

# Seenipandian Ravi

## List of Publications by Year in descending order

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121  
papers

1,680  
citations

304743

22  
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414414

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123  
all docs

123  
docs citations

123  
times ranked

1217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Mn doping on magnetic and dielectric properties of YFeO <sub>3</sub> . <i>Ceramics International</i> , 2017, 43, 1323-1334.	4.8	65
2	Sign reversal of magnetization and exchange bias field in LaCr <sub>0.85</sub> Mn <sub>0.15</sub> O <sub>3</sub> . <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	62
3	Study of magneto-resistivity in La <sub>1-x</sub> Ag <sub>x</sub> MnO <sub>3</sub> compounds. <i>Physica B: Condensed Matter</i> , 2004, 348, 169-176.	2.7	59
4	Magnetic compensation effect and phase reversal of exchange bias field across compensation temperature in multiferroic Co(Cr <sub>0.95</sub> Fe <sub>0.05</sub> ) <sub>2</sub> O <sub>4</sub> . <i>Applied Physics Letters</i> , 2013, 102, 112412.	3.3	55
5	Impedance spectroscopy and ac conductivity mechanism in Sm doped Yttrium Iron Garnet. <i>Ceramics International</i> , 2017, 43, 10468-10477.	4.8	54
6	Effect of Ni doping on structural, magnetic and dielectric properties of M-type barium hexaferrite. <i>Solid State Sciences</i> , 2019, 89, 139-149.	3.2	53
7	Ferromagnetism and ferroelectricity in Fe doped BaTiO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , 2014, 448, 204-206.	2.7	49
8	ac-susceptibility study of the 110-K superconducting phase of Bi-Sr-Ca-Cu-O. <i>Physical Review B</i> , 1994, 49, 13082-13088.	3.2	42
9	Study of magnetization reversal in LaCr <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> compounds. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	39
10	Sign reversal of magnetization and tunable exchange bias field in NdCr <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> (x=0.05-0.2). <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 386, 85-91.	2.3	37
11	Structural, optical and magnetic properties of Pr <sub>2</sub> FeCrO <sub>6</sub> nanoparticles. <i>Journal of Solid State Chemistry</i> , 2019, 278, 120903.	2.9	34
12	Electrical resistivity and ac susceptibility studies in La <sub>1-x</sub> Ag <sub>x</sub> MnO <sub>3</sub> . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 110, 46-51.	3.5	29
13	Sign reversal of magnetization in Mn substituted SmCrO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 405, 209-213.	2.3	29
14	Structural, magnetic and electrical properties of Fe substituted GdCrO <sub>3</sub> . <i>Solid State Sciences</i> , 2018, 83, 192-200.	3.2	27
15	Bipolar switching of magnetization and tunable exchange bias in NdCr <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> (x=0.0-0.30). <i>Journal of Applied Physics</i> , 2014, 116, 063901.	2.5	26
16	Influence of Al Substitution on Structural, Dielectric and Magnetic Properties of M-type Barium Hexaferrite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 1453-1461.	1.8	26
17	AC susceptibility study in the 85 K phase of the Bi-Sr-Ca-Cu-O system. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 51-60.	1.2	25
18	Effect of Al substitution on La <sub>0.85</sub> Ag <sub>0.15</sub> MnO <sub>3</sub> double exchange ferromagnetic compound. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 147, 84-89.	3.5	25

