

RSingh

List of Publications by Year in descending order

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59
papers

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840776

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60
all docs

60
docs citations

60
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and optical properties of rf-sputtered zinc ferrite thin films. Journal of Applied Physics, 2009, 105, .	2.5	50
2	Structural and optical properties of RF-sputtered ZnFe ₂ O ₄ thin films. Journal Physics D: Applied Physics, 2009, 42, 115306.	2.8	45
3	Electron spin resonance and magnetization studies of ZnO-TeO ₂ -Fe ₂ O ₃ glasses. Journal of Physics and Chemistry of Solids, 2013, 74, 338-343.	4.0	21
4	Electron spin resonance and resistivity studies of charge-ordered Bi _{1-x} Ca _x MnO ₃ . Journal Physics D: Applied Physics, 2008, 41, 215006.	2.8	16
5	FMR studies on nanocrystalline zinc ferrite thin films. Journal of Physics: Conference Series, 2010, 200, 072090.	0.4	16
6	Electron spin resonance and resistivity studies of charge-ordered Bi(1-x)SrxMnO3. Journal of Alloys and Compounds, 2011, 509, 5127-5136.	5.5	15
7	Electrical and magnetic properties of copper tellurite glasses. Journal of Materials Science, 2010, 45, 2868-2873.	3.7	14
8	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
9	Study of Magnetoviscosity of Ferromagnetic MnZn-Ferrite Ferrofluid. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	14
10	Crystal structure and magnetic properties of rf-sputtered Cu-Zn ferrite thin films. Journal of Applied Physics, 2010, 107, .	2.5	11
11	Crystal Structure and Magnetic Properties of Mn-Doped Zn-Ferrite Nanoparticles. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	11
12	Electron spin resonance and magnetization studies of Bi _{1-x} CaxMnO ₃ . Physica B: Condensed Matter, 2014, 448, 273-276.	2.7	10
13	Structural and superconducting properties of Bi ₂ Sr ₂ Ca _{1-x} CexCu ₂ O _y . Solid State Communications, 1995, 94, 969-972.	1.9	9
14	Electron Spin Resonance Studies of Bi _{1-x} Ca _x MnO ₃ (X ≥ 0.65). IEEE Transactions on Magnetics, 2012, 48, 4562-4565.	2.1	9
15	Magnetoviscosity of Paraffin-Based Barium Ferrite Ferrofluid. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	9
16	Effect of RF Power on Structural, Magnetic, and Optical Properties of CoFe ₂ O ₄ Thin Films. Journal of Superconductivity and Novel Magnetism, 2018, 31, 4029-4037.	1.8	8
17	Effect of Pr doping on the properties of Bi _{0.5-x} Pr _x Ca _{0.5} MnO ₃ (0 ≤ x ≤ 0.50) manganites. Ceramics International, 2015, 41, 4759-4767.	4.8	6
18	Magnetic properties of ZnO-TeO ₂ -Fe ₂ O ₃ glasses. Physica B: Condensed Matter, 2014, 448, 29-32.	2.7	5

#	ARTICLE	IF	CITATIONS
19	Effect of hydrothermal heat treatment on magnetic properties of copper zinc ferrite rf sputtered films. AIP Advances, 2016, 6, .	1.3	5
20	Effect of sintering on structure and magnetic properties of Mn-doped Zn ferrite. AIP Conference Proceedings, 2018, , .	0.4	5
21	STRUCTURAL AND SUPERCONDUCTING PROPERTIES OF $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Pr}_x\text{Cu}_2\text{O}_y$. International Journal of Modern Physics B, 1994, 08, 2283-2292.	2.0	4
22	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
23	Crystallization and resistivity studies on $\text{Bi}_4\text{Sr}_3\text{Ca}_3\text{Cu}_y\text{O}_x$ glasses. Physica C: Superconductivity and Its Applications, 1995, 247, 221-230.	1.2	3
24	Thermo-Electric Power of the $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Ce}_x\text{Cu}_2\text{O}_y$ System. Modern Physics Letters B, 1998, 12, 475-488.	1.9	3
25	Structural refinement analysis of bulk Zn-ferrite obtained from sintering of its nanoparticles. , 2013, , .		3
26	Effect of Zn-doping on structural and magnetic properties of copper ferrite nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	3
27	Magneto-viscosity of hydrothermal synthesized Cu-Zn ferrite ferrofluids. AIP Advances, 2017, 7, .	1.3	3
28	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
29	Effect of Mn Substitution on Structure and Magnetic Properties of Cobalt Ferrite Nanoparticles. Integrated Ferroelectrics, 2019, 203, 91-96.	0.7	3

