

# Sudhindra Rayaprol

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6241741/publications.pdf>

Version: 2024-02-01

235  
papers

2,934  
citations

186265

28  
h-index

276875

41  
g-index

252  
all docs

252  
docs citations

252  
times ranked

2325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse Magnetocaloric Effect and the Magnetostructural Transition in $\text{Pr}_{0.15}\text{Ca}_{0.85}\text{MnO}_3$ Manganite. IEEE Transactions on Magnetics, 2022, 58, 1-6.	2.1	1
2	Electrical studies of $\text{Pb}_{0.6}\text{Bi}_{0.4}\text{Fe}_{0.7}\text{Nb}_{0.3}\text{O}_3$ multiferroic. Materials Today: Proceedings, 2022, , .	1.8	1
3	Impact of electric poling on structure, magnetism and ferroelectricity of $0.7\text{PbFeO}\cdot 5\text{NbO}\cdot 5\text{O}_3 - 0.3\text{BiFeO}_3$ multiferroic. Solid State Communications, 2022, , 114766.	1.9	0
4	Neutron diffraction study and temperature variation of magnetic anisotropy in Bi substituted nickel ferrite. Ceramics International, 2022, 48, 23300-23306.	4.8	4
5	Vanadate Encapsulated Polyoxoborate Framework with $[\text{V}_{12}\text{B}_{18}]$ Clusters: An Efficient Bifunctional Electrocatalyst for Oxygen and Hydrogen Evolution Reactions. Crystal Growth and Design, 2022, 22, 4666-4672.	3.0	11
6	Structural, magnetic and magneto-transport properties of $\text{Bi}_{0.7-x}\text{La}_x\text{Sr}_{0.3}\text{MnO}_3$ manganites. Ceramics International, 2021, 47, 1021-1033.	4.8	6
7	Neutron Diffraction Magnetic and Mossbauer Spectroscopic Studies of $\text{Pb}_{0.8}\text{Bi}_{0.2}\text{Fe}_{0.728}\text{W}_{0.264}\text{O}_3$ and $\text{Pb}_{0.7}\text{Bi}_{0.3}\text{Fe}_{0.762}\text{W}_{0.231}\text{O}_3$ Ceramics. Journal of Superconductivity and Novel Magnetism, 2021, 34, 925-941.	1.8	5
8	Effect of $\text{Bi}^{3+}$ on magnetic properties of nanosized $\text{La}_{0.7-x}\text{Bi}_x\text{Sr}_{0.3}\text{MnO}_3$ . Materials Today: Proceedings, 2021, 47, 635-640.	1.8	1
9	Effect of milling on structure and magnetism of nanocrystalline $\text{La}_{0.7-x}\text{Bi}_x\text{Sr}_{0.3}\text{MnO}_3$ ( $x = 0.35, 0.40$ ) manganites. Physica B: Condensed Matter, 2021, 606, 412792.	2.7	8
10	Magnetism and DFT calculations for understanding magnetic ground state of Fe doped $\text{Mn}_2\text{O}_3$ . Journal of Alloys and Compounds, 2021, 861, 158567.	5.5	8
11	Origin of destruction of multiferroicity in $\text{Tb}_2\text{BaNiO}_5$ by Sr doping and its implications. Journal of Alloys and Compounds, 2021, 862, 158514.	5.5	2
12	Investigation on diffuse phase transition through Raman and dielectric properties of $\text{Pb}(\text{Fe}_{0.5}\text{Nb}_{0.5})\text{O}_3$ and $\text{Pb}(\text{Co}_{0.33}\text{Nb}_{0.67})\text{O}_3$ solid solutions. Materials Chemistry and Physics, 2021, 267, 124678.	4.0	5
13	Impedance and modulus studies of $\text{Pb}(\text{Fe}_{0.5}\text{Nb}_{0.5})\text{O}_3$ and $\text{Pb}(\text{Co}_{0.33}\text{Nb}_{0.67})\text{O}_3$ solid solutions. Journal of Alloys and Compounds, 2021, 869, 159312.	5.5	5
14	Pressure-induced anomalies in the magnetic transitions of the exotic multiferroic material $\text{Tb}_{2/3}\text{Mn}_{1/3}\text{O}_3$ . Physical Review Materials, 2021, 5, .	2.4	1
15	Effect of Particle Size on Magnetic Phase Coexistence in Nanocrystalline $\text{La}_{0.4}\text{Bi}_{0.3}\text{Sr}_{0.3}\text{MnO}_3$ . Journal of Superconductivity and Novel Magnetism, 2021, 34, 3319-3331.	1.8	6
16	Charge transport mechanisms in monovalent doped mixed valent manganites. Advanced Materials Proceedings, 2021, 1, 96-103.	0.2	1
17	Study of combined effect of partial Bi doping and particle size reduction on magnetism of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ . Journal of Magnetism and Magnetic Materials, 2020, 497, 166020.	2.3	14
18	Synthesis and magnetic properties of nanostructured $\text{Ni}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ ( $x = 0.4, 0.5$ and $0.6$ ). AIP Conference Proceedings, 2020, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Structural, electronic and magnetic properties of Sc <sup>3+</sup> doped CoCr <sub>2</sub> O <sub>4</sub> nanoparticles. New Journal of Chemistry, 2020, 44, 14246-14255.	2.8	31
20	Electric field induced structural, magnetic and ferroelectric properties of 0.6PbFe0.5Nb0.5O <sub>3</sub> -0.4BiFeO <sub>3</sub> multiferroic solid solution. Ceramics International, 2020, 46, 27595-27600.	4.8	6
21	Non-collinear Order and Spin-Orbit Coupling in Sr <sub>3</sub> ZnIrO <sub>6</sub> . Journal of the Physical Society of Japan, 2020, 89, 064703.	1.6	4
22	Magnetic phase transformation in La <sub>0.7</sub> -Bi Sr <sub>0.3</sub> MnO <sub>3</sub> (0.25-0.40). Journal of Magnetism and Magnetic Materials, 2020, 511, 166966.	2.3	6
23	Low temperature impedance, modulus and conductivity studies of Pb <sub>0.8</sub> Bi <sub>0.2</sub> Fe <sub>0.6</sub> Nb <sub>0.4</sub> O <sub>3</sub> multiferroic. AIP Conference Proceedings, 2020, , .	0.4	1
24	Neutron diffraction study and magnetic properties of NiFe <sub>2-x</sub> Sc <sub>x</sub> O <sub>4</sub> . Materials Letters, 2020, 277, 128325.	2.6	6
25	Weak ferromagnetism and magnetoelectric coupling through the spin-lattice coupling in (1-x)Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> -xBiFeO <sub>3</sub> (x = 0.1 and 0.4) solid solution. Journal of Physics Condensed Matter, 2020, 32, 425805.	1.8	3
26	Structural, electronic, vibrational and magnetic properties of Zn <sup>2+</sup> substituted MnCr <sub>2</sub> O <sub>4</sub> nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 502, 166595.	2.3	48
27	Investigation of New B-Site-Disordered Perovskite Oxide CaLaScRuO <sub>6</sub> : An Efficient Oxygen Bifunctional Electrocatalyst in a Highly Alkaline Medium. ACS Applied Materials & Interfaces, 2020, 12, 9190-9200.	8.0	35
28	Origin of enhanced piezoelectric properties revealed through electric field driven studies in 0.94(Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> ) <sub>1-x</sub> 0.06(Ba <sub>0.85</sub> Ca <sub>0.15</sub> Ti <sub>0.9</sub> Zr <sub>0.1</sub> O <sub>3</sub> ) ceramics. Journal of Applied Physics, 2020, 127, .	2.5	4
29	Unveiling ferrimagnetic ground state, anomalous behavior of the exchange-bias field around spin reorientation, and magnetoelectric coupling in YbC <sub>3</sub> Fe <sub>2</sub> Cr <sub>2</sub> O <sub>12</sub> . Journal of Applied Physics, 2020, 127, .	3.2	17
30	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
31	Study of magnetic structure of ferrimagnet holmium iron garnet by neutron diffraction at room temperature. AIP Conference Proceedings, 2020, , .	0.4	0
32	Single phase synthesis, neutron diffraction and dielectric studies on 0.6PbFe0.5Nb0.5O <sub>3</sub> -0.4BiFeO <sub>3</sub> multiferroic. AIP Conference Proceedings, 2019, , .	0.4	0
33	Stiffening of phonons with enhanced hybridization and structural phase transformation upon Pr-doping in BiFeO <sub>3</sub> . Physica B: Condensed Matter, 2019, 571, 247-251.	2.7	5
34	Neutron diffraction studies on temperature driven crystallographic anisotropy in FeVO <sub>4</sub> multiferroic: Evidence of strong magnetostructural correlations. AIP Conference Proceedings, 2019, , .	0.4	1
35	Synthesis and studies of high-temperature electrical properties of Pb <sub>0.8</sub> Bi <sub>0.2</sub> Fe <sub>0.734</sub> W <sub>0.266</sub> O <sub>3</sub> solid solution. AIP Conference Proceedings, 2019, , .	0.4	1
36	Room temperature neutron diffraction, electron paramagnetic resonance and ferroelectric properties of relaxor ferroelectric Pb(Fe <sub>0.6</sub> Nb <sub>0.2</sub> W <sub>0.2</sub> )O <sub>3</sub> . AIP Conference Proceedings, 2019, , .	0.4	1