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19	Magnetic properties of electron-doped $Y_{1-x}Ce_xMnO_3$ compounds. Journal of Magnetism and Magnetic Materials, 2008, 320, 2382-2386.	2.3	24
20	Study of exchange bias and training effect in $NiCr_2O_4$ . Journal of Magnetism and Magnetic Materials, 2015, 385, 93-98.	2.3	24
21	Magnetic properties of transition metal substituted $La_{0.85}Ag_{0.15}Mn_{1-y}MyO_3$ compounds (M=Co, Cr) $T_j$ ETQq1 1 0.784314 rgBT / Overlock	2.3	23
22	Magnetic structure and magnetic properties of $Nd_{1-x}Na_xMnO_3$ compounds. Journal of Applied Physics, 2011, 110, .	2.5	23
23	Structural, magnetic and dielectric properties of Cr substituted yttrium iron garnets. Journal of the American Ceramic Society, 2018, 101, 5046-5060.	3.8	23
24	Effect of (Ni-Ag) co-doping on crystal structure and magnetic Property of $SnO_2$ . Materials Research Express, 2019, 6, 126107.	1.6	22
25	Critical behavior studies in $La_{1-x}Ag_xMnO_3$ double-exchange ferromagnet. Physica Status Solidi (B): Basic Research, 2006, 243, 1908-1913.	1.5	21
26	Magnetic properties of $Nd_{1-x}Ag_xMnO_3$ compounds. Journal of Physics Condensed Matter, 2008, 20, 505212.	1.8	20
27	Tailoring room temperature d0 ferromagnetism, dielectric, optical, and transport properties in Ag-doped rutile $TiO_2$ compounds for spintronics applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 28163-28175.	2.2	20
28	Effect of Co doping on the magnetic properties of $La_{0.85}Ag_{0.15}(Mn_{1-y}Co_y)O_3$ . Journal of Magnetism and Magnetic Materials, 2008, 320, e107-e110.	2.3	19
29	Ferromagnetism and Bound Magnetic Polaron Behavior in $(In_{1-x}Co_x)_m$ $T_j$ ETQq1 1 0.784314 rgBT / Overlock	2.1	19
30	Antiferromagnetism and the Effect of Exchange Bias in $LaCr_{1-x}Fe_xO_3$ ( $x=0.40$ to $0.60$ ). Journal of Superconductivity and Novel Magnetism, 2013, 26, 1645-1648.	1.8	19
31	Evolution of structural transition, grain growth inhibition and collinear antiferromagnetism in $(Bi_{1-x}Sm_x)FeO_3$ ( $x = 0$ to $0.3$ ) and their effects on dielectric and magnetic properties. Ceramics International, 2017, 43, 16580-16592.	4.8	19
32	Crystal structure, optical and dielectric properties of Ag:ZnO composite-like compounds. Journal of Materials Science: Materials in Electronics, 2022, 33, 2855-2868.	2.2	19
33	Linear and nonlinear AC susceptibility studies in $La(Mn_{1-x}Cu_x)O_3$ . Journal of Magnetism and Magnetic Materials, 2006, 307, 318-324.	2.3	18
34	Negative magnetization and the tunable exchange bias field in $LaCr_{0.8}Mn_{0.2}O_3$ . Journal of Magnetism and Magnetic Materials, 2014, 358-359, 208-211.	2.3	18
35	Magnetic properties of -based diluted magnetic semiconductors. Solid State Communications, 2010, 150, 1570-1574.	1.9	17
36	Crystal Structure and Magnetic Properties of (Co-Ag) co-doped $SnO_2$ Compounds. Journal of Superconductivity and Novel Magnetism, 2021, 34, 461-467.	1.8	17

