capacity and AC susceptibility studies. Journal of Solid State Chemistry, 2004, 177, 3270-3273.	2.9	6
125	Crystal structure and specific heat of GdCuGe. Journal of Solid State Chemistry, 2006, 179, 2041-2046.	2.9	6
126	Heavy Fermion Behaviour in Ce2Ni1.88Cd. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 891-895.	0.7	6

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127	Low-temperature neutron diffraction and magnetic studies on the magnetoelectric multiferroic Pb(Fe0.534Nb0.4W0.066)O3. Journal of Materials Science, 2017, 52, 10709-10717.	3.7	6
128	Influencing magnetism of quasi 1D spin-chain compound Ca3CoMnO6 by Ni substitution at Co site. Journal of Magnetism and Magnetic Materials, 2019, 486, 165264.	2.3	6
129	Electric field induced structural, magnetic and ferroelectric properties of 0.6PbFe0.5Nb0.5O3-0.4BiFeO3 multiferroic solid solution. Ceramics International, 2020, 46, 27595-27600.	4.8	6
130	Magnetic phase transformation in La0.7-Bi Sr0.3MnO3 (0.25Ââ‰ÂxÂâ‰Â0.40). Journal of Magnetism and Magnetic Materials, 2020, 511, 166966.	2.3	6
131	Neutron diffraction study and magnetic properties of NiFe2-xScxO4. Materials Letters, 2020, 277, 128325.	2.6	6
132	Structural, magnetic and magneto-transport properties of Bi0.7-xLaxSr0.3MnO3 manganites. Ceramics International, 2021, 47, 1021-1033.	4.8	6
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