#	ARTICLE	IF	CITATIONS
37	Magnetic order in $\text{Nd}_2\text{PdSi}_3$ investigated using neutron scattering and muon spin relaxation. <i>Physical Review B</i> , 2019, 100, .	3.2	9
38	Structure and magnetic properties of Mn doped $\hat{1}\pm\text{-Fe}_2\text{O}_3$ . <i>Physica B: Condensed Matter</i> , 2019, 574, 411663.	2.7	15
39	Investigation of space charge polarization behavior in $\text{Pb}_{0.9}\text{Bi}_{0.1}\text{Fe}_{0.7}\text{W}_{0.3}\text{O}_3$ ceramic. <i>Journal of Alloys and Compounds</i> , 2019, 800, 334-342.	5.5	11
40	Structure-property relations characterizing the devitrification of Ni-Zr glassy alloy thin films. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	5
41	Size control on the magnetism of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ . <i>Journal of Alloys and Compounds</i> , 2019, 797, 874-882.	5.5	27
42	Influencing magnetism of quasi 1D spin-chain compound $\text{Ca}_3\text{CoMnO}_6$ by Ni substitution at Co site. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 486, 165264.	2.3	6
43	Evidence of weak ferromagnetic and antiferromagnetic interaction at low temperature in $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ multiferroic. <i>Physica B: Condensed Matter</i> , 2019, 561, 114-120.	2.7	3
44	Existence of a critical canting angle of magnetic moments to induce multiferroicity in the Haldane spin-chain system $\text{Tb}_2\text{Zr}_2\text{Mn}_2$ . <i>Physical Review B</i> , 2019, 99, .	3.2	12
45	Effect of electric poling on structural, magnetic and ferroelectric properties of $\text{0.8PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3\text{-0.2BiFeO}_3$ multiferroic solid solution. <i>Ceramics International</i> , 2019, 45, 13171-13178.	4.8	10
46	A new descendant of the $\hat{1}^3$ -brass family in the zinc rich Ni-Zn-In system. <i>Journal of Alloys and Compounds</i> , 2019, 786, 225-231.	5.5	1
47	Simultaneous magnetic and structural transitions in $\text{Nd}_{0.15}\text{Ca}_{0.85}\text{MnO}_3$ manganite: Magnetization and neutron diffraction studies. <i>Solid State Communications</i> , 2019, 294, 55-60.	1.9	5
48	Electrical-poling-induced strain effect in $\text{Pb}(\text{Fe}_{0.534}\text{W}_{0.066}\text{Nb}_{0.4})\text{O}_3$ . <i>Indian Journal of Physics</i> , 2019, 93, 617-625.	1.8	1
49	Neutron diffraction study of a metallic kagome lattice, $\text{Tb}_3\text{Ru}_4\text{Al}_{12}$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 477, 83-87.	2.3	7
50	Magnetic and magnetodielectric behavior of the Haldane spin-chain system, $\text{Ho}_2\text{BaNiO}_5$ . <i>Materials Research Express</i> , 2019, 6, 036107.	1.6	1
51	Experimental and theoretical interpretation of magnetic ground state of $\text{FeMnO}_3$ . <i>Journal of Alloys and Compounds</i> , 2019, 774, 290-298.	5.5	13
52	Oxidation behaviour of Fe-Ni alloy nanoparticles synthesized by thermal plasma route. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
53	On the magnetism and magnetocaloric effect of electron-doped manganite $\text{Er}_{0.15}\text{Ca}_{0.85}\text{MnO}_3$ . <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
54	Structural and impedance spectroscopy of $\hat{1}\pm\text{-Mn}_2\text{O}_3$ . <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4