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37	Optical band gap tuning, zero dielectric loss and room temperature ferromagnetism in (Ag/Mg) co-doped SnO <sub>2</sub> compounds for spintronics applications. <i>Materials Science in Semiconductor Processing</i> , 2022, 142, 106477.	4.0	17
38	Ferromagnetism and bound magnetic polaron behavior in bulk. <i>Solid State Communications</i> , 2010, 150, 739-742.	1.9	16
39	Magnetization reversal and exchange bias study in bulk Gd <sub>1-x</sub> Y <sub>x</sub> CrO <sub>3</sub> (x=0.0-1.0). <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 461, 91-99.	2.3	16
40	Impedance spectroscopy and magnetic properties of Mg doped Y-type barium hexaferrite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20206-20215.	2.2	16
41	The Effect of Co Substitution on the Crystal Structure and Electrical Resistivity of (La <sub>0.85</sub> Ag <sub>0.15</sub> )MnO <sub>3</sub> Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 651-658.	1.8	15
42	Magnetization reversal and tunable exchange bias in GdCr <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> (x=0-0.50). <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 429, 281-286.	2.3	15
43	Sign reversal of magnetization and exchange bias in Ni(Cr <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> O <sub>4</sub> (x=0-0.50). <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 426, 82-88.	2.3	15
44	Particle-size effects on the suppression of charge ordering in Nd <sub>0.8</sub> Na <sub>0.2</sub> MnO <sub>3</sub> . <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	14
45	Study of exchange bias behavior in Ni(Cr <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> O <sub>4</sub> . <i>Solid State Communications</i> , 2015, 201, 59-63.	1.9	14
46	Magnetic and Dielectric Properties of Y <sub>3-x</sub> Sm <sub>x</sub> Fe <sub>5</sub> O <sub>12</sub> (x=0.0 to 3.0). <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 2121-2129.	1.8	14
47	Ferromagnetism in Fe-doped BaTiO <sub>3</sub> Ceramics. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 1427-1433.	1.8	14
48	Magnetic and dielectric spectroscopic studies in Zn substituted Y-type barium hexaferrite. <i>Journal of Alloys and Compounds</i> , 2018, 767, 712-723.	5.5	14
49	Investigation of structural, magnetic and dielectric properties of Al-doped samarium iron garnet. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	14
50	Excess conductivity in the para coherence regime of pure and Ag doped (La <sub>1-x</sub> Y <sub>x</sub> ) <sub>2</sub> Ba <sub>2</sub> CaCu <sub>5</sub> O <sub>z</sub> superconductors. <i>Solid State Communications</i> , 2006, 140, 464-468.	1.9	13
51	Magnetic properties of Nd <sub>1-x</sub> K <sub>x</sub> MnO <sub>3</sub> compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3671-3676.	2.3	13
52	Study of impedance spectroscopy and electric modulus of PbTi <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> (x=0.0-0.3) compounds. <i>Journal of Alloys and Compounds</i> , 2017, 720, 589-598.	5.5	13
53	Sperimagnetism in Perpendicularly Magnetized Co-Tb Alloy-Based Thin Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 4027-4031.	1.8	12
54	Influence of Ti-Substitution on Structural, Magnetic and Dielectric Properties of M-Type Barium Hexaferrite. <i>Journal of Electronic Materials</i> , 2019, 48, 5062-5074.	2.2	12

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55	Exchange bias effect in Co(Cr <sub>0.925</sub> Fe <sub>0.075</sub> ) <sub>2</sub> O <sub>4</sub> . AIP Conference Proceedings, 2013, . .	0.4	11
56	Magnetic and electrical properties of Mn-substituted (La <sub>0.85</sub> Ag <sub>0.15</sub> )CoO <sub>3</sub> compounds. Journal of Magnetism and Magnetic Materials, 2019, 474, 605-612.	2.3	11
57	Effect of cation distribution and temperature variation on magnetic and dielectric properties of manganese substituted cobalt ferrites. Solid State Communications, 2021, 324, 114146.	1.9	11
58	STUDY OF STRUCTURAL, ELECTRICAL TRANSPORT AND MAGNETIC PROPERTIES IN La <sub>1-x</sub> Ag <sub>x</sub> MnO <sub>3</sub> COMPOUNDS. Modern Physics Letters B, 2004, 18, 221-231.	1.9	10
59	Exchange bias in non-collinear spin-spiral system $\text{Co}_{1-x}\text{Cr}_x\text{MnO}_3$ Materials, 2014, 371, 144-148.	2.3	10
60	Magnetization reversal and tunable exchange bias behavior in Mn-substituted NiCr <sub>2</sub> O <sub>4</sub> . Journal of Materials Science, 2018, 53, 7187-7198.	3.7	10
61	Effect of Yttrium substitution on the structural and magnetic properties of GdCrO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2018, 448, 355-359.	2.3	10
62	Influence of Cu Insertion Layer on Magnetic Properties of Co-Tb/Cu/Co-Tb Thin Films. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2891-2897.	1.8	10
63	Magnetic Property of Thin Film of Co-Tb Alloys Deposited on the Barrier Layer of Ordered Anodic Alumina Templates. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1759-1763.	1.8	10
64	Ferromagnetic insulating and spin glass behavior in Cr substituted La <sub>0.85</sub> Ag <sub>0.15</sub> MnO <sub>3</sub> compounds. Journal of Physics Condensed Matter, 2008, 20, 235201.	1.8	9
65	Magnetic properties of co-doped SnO <sub>2</sub> diluted magnetic semiconductors. Indian Journal of Physics, 2010, 84, 735-739.	1.8	9
66	Electrical transport and magnetic properties of epitaxial $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Influence of substrate (Si and glass), Cu under-layer, in situ annealing of Ta/Cu and post-annealing on magnetic properties of [Co(0.3Ånm)/Ni(0.6Ånm)] <sub>4</sub> , 10 multilayer thin films. Journal of Materials Science: Materials in Electronics, 2020, 31, 11975-11982.	2.2	9
67	Metal-insulator transition in electron-doped Ba <sub>1-x</sub> La <sub>x</sub> MnO <sub>3</sub> compounds. Pramana - Journal of Physics, 2002, 58, 1009-1012.	1.8	8
68	Study of structural, magnetic, and electrical transport properties in La <sub>1-x</sub> Cu <sub>x</sub> MnO <sub>3</sub> . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 107, 332-336.	3.5	8
69	Critical behavior studies in ferromagnetic (Nd, K)MnO <sub>3</sub> compounds. Journal of Magnetism and Magnetic Materials, 2010, 322, 3391-3395.	2.3	8
70	Structural, Optical and Magnetic Properties of Nd <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Thin Films. Physics Procedia, 2014, 54, 70-74.	1.2	8
71	Study of Exchange Bias in Mn-Doped YFeO <sub>3</sub> Compound. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2165-2170.	1.8	8

