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List of Publications by Year in descending order

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840776

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#	ARTICLE	IF	CITATIONS
1	Spectroscopic studies, molecular structure optimization and investigation of structural and electrical properties of novel and biodegradable Chitosan-GO polymer nanocomposites. Journal of Materials Science, 2020, 55, 14829-14847.	3.7	67
2	Electric Modulus, Scaling and Modeling of Dielectric Properties for Mn ²⁺ -Si ⁴⁺ Co-substituted Mn-Zn Ferrites. Journal of Electronic Materials, 2016, 45, 917-927.	2.2	49
3	Study of defect-induced ferromagnetism in hydrogenated anatase TiO ₂ :Co. Journal of Applied Physics, 2010, 107, .	2.5	46
4	Optical and electrical properties of biocompatible and novel (CSâ€“GO) polymer nanocomposites. Optical and Quantum Electronics, 2021, 53, 1.	3.3	39
5	Switch â€“onâ€“ and â€“offâ€“ ferromagnetic ordering through the induction and removal of oxygen vacancies and carriers in doped ZnO: A magnetization and electronic structure study. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2373-2386.	1.8	26
6	Magnetic Study of Nanocrystalline Ferrites and the Effect of Swift Heavy Ion Irradiation. Hyperfine Interactions, 2005, 160, 143-156.	0.5	25
7	Characterization of Nanocomposite Polymeric Membrane. Journal of Polymer Research, 2007, 13, 357-360.	2.4	25
8	Magnetic behaviour of Cr-substituted Fe ₂ P. Journal of Physics C: Solid State Physics, 1988, 21, 6005-6011.	1.5	20
9	Effect of mechanical milling induced strain and particle size reduction on some physical properties of polycrystalline yttrium iron garnet. Indian Journal of Physics, 2015, 89, 425-436.	1.8	19
10	Magnetic behaviour of Ni-substituted Fe ₂ P. Journal of Physics Condensed Matter, 1993, 5, 451-458.	1.8	18
11	Role of Fe-Doping on Structural, Optical and Magnetic Properties of SnO ₂ Nanoparticles. Journal of Electronic Materials, 2019, 48, 8181-8192.	2.2	17
12	Magnetic Behaviour of Nano-Particles of Ni _{0.8} Cu _{0.2} Fe ₂ O ₄ . Hyperfine Interactions, 2005, 160, 219-225.	0.5	10
13	MAGNETIC BEHAVIOR OF FUNCTIONALLY COATED SUPER-PARAMAGNETIC Ni _{0.5} Cu _{0.5} Fe ₂ O ₄ -POLYPYRROLE NANO-COMPOSITES. Modern Physics Letters B, 2010, 24, 1987-1995.	1.9	9
14	Magnetization enhancement in nanocrystalline Co _{0.4} Zn _{0.6} Fe ₂ O ₄ by 200ÂˆMeV Ag ¹⁵⁺ ion irradiation. Radiation Effects and Defects in Solids, 2011, 166, 558-563.	1.2	9
15	Impedance spectral analysis and scaling behavior of Mn ²⁺ -Si ⁴⁺ substituted Mnâ€“Zn ferrites. Materials Research Express, 2017, 4, 116301.	1.6	9
16	Magnetic behaviour of nanocrystalline Ni _{0.5} Cu _{0.5} Fe ₂ O ₄ spinel ferrite. Hyperfine Interactions, 2008, 184, 75-81.	0.5	7
17	Optical and superparamagnetic behavior of ZnFe ₂ O ₄ nanoparticles. AIP Conference Proceedings, 2018, , .	0.4	7
18	Magnetic behavior of (Fe _{0.90} Cr _{0.03} Ni _{0.07}) ₂ P and (Fe _{0.90} Cr _{0.05} Ni _{0.05}) ₂ P. Journal of Applied Physics, 1993, 73, 5701-5703.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Size dependent magnetic behavior of nanocrystalline, Ni _{0.8} Cu _{0.2} Fe ₂ O ₄ ferrite. Journal of Physics: Conference Series, 2010, 200, 072026.	0.4	6
20	Magnetic behaviour of (Fe _{0.995} Cr _{0.005}) ₂ P. Journal of Physics Condensed Matter, 1991, 3, 5393-5397.	1.8	5
21	Influence of 50 MeV Li ³⁺ -ion irradiation on M ^H loop characteristics of Y ³⁺ -substituted YIG. Radiation Effects and Defects in Solids, 2011, 166, 648-652.	1.2	5
22	200 MeV Ag ⁺¹⁵ -ion irradiation-induced modifications in structural, magnetic and dielectric properties of nanoparticles of Cu _{0.2} Zn _{0.8} Fe ₂ O ₄ ferrite. Radiation Effects and Defects in Solids, 2013, 168, 537-546.	1.2	5
23	Exploring Magnetic Behaviour in La _{0.70} Pr _{0.30} Mn _{0.8} Co _{0.2} O ₃ Perovskite. Journal of Superconductivity and Novel Magnetism, 2022, 35, 1183-1193.	1.8	5
24	ROOM TEMPERATURE FERROMAGNETISM IN Mn DOPED ZnO SEMICONDUCTOR. International Journal of Modern Physics B, 2009, 23, 2029-2040.	2.0	4
25	Oxygen vacancy induced structural and domain size-controlled magnetic behavior of La _{0.67} Ca _{0.33} MnO ₃ perovskite. Journal of Materials Science: Materials in Electronics, 2022, 33, 6829-6841.	2.2	4
26	Dielectric behaviour of nano-crystalline spinel NiO _{0.2} CaO _{0.8} Fe ₂ O ₄ and their nano-composite with polypyrrole. Bulletin of Materials Science, 2011, 34, 1305-1308.	1.7	3
27	Effect of 200 MeV Ag ⁺¹⁵ ion irradiation on magnetic and dielectric properties of nanocrystalline Zn ^{Cr} ferrite. Radiation Effects and Defects in Solids, 2013, 168, 525-531.	1.2	3
28	Influence of sodium substitution on structural and optical properties of Zn _{0.96} Mn _{0.04} O nanocrystals. , 2014, , .		3
29	Optical Band Gap Study Of Nanocrystalline NiCr _{0.8} Fe _{1.2} O ₄ Ferrite. AIP Conference Proceedings, 2008, , .	0.4	2
30	Pr Substitution at Y and Ba sites in YBCO (123) System. AIP Conference Proceedings, 2011, , .	0.4	2
31	Electronic and magnetic correlations in Mn doped ZnO nano-rods. , 2013, , .		2
32	Wasp-waisted like magnetic behavior of nanocrystalline CoFe ₂ O ₄ at 5K. AIP Conference Proceedings, 2020, , .	0.4	2
33	Dielectric Behavior of Nano sized Particles of Zn-Cr Ferrite. , 2011, , .		1
34	MAGNETIC BEHAVIOR OF FUNCTIONALLY MODIFIED SPINEL Ni _{0.4} Ca _{0.6} Fe ₂ O ₄ NANOFERRITE. International Journal of Modern Physics B, 2011, 25, 1971-1980.	0.4	1
35	TEMPERATURE DEPENDENT DIELECTRIC BEHAVIOR OF NANOCRYSTALLINE Ca FERRITE. International Journal of Modern Physics Conference Series, 2013, 22, 466-470.	0.7	1
36	Dielectric and magnetic behavior of nanocrystalline Cu _{0.4} Co _{0.6} Fe ₂ O ₄ ferrite. AIP Conference Proceedings, 2016, , .	0.4	1