#	ARTICLE	IF	CITATIONS
55	Magneto-structural correlation in $\text{Co}_{0.8}\text{Cu}_{0.2}\text{Cr}_2\text{O}_4$ cubic spinel. Journal of Magnetism and Magnetic Materials, 2018, 454, 342-348.	2.3	11
56	Studies on n- and p-type metal oxide compounds for thermoelectric device fabrication. Bulletin of Materials Science, 2018, 41, 1.	1.7	1
57	Single phase $\text{Pb}_{0.7}\text{Bi}_{0.3}\text{Fe}_{0.65}\text{Nb}_{0.35}\text{O}_3$ multiferroic: Neutron diffraction, impedance and modulus studies. AIP Conference Proceedings, 2018, , .	0.4	1
58	Synthesis, structural and electron paramagnetic resonance studies on $\text{Pb}_{0.9}\text{Bi}_{0.1}\text{Fe}_{0.7}\text{W}_{0.3}\text{O}_3$ ceramic. AIP Conference Proceedings, 2018, , .	0.4	2
59	Structural, vibrational and magnetic studies of $\text{Pb}(\text{Fe}_{0.585}\text{Nb}_{0.25}\text{W}_{0.165})\text{O}_3$ multiferroic solid solution. AIP Conference Proceedings, 2018, , .	0.4	2
60	Neutron diffraction study on exotic magnetic properties of Mn substituted spinel cobalt chromite. Physica B: Condensed Matter, 2018, 551, 98-103.	2.7	3
61	Structural and Magnetic Properties of Fe-Doped $\text{Mn}_2\text{O}_3$ Orthorhombic Bixbyite. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2179-2185.	1.8	10
62	Influence of Mn-substitution on the magnetic and thermal properties of $\text{TbCrO}_3$ . Journal of Alloys and Compounds, 2018, 735, 1031-1040.	5.5	5
63	In-field neutron diffraction investigation of metamagnetism in $\text{Nd}_7\text{Rh}_3$ . Physica B: Condensed Matter, 2018, 551, 127-131.	2.7	2
64	Low Temperature Dielectric and Impedance Spectroscopy Studies of $0.9\text{PFN} - 0.1\text{BFO}$ Multiferroic Solid Solution. Materials Today: Proceedings, 2018, 5, 10722-10727.	1.8	0
65	Structural and low temperature dielectric studies on $\text{Pb}_{0.8}\text{Bi}_{0.2}\text{Fe}_{0.6}\text{Nb}_{0.4}\text{O}_3$ multiferroic solid solution. AIP Conference Proceedings, 2018, , .	0.4	0
66	Tuning of magnetic structure and its effect on magnetic properties in $\text{Co}(\text{Cr}_{1-x}\text{Mn}_x)_2\text{O}_4$ ( $x = 0$ to $0.3$ ). Journal of Applied Physics, 2018, 124, .	2.5	4
67	$\text{BiFeO}_3$ induced enhancement in multiferroic properties of $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ . Ceramics International, 2018, 44, 20449-20456.	4.8	7
68	Magnetocaloric effect in cubic spinel $\text{Co}(\text{Cr}_{0.95}\text{Fe}_{0.05})_2\text{O}_4$ . AIP Conference Proceedings, 2018, , .	0.4	3
69	Temperature dependent magnetic properties of $\text{Co}_{1+x}\text{TxFe}_2\text{O}_4$ ( $\text{T} = \text{Zr, Ti}$ ). Journal of Alloys and Compounds, 2017, 700, 92-97.	5.5	16
70	Onsite magnetic moment through cation distribution and magnetocrystalline anisotropy studies in $\text{NiFe}_{2-x}\text{R}_x\text{O}_4$ ( $\text{R} = \text{Y and Lu}$ ; $x = 0, 0.05, \text{ and } 0.075$ ). Journal of Applied Physics, 2017, 121, 055101.	2.5	11
71	Re-entrant spin-glass freezing and magneto-dielectric behaviour of $\text{Li}_3\text{NiRuO}_5$ , a layered rock-salt related oxide. Journal of Materials Chemistry C, 2017, 5, 5163-5169.	5.5	5
72	Structure & magnetic behavior of Cu doped $\text{NdMnO}_3$ manganite. AIP Conference Proceedings, 2017, , .	0.4	0

#	ARTICLE	IF	CITATIONS
73	Room temperature neutron diffraction, optical and magnetic properties of $\text{Co}(\text{Cr}_{1-x}\text{Mn}_x)\text{O}_4$ ( $x=0.0$ ) Tj ETQq1 1 0,784314 rgBT /Overl	0.4	0
74	Transport properties of bismuth telluride compound prepared by mechanical alloying. AIP Conference Proceedings, 2017, , .	0.4	2
75	Low-temperature neutron diffraction and magnetic studies on the magnetoelectric multiferroic $\text{Pb}(\text{Fe}_{0.534}\text{Nb}_{0.4}\text{W}_{0.066})\text{O}_3$ . Journal of Materials Science, 2017, 52, 10709-10717.	3.7	6
76	Evidence for Room-Temperature Weak Ferromagnetic and Ferroelectric Ordering in Magnetoelectric $\text{Pb}(\text{Fe}_{0.634}\text{W}_{0.266}\text{Nb}_{0.1})\text{O}_3$ Ceramic. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1317-1325.	1.8	12
77	Synthetically tuned structural variations in $\text{CePd}_x\text{Ge}_{2-x}$ ( $x = 0.21, 0.32, 0.69$ ) towards diverse physical properties. Inorganic Chemistry Frontiers, 2017, 4, 241-255.	6.0	3
78	Spin reorientation and disordered rare earth magnetism in $\text{Ho}_2\text{FeCoO}_6$ . Journal of Physics Condensed Matter, 2017, 29, 475804.	1.8	16
79	Impedance spectroscopy studies on $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ "BiFeO <sub>3</sub> multiferroic solid solution. Ceramics International, 2017, 43, 16684-16692.	4.8	21
80	Magnetic structure and magnetism of divalent Zn doped $\text{NdMnO}_3$ . AIP Conference Proceedings, 2017, , .	0.4	0
81	Effect of frustrated exchange interactions and spin-half impurity on the electronic structure of strongly correlated $\text{NiFe}_2\text{O}_4$ . Physical Review B, 2017, 96, .	3.2	23
82	Structural, dielectric and conductivity studies of $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ - $\text{BiFeO}_3$ multiferroic solid solution. Journal of Alloys and Compounds, 2017, 724, 787-798.	5.5	21
83	Neutron diffraction, Mössbauer and electron paramagnetic resonance studies of $\text{Pb}_{0.8}\text{Bi}_{0.2}\text{Fe}_{0.6}\text{Nb}_{0.4}\text{O}_3$ multiferroic. AIP Conference Proceedings, 2017, , .	0.4	1
84	Structure and magnetic behavior of Zn doped $\text{NdMnO}_3$ manganite: Neutron diffraction study. Ceramics International, 2017, 43, 14962-14967.	4.8	10
85	Temperature dependent neutron diffraction of yttrium doped hexagonal $\text{HoMnO}_3$ . AIP Conference Proceedings, 2017, , .	0.4	0
86	Interrupted Magnetic First Order Transitions and Kinetic Arrest probed with In-field Neutron Diffraction. Journal of Physics: Conference Series, 2016, 746, 012063.	0.4	1
87	Near room temperature magnetodielectric consequence in (Li, Ti) doped $\text{NiO}$ ceramic. Journal of Applied Physics, 2016, 119, .	2.5	17
88	Structural, Magnetic and Dielectric Studies of $\text{Pb}_{0.9}\text{Bi}_{0.1}\text{Fe}_{0.55}\text{Nb}_{0.45}\text{O}_3$ Multiferroic Solid solution. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012163.	0.6	0
89	Room temperature neutron diffraction and magnetic studies of multiferroic $\text{Pb}_{0.9}\text{Bi}_{0.1}\text{Fe}_{0.55}\text{Nb}_{0.45}\text{O}_3$ solid solution. AIP Conference Proceedings, 2016, , .	0.4	0
90	Neutron diffraction, specific heat and magnetization studies on $\text{Nd}_2\text{CuTiO}_6$ . AIP Conference Proceedings, 2016, , .	0.4	1

