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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Optical and electrical properties of biocompatible and novel (CSâ€“GO) polymer nanocomposites. Optical and Quantum Electronics, 2021, 53, 1.	3.3	39
4	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
5	Wasp-waisted like magnetic behavior of nanocrystalline CoFe ₂ O ₄ at 5K. AIP Conference Proceedings, 2020, , .	0.4	2
6	Synthesis of Ni- and Co- doped ferrite nanoparticles and study of magnetic behaviour with temperature variation. AIP Conference Proceedings, 2020, , .	0.4	0
7	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
8	Optical and superparamagnetic behavior of ZnFe ₂ O ₄ nanoparticles. AIP Conference Proceedings, 2018, , .	0.4	7
9	Impedance spectral analysis and scaling behavior of Mn ²⁺ -Si ⁴⁺ -substituted Mn ²⁺ -Zn ferrites. Materials Research Express, 2017, 4, 116301.	1.6	9
10	Xâ€“ray Absorption Spectroscopic Investigation of Ferromagnetic Ni ²⁺ -doped ZnO. Macromolecular Symposia, 2017, 376, 1700054.	0.7	1
11	50â€“MeV, Li ³⁺ - ion irradiation effect on magnetic ordering of Y ³⁺ - substituted yttrium iron garnet. AIP Conference Proceedings, 2016, , .	0.4	0
12	Magnetic and dielectric behavior of chromium substituted Co-Mg ferrite nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	0
13	Dielectric and magnetic behavior of nanocrystalline Cu _{0.4} Co _{0.6} Fe ₂ O ₄ ferrite. AIP Conference Proceedings, 2016, , .	0.4	1
14	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
15	Structural Characteristics and Magnetic Properties of ZnO Synthesized by Solâ€“Gel Wet Chemical Precipitation Route. Advanced Science Letters, 2016, 22, 1017-1021.	0.2	0
16	Structural, dielectric and magnetic behavior of nanocrystalline zinc substituted magnesium ferrite. AIP Conference Proceedings, 2015, , .	0.4	0
17	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
18	Influence of sodium substitution on structural and optical properties of Zn _{0.96} Mn _{0.04} O nanocrystals. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Statement of retraction "Magnetic behavior of functionally modified spinel Ni _{0.4} Ca _{0.6} Fe ₂ O ₄ nanoferrite. International Journal of Modern Physics B, 2014, 28, 1493001.	2.0	0
20	TEMPERATURE DEPENDENT DIELECTRIC BEHAVIOR OF NANOCRYSTALLINE Ca FERRITE. International Journal of Modern Physics Conference Series, 2013, 22, 466-470.	0.7	1
21	200 MeV Ag ⁺ 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
22	Study of cation distribution in Cu-Zn ferrites. , 2013, , .		0
23	Effect of 200 MeV Ag ⁺ 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
24	Electronic and magnetic correlations in Mn doped ZnO nano-rods. , 2013, , .		2
25	Quenching superconductivity by Zn doping in YBCO(123). , 2013, , .		0
26	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
27	Dielectric behaviour of nano-crystalline spinel Ni _{0.2} Ca _{0.8} Fe ₂ O ₄ and their nano-composite with polypyrrole. Bulletin of Materials Science, 2011, 34, 1305-1308.	1.7	3
28	Pr Substitution at Y and Ba sites in YBCO (123) System. AIP Conference Proceedings, 2011, , .	0.4	2
29	Application of Rietveld Method to the Structural Characteristics of some Bulk and Nanocrystalline Materials. , 2011, , .		0
30	Dielectric Behavior of Nano sized Particles of Zn-Cr Ferrite. , 2011, , .		1
31	Magnetization enhancement in nanocrystalline Co _{0.4} Zn _{0.6} Fe ₂ O ₄ by 200 MeV Ag ⁺ ion irradiation. Radiation Effects and Defects in Solids, 2011, 166, 558-563.	1.2	9
32	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
33	Synthesis and size dependent magnetic behaviour of nanocrystalline Cu _{0.2} Ni _{0.8} Fe ₂ O ₄ ferrite. , 2011, , .		0
34	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
35	Switch on and off 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
36	Study of defect-induced ferromagnetism in hydrogenated anatase TiO ₂ :Co. Journal of Applied Physics, 2010, 107, .	2.5	46

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37	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
38	ROOM TEMPERATURE FERROMAGNETISM IN Mn DOPED ZnO SEMICONDUCTOR. International Journal of Modern Physics B, 2009, 23, 2029-2040.	2.0	4
39	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
40	Optical Band Gap Study Of Nanocrystalline NiCr _{0.8} Fe _{1.2} O ₄ Ferrite. AIP Conference Proceedings, 2008, , .	0.4	2
41	Characterization of Nanocomposite Polymeric Membrane. Journal of Polymer Research, 2007, 13, 357-360.	2.4	25
42	Magnetic Study of Nanocrystalline Ferrites and the Effect of Swift Heavy Ion Irradiation. Hyperfine Interactions, 2005, 160, 143-156.	0.5	25
43	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
44	Magnetic behaviour of Ni-substituted Fe ₂ P. Journal of Physics Condensed Matter, 1993, 5, 451-458.	1.8	18
45	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
46	Magnetic behaviour of (Fe _{0.995} Cr _{0.005}) ₂ P. Journal of Physics Condensed Matter, 1991, 3, 5393-5397.	1.8	5
47	Magnetic phase transitions in the Fe _{1-x} Mn _x Sn ₂ alloys for 0 ≤ x ≤ 1.0: A Mössbauer and magnetization study. Hyperfine Interactions, 1990, 54, 711-715.	0.5	0
48	Magnetic behaviour of Cr-substituted Fe ₂ P. Journal of Physics C: Solid State Physics, 1988, 21, 6005-6011.	1.5	20