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37	X-ray Absorption Spectroscopic Investigation of Ferromagnetic Ni-doped ZnO. Macromolecular Symposia, 2017, 376, 1700054.	0.7	1
38	Magnetic phase transitions in the $Fe_{1-x}Mn_xSn_2$ alloys for $0 \leq x \leq 1.0$: A Mössbauer and magnetization study. Hyperfine Interactions, 1990, 54, 711-715.	0.5	0
39	Application of Rietveld Method to the Structural Characteristics of some Bulk and Nanocrystalline Materials. , 2011, , .		0
40	Synthesis and size dependent magnetic behaviour of nanocrystalline $Cu_{0.2}Ni_{0.8}Fe_2O_4$ ferrite. , 2011, , .		0
41	Study of cation distribution in Cu-Zn ferrites. , 2013, , .		0
42	Quenching superconductivity by Zn doping in YBCO(123). , 2013, , .		0
43	Statement of retraction "Magnetic behavior of functionally modified spinel $Ni_{0.4}Ca_{0.6}Fe_2O_4$ nanoferrite. International Journal of Modern Physics B, 2014, 28, 1493001.	2.0	0
44	Structural, dielectric and magnetic behavior of nanocrystalline zinc substituted magnesium ferrite. AIP Conference Proceedings, 2015, , .	0.4	0
45	50 MeV, Li^{3+} - ion irradiation effect on magnetic ordering of Y_3+ - substituted yttrium iron garnet. AIP Conference Proceedings, 2016, , .	0.4	0
46	Magnetic and dielectric behavior of chromium substituted Co-Mg ferrite nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	0
47	Synthesis of Ni- and Co- doped ferrite nanoparticles and study of magnetic behaviour with temperature variation. AIP Conference Proceedings, 2020, , .	0.4	0
48	Structural Characteristics and Magnetic Properties of ZnO Synthesized by Sol-Gel Wet Chemical Precipitation Route. Advanced Science Letters, 2016, 22, 1017-1021.	0.2	0