#	ARTICLE	IF	CITATIONS
91	Low temperature dielectric and impedance studies on magnetoelectric Pb(Fe <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> ceramic. AIP Conference Proceedings, 2016, , .	0.4	0
92	Neutron diffraction, Mössbauer and ferroelectric studies on magnetoelectric Pb <sub>0.9</sub> Bi <sub>0.1</sub> Fe <sub>0.55</sub> Nb <sub>0.45</sub> O <sub>3</sub> . AIP Conference Proceedings, 2016, , .	0.4	4
93	A rock-salt-type Li-based oxide, Li <sub>3</sub> Ni <sub>2</sub> RuO <sub>6</sub> , exhibiting a chaotic ferrimagnetism with cluster spin-glass dynamics and thermally frozen charge carriers. Scientific Reports, 2016, 6, 31883.	3.3	19
94	Correlation of exchange bias with magneto-structural effects across the compensation temperature of Co(Cr <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> O <sub>4</sub> (x = 0.05 and 0.075). Journal of Applied Physics, 2016, 119, .	2.5	13
95	Composition dependent room temperature structure, electric and magnetic properties in magnetoelectric Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> solid-solutions. Journal of Alloys and Compounds, 2016, 677, 27-37.	5.5	30
96	Studies on the magnetoelastic and magnetocaloric properties of Yb <sub>1-x</sub> Mg <sub>x</sub> MnO <sub>3</sub> using neutron diffraction and magnetization measurements. RSC Advances, 2016, 6, 48636-48643.	3.6	7
97	Low temperature neutron diffraction studies on Co(Cr <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> O <sub>4</sub> (x = 0.05 and 0.075). RSC Advances, 2016, 6, 93511-93518.	3.6	11
98	Frustrated Ising chains on the triangular lattice in $Sr_{2-x}Mn_{2+x}O_{10}$ . Physical Review B, 2016, 93, .	3.2	13
99	Effect of Sintering Temperature and Duration on the Formation of Single-Phase Pb <sub>0.9</sub> Bi <sub>0.1</sub> Fe <sub>0.55</sub> Nb <sub>0.45</sub> O <sub>3</sub> Solid Solution. Transactions of the Indian Ceramic Society, 2016, 75, 181-184.	1.0	11
100	Low temperature dielectric and conductivity relaxation studies on magnetoelectric Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> . AIP Conference Proceedings, 2016, , .	0.4	1
101	Magnetic structure of Co(Cr <sub>0.925</sub> Fe <sub>0.075</sub> ) <sub>2</sub> O <sub>4</sub> . AIP Conference Proceedings, 2016, , .	0.4	0
102	Investigation on structural, Mössbauer and ferroelectric properties of (1-x)PbFe <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> (x)BiFeO <sub>3</sub> solid solution. Journal of Magnetism and Magnetic Materials, 2016, 418, 122-127.	2.3	40
103	Correlation between electrical and magnetic properties of polycrystalline La <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>0.98</sub> Bi <sub>0.02</sub> O <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2016, 408, 116-120.	2.3	34
104	Swinging Symmetry, Multiple Structural Phase Transitions, and Versatile Physical Properties in RE <sub>3</sub> CuGa (RE = La, Nd, Sm, Gd). Inorganic Chemistry, 2016, 55, 666-675.	4.0	7
105	Structural and Magnetic Study of Co(Cr <sub>0.925</sub> Fe <sub>0.075</sub> ) <sub>2</sub> O <sub>4</sub> . Advanced Science Letters, 2016, 22, 118-120.	0.2	0
106	Coexistence of spin glass type freezing and cooperative paramagnetic state in $Sr_{2-x}Mn_{2+x}O_{10}$ . Physical Review B, 2015, 92, .	3.2	11
107	Global and local structural variations near the antiferroelectric regime in Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> . AIP Conference Proceedings, 2015, , .	0.4	2
108	Neutron diffraction, Mössbauer effect and electron paramagnetic resonance studies on multiferroic Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> . AIP Conference Proceedings, 2015, , .	0.4	3