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73	Spin glass and exchange bias behavior in magnetically frustrated $\text{Ni}_{1-x}\text{Mg}_x\text{Cr}_2\text{O}_4$ ( $x=0.0$ to $0.50$ ). Journal of Magnetism and Magnetic Materials, 2020, 502, 166550.	2.3	8
74	Magnetic dynamics of charge ordered $\text{Nd}_{0.80}\text{Na}_{0.20}\text{MnO}_3$ compound. Journal of Magnetism and Magnetic Materials, 2011, 323, 2622-2626.	2.3	7
75	Ferromagnetic and Charge-Ordered Phases in $(\text{Nd}, \text{Na})\text{MnO}$ Compounds. Journal of Superconductivity and Novel Magnetism, 2011, 24, 809-814.	1.8	7
76	Effect of Post Annealing Process on Electrical and Magnetic Properties of $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Thin Films. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1571-1576.	1.8	7
77	Sign Reversal of Magnetization and Ferromagnetism in $\text{NdCr}_{1-x}\text{Mn}_x\text{O}_3$ ( $x=0$ to $0.50$ ). Journal of Superconductivity and Novel Magnetism, 2015, 28, 869-872.	1.8	7
78	Magnetic Property of $\text{CoTbNi}$ Ternary Alloy Thin Films. Journal of Superconductivity and Novel Magnetism, 2020, 33, 3165-3170.	1.8	7
79	Exchange bias and magnetization reversal in $\text{Ni}(\text{Cr}_{1-x}\text{Fe}_x)_2\text{O}_4$ ( $x=0$ to $0.20$ ). Journal of Magnetism and Magnetic Materials, 2016, 418, 300-305.	2.3	6
80	Magnetic Properties and Exchange Bias Behavior in Nanocrystalline $(\text{Ho}_{1-x}\text{Sm}_x)_2\text{CoMnO}_6$ ( $x=0$ to $0.5$ ) Double Perovskite. Journal of Magnetism and Magnetic Materials, 2021, 540, 168476.	2.3	6
81	STUDY OF ELECTRICAL TRANSPORT AND AC SUSCEPTIBILITY IN $\text{LaMn}_{1-x}\text{Cu}_x\text{O}_3$ . Modern Physics Letters B, 2005, 19, 317-330.	1.9	5
82	AC susceptibility and intergranular critical current density study in pure and Ag doped $(\text{La}_{1-x}\text{Y}_x)_2\text{Ba}_2\text{CaCu}_5\text{O}_z$ superconductors. Solid State Communications, 2006, 138, 377-381.	1.9	5
83	Study of magnetic compensation behavior in $\text{Mn}(\text{Cr}_{1-x}\text{Fe}_x)_2\text{O}_4$ . Journal of Magnetism and Magnetic Materials, 2017, 437, 42-50.	2.3	5
84	Investigation of magnetic and relaxor dielectric properties of polycrystalline gadolinium iron garnet by Bi substitution. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	5
85	Crystal Structure and Magnetic Properties of Cu-Substituted $\text{La}_{0.90}\text{Ag}_{0.10}\text{MnO}_3$ Compounds. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3995-4003.	1.8	5
86	Study of impedance, dielectric and magnetic properties in $\text{Y}_3\text{Fe}_5\text{Mn}_x\text{O}_{12}$ ( $x=0$ to $0.2$ ). Journal of Materials Science: Materials in Electronics, 2019, 30, 7815-7823.	2.2	5
87	Excess conductivity studies in the para coherence region of Bi-Sr-Ca-Cu-O superconductors. Solid State Communications, 1995, 96, 441-444.	1.9	4
88	Neutron Powder Diffraction Study in $\text{La}_{0.85}\text{Ag}_{0.15}\text{MnO}_3$ . Journal of Superconductivity and Novel Magnetism, 2011, 24, 1933-1937.	1.8	4
89	Effect of Al Substitution in Structural and Magnetic Properties of $\text{MnCr}_2\text{O}_4$ . Journal of Superconductivity and Novel Magnetism, 2018, 31, 99-106.	1.8	4
90	Influence of Cu insertion layer on magnetic property of $[\text{Co}(\text{O.3}\text{Ånm})/\text{Ni}(\text{O.6}\text{Ånm})]_{10}/\text{Cu}/[\text{Co}(\text{O.3}\text{Ånm})/\text{Ni}(\text{O.6}\text{Ånm})]_{10}$ spin valve thin films. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	4

