RSingh

List of Publications by Year
in descending order

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59	358	840776 11	888059 17
papers	citations	h-index	g-index

60	60	60	339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simple synthesis of ZnO 3D-hierarchical nanostructures by microfluidics process. Journal of Materials Science: Materials in Electronics, 2022, 33, 14837-14846.	2.2	1
2	Magneto-viscosity of stable colloidal solutions of Barium-strontium hexaferrite ferrofluid. Materials Research Express, 2019, 6, 084012.	1.6	2
3	Effect of hydrothermal annealing on structure and magnetic properties of RF sputtered Mn-Zn Ferrite thin films. Materials Research Express, 2019, 6, 114001.	1.6	3
4	Magneto-viscosity of platelet shaped Ba-Sr ferrite nanoparticles based ferrofluid in different colloids. AIP Conference Proceedings, 2019, , .	0.4	0
5	FMR and Magnetic Studies of RF-Sputtered Mn-Zn Ferrite Thin Films. Journal of Superconductivity and Novel Magnetism, 2019, 32, 2679-2686.	1.8	4
6	Effect of Mn Substitution on Structure and Magnetic Properties of Cobalt Ferrite Nanoparticles. Integrated Ferroelectrics, 2019, 203, 91-96.	0.7	3
7	Structure and magnetic properties of Mn-Fe co-doped ZnO thin films deposited by RF-magnetron sputtering. AIP Conference Proceedings, 2018, , .	0.4	1
8	Magnetic and Transport Properties of Bi0.5â^'x Pr x Ca0.5MnO3(0.0 â‰¤ x â‰¤ 0.50) Manganites. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1403-1409.	1.8	2
9	Studies on the Composite System of Bi-2212 Glass Ceramic and MgB2 Superconductors. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2313-2320.	1.8	0
10	EFFECT OF POWER AND HYDROTHERMAL HEAT TREATMENT ON RF SPUTTERED COPPER OXIDE THIN FILMS. Surface Review and Letters, 2018, 25, 1950029.	1.1	1
11	Synthesis of ferrimagnetic/ferroelectric composite and its magnetic and electrical characterization. Integrated Ferroelectrics, 2018, 193, 31-35.	0.7	1
12	Study of magnetic and electrical properties of Zn<inf>0.9</inf>Mn<inf>0.1</inf>Fe<inf>2</inf>O<inf>4</inf>-BaTiO<inf>3</inf> multiferroic composites.. , 2018, , .		0
13	Effect of sintering on structure and magnetic properties of Mn-doped Zn ferrite. AIP Conference Proceedings, 2018, , .	0.4	5
14	Effect of RF Power on Structural, Magnetic, and Optical Properties of CoFe2O4 Thin Films. Journal of Superconductivity and Novel Magnetism, 2018, 31, 4029-4037.	1.8	8
15	Magneto-viscosity of hydrothermal synthesized Cu-Zn ferrite ferrofluids. AIP Advances, 2017, 7, .	1.3	3
16	Multiferroic properties of ferromagnetic and ferroelectric coupled Mn-Zn ferrite-BaTiO₃ composite. Ferroelectrics, 2017, 516, 82-89.	0.6	2
17	Structure and Magnetic Properties of Hydrothermal-Treated Cuâ€"Zn Ferrite/CuO Multilayers. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2615-2620.	1.8	1
18	Spatial Variation of Mechanical Properties of ZnO Thin Films RF-Sputtered in Various Gas Environment. International Journal of Nanoscience, 2017, 16, 1650036.	0.7	1