#	ARTICLE	IF	CITATIONS
109	Investigation of structural, vibrational and ferroic properties of $\text{AgNbO}_3$ at room temperature using neutron diffraction, Raman scattering and density-functional theory. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 215303.	2.8	25
110	Thermodynamic properties of multiferroic Mg doped $\text{YbMnO}_3$ . <i>Journal of Alloys and Compounds</i> , 2015, 644, 830-835.	5.5	10
111	Enhanced magnetic ordering temperature and dielectric behavior in off-stoichiometric $\text{Ca}_3\text{Cu}_{1-x}\text{Mn}_{1+x}\text{O}_6$ ( $x=0.07$ ). <i>Solid State Communications</i> , 2015, 223, 67-73.	1.9	2
112	Structural, transport and magnetic properties of monovalent doped $\text{La}_{1-x}\text{Na}_x\text{MnO}_3$ manganites. <i>Ceramics International</i> , 2015, 41, 7162-7173.	4.8	63
113	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of $\text{Sr}_{2-x}\text{B}_x\text{OsO}_6$ ( $x = \text{Y, In, Sc}$ ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 197-205.	1.2	47
114	Structural and magnetic properties of $\text{Nd}_2\text{NiGe}_3$ . <i>Journal of Alloys and Compounds</i> , 2015, 632, 172-177.	5.5	7
115	Magnetic and electrical studies on $\text{La}_{0.4}\text{Sm}_{0.1}\text{Ca}_{0.5}\text{MnO}_3$ charge ordered manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 381, 470-477.	2.3	49
116	Structure and physical properties of $\text{RE}_2\text{AgGe}_3$ ( $\text{RE}=\text{Ce, Pr, Nd}$ ) compounds. <i>Journal of Solid State Chemistry</i> , 2015, 229, 287-295.	2.9	12
117	Origin of room temperature weak-ferromagnetism in antiferromagnetic $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$ ceramic. <i>Ceramics International</i> , 2015, 41, 11680-11686.	4.8	24
118	Evidence for magneto-electric and spin-lattice coupling in $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ through structural and magneto-electric studies. <i>Journal of Materials Science</i> , 2015, 50, 4980-4993.	3.7	45
119	On the Room Temperature Ferromagnetic and Ferroelectric Properties of $\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 2465-2472.	1.8	21
120	Magnetic and magnetocaloric properties of $\text{FeMnO}_3$ . <i>Ceramics International</i> , 2015, 41, 9567-9571.	4.8	29
121	Influence of Al doping in $\text{LaCoO}_3$ on structural, electrical and magnetic properties. <i>Journal of Materials Science</i> , 2015, 50, 366-373.	3.7	12
122	Electric field-induced tuning of magnetism in $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ at room temperature. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	9
123	Structure and microstructure dependent transport and magnetic properties of sol-gel grown nanostructured $\text{La}_{0.6}\text{Nd}_{0.1}\text{Sr}_{0.3}\text{MnO}_3$ manganites: Role of oxygen. <i>Applied Surface Science</i> , 2015, 356, 1272-1281.	6.1	59
124	Specific heat and magnetocaloric studies of hexagonal $\text{Yb}_{1-x}\text{Er}_x\text{MnO}_3$ . <i>Materials Letters</i> , 2015, 161, 419-422.	2.6	15
125	B-site bismuth doping effect on structural, magnetic and magnetotransport properties of $\text{La}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Bi}_x\text{O}_3$ . <i>Ceramics International</i> , 2015, 41, 2637-2647.	4.8	73
126	Size induced inverse spins canting in $\text{CO}_2\text{-Zn}$ system: Neutron diffraction and magnetic studies. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 377, 133-136.	2.3	4



#	ARTICLE	IF	CITATIONS
127	Neutron diffraction study for structure and magnetism of $\text{Bi}_{0.4}\text{Ca}_{0.6}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ( $x= 0.1$ and $0.2$ ). <i>Materials Research Express</i> , 2014, 1, 036105.	1.6	1
128	Microscopic evidence for magnetic-phase coexistence in the intermetallic compound $\text{Nd}_{1-x}\text{Mn}_x\text{O}_2$ . <i>Physical Review B</i> , 2014, 90, .	3.2	9
129	Structural and magnetic properties of nickel-zinc ferrite nanocrystalline magnetic particles prepared by microwave combustion method. <i>Indian Journal of Physics</i> , 2014, 88, 1257-1264.	1.8	10
130	Antiferromagnetic super-spin freezing with partial charge and magnetic order in $\text{LiMn}_2\text{O}_4$ . <i>Materials Research Express</i> , 2014, 1, 046113.	1.6	3
131	Low temperature magnetic studies on $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ multiferroic. <i>Physica B: Condensed Matter</i> , 2014, 448, 229-232.	2.7	15
132	Structural and magnetic properties in the polymorphs of $\text{CeRh}_{0.5}\text{Ge}_{1.5}$ . <i>Journal of Solid State Chemistry</i> , 2014, 212, 73-80.	2.9	8
133	Magnetic order in the frustrated Ising-like chain compound $\text{Sr}_3\text{O}_6$ . <i>Physical Review B</i> , 2014, 90, .	3.2	27
134	Low temperature neutron diffraction study of $\text{Nd}_{1-x}\text{Sr}_x\text{CrO}_3$ ( $0.05 \leq x \leq 0.15$ ). <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 361, 81-87.	2.3	5
135	Flux Growth of $\text{Yb}_6\text{Ir}_6\text{Sn}_{16}$ Having Mixed-Valent Ytterbium. <i>Inorganic Chemistry</i> , 2014, 53, 6615-6623.	4.0	11
136	Structural and magnetic properties of Mg doped $\text{YbMnO}_3$ . <i>Physica B: Condensed Matter</i> , 2014, 448, 210-213.	2.7	17
137	Neutron diffraction studies on structural and magnetic properties of $\text{RE}_2\text{NiGe}_3$ ( $\text{RE}=\text{La}, \text{Ce}$ ). <i>Journal of Solid State Chemistry</i> , 2014, 217, 113-119.	2.9	7
138	Neutron diffraction studies on chemical and magnetic structure of multiferroic $\text{PbFe}_{0.67}\text{W}_{0.33}\text{O}_3$ . <i>AIP Conference Proceedings</i> , 2014, , .	0.4	10
139	Low temperature magnetic properties of magnesium substituted $\text{YbMnO}_3$ . , 2014, , .		1
140	Structure and magnetism of $\text{FeMnO}_3$ . <i>AIP Conference Proceedings</i> , 2013, , .	0.4	16
141	$\text{Ce}_4\text{Ag}_3\text{Ge}_4\text{O}_{0.5}$ chains of oxygen-centered $[\text{OCe}_2\text{Ce}_2/2]$ tetrahedra embedded in a $[\text{CeAg}_3\text{Ge}_4]$ intermetallic matrix. <i>Dalton Transactions</i> , 2013, 42, 15207.	3.3	4
142	Low temperature magnetic ground state in bulk $\text{Co}_{0.3}\text{Zn}_{0.7}\text{Fe}_2\text{O}_4$ spinel ferrite system: Neutron diffraction, magnetization and ac-susceptibility studies. <i>Solid State Communications</i> , 2013, 153, 60-65.	1.9	15
143	Metal Flux Crystal Growth Technique in the Determination of Ordered Superstructure in $\text{EuInGe}$ . <i>Crystal Growth and Design</i> , 2013, 13, 352-359.	3.0	21
144	Structural and transport properties of Dy substituted $\text{YBaCo}_4\text{O}_7$ . , 2013, , .		0