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91	AC susceptibility study in the single-phase Bi-2223 system. European Physical Journal D, 2005, 55, 73-84.	0.4	3
92	Study of electrical transport and magnetic properties in $\text{CaMn}_{1-x}\text{Cu}_x\text{O}_3$ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 129, 54-58.	3.5	3
93	Reentrant spin glass behaviour in $\text{Nd}_{0.84}\text{K}_{0.12}\text{MnO}_3$ . Journal of Magnetism and Magnetic Materials, 2010, 322, 2038-2042.	2.3	3
94	Effect of Film Thickness in Electrical Resistivity and Magnetic Properties of $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Thin Films. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2567-2572.	1.8	3
95	Study of critical behavior in ferromagnetic $\text{LaCr}_{0.3}\text{Mn}_{0.7}\text{O}_3$ . Journal of Magnetism and Magnetic Materials, 2016, 418, 213-216.	2.3	3
96	Study of Electrical Transport and Magnetic Properties of $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{Nd}_{0.8}\text{Na}_{0.2}\text{MnO}_3$ Bilayer Thin Films. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1149-1154.	1.8	3
97	Influence of Cr substitution on magnetic and dielectric properties of gadolinium iron garnets. Solid State Communications, 2019, 300, 113690.	1.9	3
98	Effect of $\text{Al}^{3+}$ substitution on structural, magnetic and dielectric properties of cobalt ferrite synthesized by sol-gel method and its correlation with cationic distribution. Physica B: Condensed Matter, 2022, 639, 414017.	2.7	3
99	EXCESS CONDUCTIVITY IN THE MEAN FIELD AND PARACOHERENCE REGIMES OF $(\text{La}_{1.6}\text{Y}_{0.4})\text{Ba}_2\text{Ca}_{0.8}\text{Cu}_{4.8}\text{O}_z$ SUPERCONDUCTORS. Modern Physics Letters B, 2006, 20, 111-122.	1.9	2
100	ELECTRICAL RESISTIVITY AND AC SUSCEPTIBILITY STUDIES IN $\text{Sr}_{1-x}\text{La}_x\text{MnO}_3$ . Modern Physics Letters B, 2006, 20, 1517-1528.	1.9	2
101	Neutron powder diffraction studies in $\text{CaMn}_{1-x}\text{Cu}_x\text{O}_3$ ( $x = 0, 0.2$ ). Crystal Research and Technology, 2008, 43, 1318-1322.	1.3	2
102	Neutron powder diffraction study and magnetic properties in $\text{LaMn}_{1-x}\text{Cu}_x\text{O}_3$ ( $x=0.05, 0.10$ and $0.15$ ). Journal of Applied Physics, 2010, 107, 09D719.	2.5	2
103	Ferromagnetism in Mechanically Milled $\text{Sn}_{1-x}\text{Co}_x\text{O}_2$ ( $x=0$ to $0.10$ ) Compounds. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1017-1023.	1.8	2
104	Evolution of ferrimagnetism in $\text{Co}_{1-x}\text{Cr}_x\text{MnO}_3$ thin films. Materials Research Express, 2016, 418, 231-235.	2.1	2
105	Tunable Exchange Bias and Bipolar Switching of Magnetization Near Room Temperature. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2859-2865.	1.8	2
106	Effect of Film Thickness on Electrical and Magnetic Properties of $\text{Nd}_{0.8}\text{Na}_{0.2}\text{MnO}_3$ Thin Films. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2465-2470.	1.8	2
107	Anomalous low temperature electrical transport behaviour of $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin films: presence of localized magnetic moments. Materials Research Express, 2019, 6, 106436.	1.6	2
108	Investigation of negative magnetization and impedance spectroscopy of Sm-substituted gadolinium iron garnets. Materials Research Express, 2019, 6, 126113.	1.6	2