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#	ARTICLE	IF	CITATIONS
37	Structural, Transport, and Magnetic Properties of Bismuth Oxysulfide Superconductors. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1461-1469.	1.8	1
38	Structure and Magnetic Properties of Hydrothermal-Treated Cu ²⁺ /Zn Ferrite/CuO Multilayers. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2615-2620.	1.8	1
39	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
40	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
41	Structure and magnetic properties of Mn-Fe co-doped ZnO thin films deposited by RF-magnetron sputtering. AIP Conference Proceedings, 2018, , .	0.4	1
42	EFFECT OF POWER AND HYDROTHERMAL HEAT TREATMENT ON RF SPUTTERED COPPER OXIDE THIN FILMS. Surface Review and Letters, 2018, 25, 1950029.	1.1	1
43	Synthesis of ferrimagnetic/ferroelectric composite and its magnetic and electrical characterization. Integrated Ferroelectrics, 2018, 193, 31-35.	0.7	1
44	Simple synthesis of ZnO 3D-hierarchical nanostructures by microfluidics process. Journal of Materials Science: Materials in Electronics, 2022, 33, 14837-14846.	2.2	1
45	DC electrical conduction in semiconducting Y _{1-x} Pr _x Ba ₂ Cu ₃ O _y compounds. AIP Conference Proceedings, 1992, , .	0.4	0
46	Optical band gap tuning of discontinuous [SnO ₂ /Mn] _n multilayers. Journal of Alloys and Compounds, 2011, 509, 9318-9321.	5.5	0
47	Electron spin resonance and magnetization studies of sol-gel synthesized Bi _{0.4} Ca _{0.6} MnO ₃ . , 2012, , .		0
48	Crystal structure and magnetic properties of Zn _[sub 0.9] Cu _[sub 0.1] O _[sub y] rf-sputtered thin films. , 2013, , .		0
49	Impedance due to grains in nano-crystalline Mn-Zn ferrite. , 2014, , .		0
50	Structure and mechanical properties of 3dTM ion doped RF sputtered ZnO thin films on Si (100). , 2014, , .		0
51	Effect of grain size on charge and magnetic ordering in Bi _{0.67} Ca _{0.33} MnO ₃ . , 2014, , .		0
52	Electron spin resonance and magnetization studies of Bi rich La-manganites. , 2015, , .		0
53	Study of magneto-viscosity of ferromagnetic MnZn-ferrite ferrofluid. , 2015, , .		0
54	Electron Spin Resonance and Magnetization Studies of Bi-Rich La-Manganites. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	0

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55	Synthesis and magneto-viscosity of Mn-ferrite ferrofluid. , 2015, , .		0
56	Structure and Properties of Ca-doped Bismuth Oxysulfide Superconductor. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3255-3265.	1.8	0
57	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
58	Study of magnetic and electrical properties of $Zn_{0.9}Mn_{0.1}Fe_2O_4$ - $BaTiO_3$ multiferroic composites.. , 2018, , .		0
59	Magneto-viscosity of platelet shaped Ba-Sr ferrite nanoparticles based ferrofluid in different colloids. AIP Conference Proceedings, 2019, , .	0.4	0