#	ARTICLE	IF	CITATIONS
145	Single phase synthesis and room temperature neutron diffraction studies on multiferroic $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ . , 2013, , .		8
146	Exchange bias in ball-milled $\text{LaFeO}_3$ . , 2013, , .		1
147	Magnetic behavior of $\text{Ba}_3\text{Cu}_3\text{Sc}_4\text{O}_{12}$ . Journal of Physics Condensed Matter, 2012, 24, 236001.	1.8	15
148	Structure-property correlations in $\text{La}_{1-x}\text{Na}_x\text{MnO}_3$ manganites. , 2012, , .		1
149	Doping induced modification in polyhedral tilt in hexagonal $\text{Ho}_{1-x}\text{Y}_x\text{MnO}_3$ . , 2012, , .		1
150	Structural and transport properties of Yb substituted $\text{YBaCo}_4\text{O}_7$ . , 2012, , .		2
151	Neutron diffraction studies on an exotic magnetic system, $\text{Nd}_7\text{Rh}_3$ . Journal of Physics: Conference Series, 2012, 340, 012064.	0.4	4
152	Structural and magnetization studies on nanoparticles of Nd doped $\hat{\text{I}}\pm\text{-Fe}_2\text{O}_3$ . Materials Chemistry and Physics, 2012, 134, 133-138.	4.0	16
153	The polygallides: $\text{Yb}_3\text{Ga}_7\text{Ge}_3$ and $\text{YbGa}_4\text{Ge}_2$ . Journal of Solid State Chemistry, 2012, 187, 200-207.	2.9	21
154	Dielectric properties of $\text{Gd}_3\text{Ba}_2\text{Mn}_2\text{Cu}_2\text{O}_{12}$ manganocuprate. Journal of Applied Physics, 2011, 109, 07D709.	2.5	0
155	Size and grain morphology dependent magnetic behaviour of Co-doped ZnO. Materials Research Bulletin, 2011, 46, 1933-1937.	5.2	31
156	Low-field Magnetoresistance, Specific Heat and Magnetocaloric Effect in Sr Substituted $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ . Journal of Superconductivity and Novel Magnetism, 2011, 24, 1425-1431.	1.8	5
157	Magnetic Anomalies and Electronic Structure of $\text{Ce}_2\text{Cu}_2\text{Mg}$ and $\text{Ce}_2\text{Pd}_2\text{Mg}$ . Journal of Superconductivity and Novel Magnetism, 2011, 24, 1585-1592.	1.8	3
158	Magnetic and Dielectric Properties of $\text{R}_2\text{CuTiO}_6$ Compounds (R=Y, La, Pr and Nd). Journal of Superconductivity and Novel Magnetism, 2011, 24, 1829-1838.	1.8	23
159	Crystal Structure and Properties of $\text{Yb}_5\text{Ni}_4\text{Ge}_{10}$ . European Journal of Inorganic Chemistry, 2011, 2011, 3963-3968.	2.0	27
160	Substrate dependent transport and magnetotransport in manganite multilayer. Physica B: Condensed Matter, 2011, 406, 2270-2272.	2.7	32
161	Thermoelectric Properties of $\text{Ca}_4\text{Mn}_{3-x}\text{Nb}_x\text{O}_{10}$ . , 2011, , .		1
162	Noncollinear magnetic order in the $\text{Sr}_3\text{ZnRhO}_7$ . Physical Review B, 2011, 83, .	3.2	10

#	ARTICLE	IF	CITATIONS
163	Neutron diffraction and magnetization study of La <sub>0.7</sub> Ca <sub>0.3</sub> FeO <sub>3</sub> . Journal of Applied Physics, 2011, 109, 07E132.	2.5	1
164	Magnetocapacitance in Ca <sub>3</sub> CoMnO <sub>6</sub> . Journal of Applied Physics, 2011, 109, 07D734.	2.5	3
165	Low Temperature Neutron Diffraction Studies on Ca <sub>3</sub> CoMnO <sub>6</sub> . , 2011, , .		0
166	Superconducting and microstructural properties of Mg <sub>1-x</sub> Ag <sub>x</sub> B <sub>2</sub> . Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1456-1459.	1.8	0
167	Magnetoelectric coupling in Ca <sub>3</sub> CoMnO <sub>6</sub> . Journal of Applied Physics, 2010, 108, .	2.5	34
168	Physical Properties Of Eu <sub>3</sub> Ba <sub>2</sub> Mn <sub>2</sub> Cu <sub>2</sub> O <sub>12</sub> . , 2010, , .		0
169	Indium Flux-Growth of Eu <sub>2</sub> AuGe <sub>3</sub> : A New Germanide with an AlB <sub>2</sub> Superstructure. Inorganic Chemistry, 2010, 49, 9574-9580.	4.0	52
170	Influence of chemical pressure on the magnetism of Pr <sub>0.7</sub> Ca <sub>0.3</sub> <sup>x</sup> Sr <sub>x</sub> MnO <sub>3</sub> (x=0.0-0.3). Journal of Alloys and Compounds, 2010, 493, L19-L24.	5.5	17
171	Colossal electroresistance in Sm <sub>0.55</sub> Sr <sub>0.45</sub> MnO <sub>3</sub> . Journal of Alloys and Compounds, 2010, 508, L32-L35.	5.5	30
172	Preparation and Characterization of HgO and AgO Added La <sub>2</sub> CaBa <sub>2</sub> Cu <sub>5</sub> O <sub>z</sub> Superconductors. Journal of Superconductivity and Novel Magnetism, 2009, 22, 699-704.	1.8	1
173	Superconductivity and Magnetism in R <sub>2</sub> CaBa <sub>2</sub> Cu <sub>5</sub> O <sub>z</sub> (R=La, Pr, Nd and Eu). Journal of Superconductivity and Novel Magnetism, 2009, 22, 759-767.	1.8	3
174	Magnetic anomalies in a new manganocuprate Gd <sub>3</sub> Ba <sub>2</sub> Mn <sub>2</sub> Cu <sub>2</sub> O <sub>12</sub> . Solid State Communications, 2008, 147, 353-356.	1.9	2
175	Structure and magnetism of GdRuGe. Solid State Communications, 2008, 148, 326-330.	1.9	5
176	Crystal Structure, Chemical Bonding, and Magnetic Hyperfine Interactions in GdRu <sub>2</sub> SiC. Chemistry of Materials, 2008, 20, 1381-1389.	6.7	4
177	Low temperature thermopower and electrical transport in misfit Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> with elongated c-axis. Journal Physics D: Applied Physics, 2008, 41, 085414.	2.8	11
178	Stability of the geometrically frustrated magnetic state of Ca <sub>3</sub> CoRhO <sub>6</sub> to applications of positive and negative pressure. Journal of Physics Condensed Matter, 2008, 20, 255247.	1.8	4
179	Structure and magnetic properties of RE <sub>4</sub> CoCd and RE <sub>4</sub> RhCd (RE = Tb, Dy, Ho). Journal of Physics Condensed Matter, 2007, 19, 076213.	1.8	17
180	Positive and negative pressure effects on the magnetic ordering and the Kondo effect in the compound Ce <sub>2</sub> RhSi <sub>3</sub> . Journal of Physics Condensed Matter, 2007, 19, 326205.	1.8	15