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109	Magnetocaloric effect and critical behavior of $Ni_{1-x}Mn_xCr_2O_4$ ( $x=0, 0.10, \text{ and } 0.50$ ) compounds. <i>Journal of Applied Physics</i> , 2020, 128, 233901.	2.5	2
110	Effect of chromium in magnetic and dielectric properties of inverse spinel $FeMn_2O_4$ . <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	2
111	Crystal Structure and Characterization of Pure and Ag-Doped $(La_{1-x}Y_x)_2Ba_2CaCu_5O_{z-0.5}$ Superconductors. <i>Journal of the American Ceramic Society</i> , 2007, 90, 2819-2823.		1
112	Fluctuation Magneto-Conductivity in $LaBaCaCuO$ Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007, 19, 515-520.	1.8	1
113	Neutron powder diffraction studies and magnetic properties in $Nd_{1-x}K_xMnO_3$ ( $x=0.15 \text{ and } 0.20$ ) compounds. <i>Journal of Applied Physics</i> , 2011, 109, 07E150.	2.5	1
114	Magneto-conductivity in $NdBa_2Cu_3O_{7-\delta}$ thin film. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 4663-4665.	2.1	0
115	STRUCTURAL AND MAGNETIC PROPERTIES OF NANOCRYSTALLINE $Sn_{0.98}Co_{0.02}O_2$ UNDER DIFFERENT ANNEALING CONDITIONS. <i>International Journal of Nanoscience</i> , 2011, 10, 313-317.	0.7	0
116	Structural and Magnetic Properties of $Co(Cr_{1-y}Al_y)_2O_4$ ( $y=0-0.2$ ) Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1607-1610.	1.8	0
117	Critical Behavior of Ferromagnetic Transition in $SnO_2$ -Based Diluted Magnetic Semiconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 157-164.	1.8	0
118	FERROMAGNETISM IN MECHANICALLY MILLED PURE $SnO_2$ . <i>International Journal of Modern Physics B</i> , 2013, 27, 1350025.	2.0	0
119	Coexistence of magnetic phase in $La_{0.85}Ag_{0.15}Mn_{1-y}Al_yO_3$ ( $y=0, 0.15$ ) compounds, probed by electron spin resonance. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
120	Tunable Exchange Bias Behavior Near Room Temperature in Spinel Chromite. <i>Springer Proceedings in Physics</i> , 2021, , 49-56.	0.2	0
121	Investigation of static and dynamic magnetic properties of $Ni_{0.85}Mg_{0.15}Cr_2O_4$ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 560, 169666.	2.3	0