#	Article	IF	Citations
19	Effect of mixed gas environment on structure and optical properties of Co-doped ZnO RF- sputtered thin films. AIP Conference Proceedings, 2017, , .	0.4	1
20	Effect of hydrothermal heat treatment on magnetic properties of copper zinc ferrite rf sputtered films. AIP Advances, 2016, 6, .	1.3	5
21	Effect of Zn-doping on structural and magnetic properties of copper ferrite nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	3
22	Magnetoviscosity of Paraffin-Based Barium Ferrite Ferrofluid. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	9
23	Electron spin resonance and magnetization studies of Bi rich La-manganites. , 2015, , .		0
24	Study of magneto-viscosity of ferromagnetic MnZn-ferrite ferrofluid. , 2015, , .		0
25	Electron Spin Resonance and Magnetization Studies of Bi-Rich La-Manganites. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	0
26	Structural, Transport, and Magnetic Properties of Bismuth Oxysulfide Superconductors. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1461-1469.	1.8	1
27	Synthesis and magneto-viscosity of Mn-ferrite ferrofluid. , 2015, , .		0
28	Study of Magnetoviscosity of Ferromagnetic MnZn-Ferrite Ferrofluid. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	14
29	Structure and Properties of Ca-doped Bismuth Oxysulfide Superconductor. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3255-3265.	1.8	0
30	Effect of Pr doping on the properties of Bi0.5â^'xPrxCa0.5MnO3 (0â‰¤xâ‰¤0.50) manganites. Ceramics International, 2015, 41, 4759-4767.	4.8	6
31	Impedance due to grains in nano-crystalline Mn-Zn ferrite. , 2014, , .		0
32	Structure and mechanical properties of 3dTM ion doped RF sputtered ZnO thin films on Si (100). , 2014, , .		0
33	Effect of grain size on charge and magnetic ordering in Bi0.67Ca0.33MnO3. , 2014, , .		0
34	Crystal Structure and Magnetic Properties of Mn-Doped Zn-Ferrite Nanoparticles. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	11
35	Electron spin resonance and magnetization studies of Bi1â^'xCaxMnO3. Physica B: Condensed Matter, 2014, 448, 273-276.	2.7	10
36	Magnetic properties of ZnOâ€“TeO2â€“Fe2O3 glasses. Physica B: Condensed Matter, 2014, 448, 29-32.	2.7	5

#	Article	IF	Citations
37	Effect of thickness on structural, optical and mechanical properties of Mn doped ZnO nanocrystalline thin films RF sputtered in nitrogen gas environment. Superlattices and Microstructures, 2014, 72, 164-171.	3.1	14
38	Electron spin resonance and magnetization studies of ZnOâ€“TeO2â€“Fe2O3 glasses. Journal of Physics and Chemistry of Solids, 2013, 74, 338-343.	4.0	21
39	Effect of low oxygen pressure on structural and magnetic properties of quenched SrFe12O19 thin films. Materials Science-Poland, 2013, 31, 581-586.	1.0	1
40	Structural refinement analysis of bulk Zn-ferrite obtained from sintering of its nanoparticles. , 2013, , .		3
41	Crystal structure and magnetic properties of Zn[sub 0.9]Cu[sub 0.1]O[sub y] rf-sputtered thin films. , 2013, , .		0
42	Electron Spin Resonance Studies of Bi$_{1 - {m x}}$Ca$_{m x}$MnO$_{3}$(X geq 0.65). IEEE Transactions on Magnetics, 2012, 48, 4562-4565.	2.1	9
43	Electron spin resonance and magnetization studies of sol-gel synthesized Bi0.4Ca0.6MnO3. , 2012, , .		0
44	Effect of spacer layer thickness on optical properties of [SnO2/Mn]n and [SnO2/Co]n discontinuous multilayers. Materials Letters, 2012, 71, 157-159.	2.6	2
45	Electron spin resonance and resistivity studies of charge-ordered Bi(1â^'x)SrxMnO3. Journal of Alloys and Compounds, 2011, 509, 5127-5136.	5.5	15
46	Optical band gap tuning of discontinuous [SnO2/Mn]n multilayers. Journal of Alloys and Compounds, 2011, 509, 9318-9321.	5.5	0
47			

#	ARTICLE	IF	CITATIONS
55	Crystallization and resistivity studies on Bi4Sr3Ca3CuyOx glasses. Physica C: Superconductivity and Its Applications, 1995, 247, 221-230.	1.2	3
56	Structural and superconducting properties of Bi2Sr2Ca1â^'xCexCu2Oy. Solid State Communications, 1995, 94, 969-972.	1.9	9
57	STRUCTURAL AND SUPERCONDUCTING PROPERTIES OF Bi4Sr3Ca3CuyOw AND Bi4Sr3Ca3Cu4â^'xMxOz(M=Fe,) Tj ETQq1 1 0.784314	2.0	1
58	STRUCTURAL AND SUPERCONDUCTING PROPERTIES OF Bi2Sr2Ca1â^'xPrxCu2Oy. International Journal of Modern Physics B, 1994, 08, 2283-2292.	2.0	4
59	DC electrical conduction in semiconducting Y1â^'xPrxBa2 Cu3Oycompounds. AIP Conference Proceedings, 1992, , .	0.4	0