#	ARTICLE	IF	CITATIONS
181	New Mo <sub>2</sub> FeB <sub>2</sub> type intermetallic cadmium compounds RE <sub>2</sub> Pd <sub>2</sub> Cd (RE = Pr, Sm, Gd, Lu) synthesis, structure, and magnetic properties. Journal of Physics Condensed Matter, 2007, 19, 026209.	1.8	9
182	Geometrically frustrated magnetic behavior of Sr <sub>3</sub> NiRhO <sub>6</sub> and Sr <sub>3</sub> NiPtO <sub>6</sub> . Physical Review B, 2007, 75, .	3.2	37
183	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
184	Structure, Magnetic Properties and <sup>151</sup> Eu, <sup>119</sup> Sn Mössbauer Spectroscopy of Eu <sub>5</sub> Sn <sub>3</sub> S <sub>12</sub> and Eu <sub>4</sub> LuSn <sub>3</sub> S <sub>12</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 5-14.	0.7	9
185	Structural and magnetic transitions in the Mott insulator GaNb <sub>4</sub> S <sub>8</sub> . Journal of Materials Chemistry, 2007, 17, 3833.	6.7	21
186	Magnetic anomalies in the spin-chain compound Sr <sub>3</sub> CuRhO <sub>6</sub> : Griffiths-phase-like behavior of magnetic susceptibility. Physical Review B, 2007, 75, .	3.2	44
187	Structure and Properties of $\hat{1}\pm$ - and $\hat{1}^2$ -CeCuSn: A Single Crystal and Mössbauer Spectroscopic Investigation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 647-657.	0.7	18
188	Heavy Fermion Behaviour in Ce <sub>2</sub> Ni <sub>1.88</sub> Cd. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 891-895.	0.7	6
189	200 MeV Ag <sup>+</sup> ion irradiation created columnar defects and enhanced critical current density of La-2125 type superconducting thin films. Solid State Communications, 2007, 142, 462-465.	1.9	5
190	Synthesis, Structure, and Properties of the High-Pressure Modification of CePdSn at a 5 K Antiferromagnet. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 77-82.	1.2	26
191	Ferromagnetic Ordering in the Thallide EuPdTi <sub>2</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 159-163.	0.7	7
192	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
193	Magnetic behavior of the spin-chain compound, Ca <sub>3</sub> CuRuO <sub>6</sub> . Physica B: Condensed Matter, 2006, 378-380, 1144-1145.	2.7	0
194	Crystal structure and specific heat of GdCuGe. Journal of Solid State Chemistry, 2006, 179, 2041-2046.	2.9	6
195	Structural, magnetic, and spectroscopic studies of YAgSn, TmAgSn, and LuAgSn. Journal of Solid State Chemistry, 2006, 179, 2376-2385.	2.9	33
196	<sup>119</sup> Sn Mössbauer spectroscopy and specific heat studies of the stannides RE <sub>2</sub> Sn <sub>2</sub> (RE = Gd, Er, Cu, Ag). Solid State Communications, 2006, 140, 276-280.	1.9	2
197	Crystal chemistry and spectroscopic properties of ScAuSn, YAuSn, and LuAuSn. Solid State Sciences, 2006, 8, 560-566.	3.2	39
198	Spin glass anomalies in HP-NdPtSn structural, magnetic and specific heat studies. Solid State Sciences, 2006, 8, 1258-1265.	3.2	8

#	ARTICLE	IF	CITATIONS
199	Magnetic properties and specific heat studies of RE <sub>2</sub> Pd <sub>2</sub> Cd (RE = La,Ce,Nd). Journal of Physics Condensed Matter, 2006, 18, 5473-5492.	1.8	13
200	Low Temperature Bond Valence Sum Study of La <sub>1.7</sub> Dy <sub>0.3</sub> Ca <sub>0.6</sub> Ba <sub>2</sub> Cu <sub>4.6</sub> Oz Oxide Superconductors. Solid State Phenomena, 2006, 111, 163-166.	0.3	1
201	Gd <sub>2</sub> Au <sub>2</sub> Cd: AMo <sub>2</sub> FeB <sub>2</sub> -type intermetallic with ferromagnetic ordering and spin glass anomalies. Physical Review B, 2006, 73, .	3.2	30
202	Electrical resistivity and tunneling anomalies in CeCuAs <sub>2</sub> . Physica B: Condensed Matter, 2005, 359-361, 108-110.	2.7	11
203	Negative chemical pressure effects induced by Y substitution for Ca on the "exotic" magnetic behavior of the spin-chain compound, Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> . Pramana - Journal of Physics, 2005, 65, 491-500.	1.8	12
204	Antiferromagnetic ordering in the heavy-fermion system Ce <sub>2</sub> Au <sub>2</sub> Cd. Physical Review B, 2005, 72, .	3.2	25
205	Electronic structure of Ca <sub>3</sub> CoXO <sub>6</sub> (X=Co, Rh, Ir) studied by x-ray photoemission spectroscopy. Physical Review B, 2005, 71, .	3.2	74
206	Magnetic behavior of the spin-chain compounds Ca <sub>3</sub> CuIrO <sub>6</sub> and Ca <sub>3</sub> CuRhO <sub>6</sub> . Physical Review B, 2005, 71, .	3.2	8
207	Large magnetoresistance in the magnetically ordered state as well as in the paramagnetic state near 300 K in an intermetallic compound, Gd <sub>7</sub> Rh <sub>3</sub> . Europhysics Letters, 2005, 69, 454-460.	2.0	25
208	Origin of Charge Density Wave Formation in Insulators from a High Resolution Photoemission Study of BaIrO <sub>3</sub> . Physical Review Letters, 2005, 95, 016404.	7.8	54
209	Structural and magnetic studies on La <sub>2-x</sub> Dy <sub>x</sub> Ca <sub>2</sub> Ba <sub>2</sub> Cu <sub>4+2x</sub> O <sub>z</sub> type superconducting oxides. Journal of Physics Condensed Matter, 2004, 16, 6551-6559.	1.8	7
210	Large magnetoresistance anomalies in Dy <sub>7</sub> Rh <sub>3</sub> . Journal of Physics Condensed Matter, 2004, 16, L495-L498.	1.8	12
211	Publisher's Note: Magnetic behavior of Co ions in the exotic spin-chain compound Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> from Co <sup>59</sup> NMR studies [Phys. Rev. B70, 014437 (2004)]. Physical Review B, 2004, 70, .	3.2	0
212	Magnetic, electrical resistivity, heat-capacity, and thermopower anomalies in CeCuAs <sub>2</sub> . Physical Review B, 2004, 70, .	3.2	27
213	Magnetic behavior of Co ions in the exotic spin-chain compound Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> from Co <sup>59</sup> NMR studies. Physical Review B, 2004, 70, .	3.2	90
214	EFFECT OF Co "Ga PAIRED SUBSTITUTION ON SUPERCONDUCTIVITY IN YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> . Modern Physics Letters B, 2004, 18, 485-492.	1.9	0
215	Heat-capacity anomalies in the presence of high magnetic fields in the spin-chain compound, Ca <sub>3</sub> Co <sub>2</sub> O <sub>6</sub> . Journal of Magnetism and Magnetic Materials, 2004, 284, L7-L11.	2.3	23
216	Neutron diffraction studies on La <sub>2-x</sub> Dy <sub>x</sub> Ca <sub>2</sub> Ba <sub>2</sub> Cu <sub>4+2x</sub> Oz superconductors. Pramana - Journal of Physics, 2004, 63, 213-219.	1.8	5

#	ARTICLE	IF	CITATIONS
217	Critical current density and flux pinning in $\text{La}_{2-x}\text{Pr}_x\text{Ca}_2\text{Ba}_2\text{Cu}_{4+2x}\text{O}_z$ ( $x=0.1\text{--}0.5$ ) superconductors. <i>Solid State Communications</i> , 2004, 131, 71-74.	1.9	0
218	Magnetic behavior of spin-chain compounds, $\text{Sr}_3\text{ZnRhO}_6$ and $\text{Ca}_3\text{NiMnO}_6$ , from heat capacity and AC susceptibility studies. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3270-3273.	2.9	6
219	Magnetic and transport anomalies in the compounds, $\text{RCuAs}_2$ (R=Pr, Nd, Sm, Gd, Tb, Dy, Ho, and Er). <i>Physica B: Condensed Matter</i> , 2004, 348, 465-474.	2.7	26
220	Structural and magnetic anomalies among the spin-chain compounds, $\text{Ca}_3\text{Co}_{1+x}\text{Ir}_{1-x}\text{O}_6$ . <i>Journal of Chemical Sciences</i> , 2003, 115, 553-560.	1.5	13
221	Magnetic behaviour of quasi-one-dimensional oxides, $\text{Ca}_3\text{Co}_{1+x}\text{Mn}_{1-x}\text{O}_6$ . <i>Solid State Communications</i> , 2003, 128, 79-84.	1.9	77
222	Studies on $\text{La}_{2-x}\text{Pr}_x\text{Ca}_y\text{Ba}_2\text{Cu}_{4+y}\text{O}_z$ ( $x=0.1\text{--}0.5, y=2x$ ) type mixed oxide superconductors. <i>Solid State Communications</i> , 2003, 128, 97-100.	1.9	7
223	Study of Ag ion irradiation effects on the oxygen stoichiometry of La-2125-type superconducting thin films using ERDA. <i>Radiation Measurements</i> , 2003, 36, 733-736.	1.4	2
224	Effect of Mo-substitution on superconductivity, flux pinning and critical currents of $\text{La}_{1.5}\text{Nd}_{0.5}\text{Ca}_1\text{Ba}_2\text{Cu}_5\text{O}_z$ . <i>Physica C: Superconductivity and Its Applications</i> , 2003, 391, 237-244.	1.2	3
225	Magnetic frustration in the stoichiometric spin-chain compound $\text{Ca}_3\text{CoIrO}_6$ . <i>Physical Review B</i> , 2003, 67, .	3.2	54
226	Long-range magnetic ordering in the spin-chain compound $\text{Ca}_3\text{CuMnO}_6$ with multiple bond distances. <i>Physical Review B</i> , 2003, 68, .	3.2	17
227	Enhanced Electrical Resistivity before Néel Order in the Metals $\text{RCuAs}_2$ (R=Sm, Gd, Tb, and Dy). <i>Physical Review Letters</i> , 2003, 91, 036603.	7.8	35
228	Interplay of lattice strain and spin-polarization in ferromagnetic-insulator-ferromagnetic thin films: $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3/\text{LaAlO}_3/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2003, 93, 8203-8205.	2.5	2
229	Structural studies and $T_c$ dependence in $\text{La}_{2-x}\text{Dy}_x\text{Ca}_y\text{Ba}_2\text{Cu}_{4+y}\text{O}_z$ type mixed oxide superconductors. <i>Pramana - Journal of Physics</i> , 2002, 58, 877-880.	1.8	6
230	Effect of Pr-Ca substitution on the transport and magnetic behavior of $\text{LaMnO}_3$ perovskite. <i>Pramana - Journal of Physics</i> , 2002, 58, 1035-1039.	1.8	5
231	Structural Investigations of La-2125 Mixed Oxide Superconducting System. <i>Journal of Superconductivity and Novel Magnetism</i> , 2002, 15, 211-215.	0.5	11
232	Effect of hole filling by Co and hole doping by Ca on the superconductivity of $\text{GdBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Solid State Sciences</i> , 2001, 3, 59-66.	0.7	8
233	Effect of Sr-substitution on the restitution of superconductivity in Pr-substituted at rare earth and Ba-site in $\text{EuBa}_2\text{Cu}_3\text{O}_z$ . <i>Physica C: Superconductivity and Its Applications</i> , 2001, 355, 23-30.	1.2	7
234	Structural and superconducting properties of $\text{La}_{2-x}\text{R}_x\text{Ba}_2\text{Ca}_y\text{Cu}_{4+y}\text{O}_{10+\delta}$ (R=Nd, Sm, Gd; $\delta=2x$ ) system. <i>Journal of Applied Physics</i> , 2001, 89, 7657-7659.	2.5	7

#	ARTICLE	IF	CITATIONS
235	Influence of Electric Poling on Pb <sub>0.9</sub> Bi <sub>0.1</sub> Fe <sub>0.55</sub> Nb <sub>0.45</sub> O <sub>3</sub> Multiferroic. Journal of Superconductivity and Novel Magnetism, 0, , 1.	1.8	0