Banwari Lal choudhary

List of Publications by Year
in descending order

24 papers	410 citations	1040056 9 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	252 citing authors

#	Article	IF	Citations
1	Structural, optical, and surface morphological studies of ethyl cellulose/graphene oxide nanocomposites. Polymer Composites, 2020, 41, 2792-2802.	4.6	85
2	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
3	Influence of Co doping on the structural, optical and magnetic properties of ZnO nanocrystals. Journal of Alloys and Compounds, 2013, 578, 328-335.	5.5	65
4	Optical and electrical properties of biocompatible and novel (CSâ€“GO) polymer nanocomposites. Optical and Quantum Electronics, 2021, 53, 1.	3.3	39
5	Irreversible magnetic behavior with temperature variation of Ni0.5Co0.5Fe2O4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 507, 166861.	2.3	38
6	Synthesis and physical properties of nanopowder and electrical properties of bulk samples of ZnFe2-xNixO4 (x: 0, 0.05, 0.10). Advanced Powder Technology, 2020, 31, 4241-4252.	4.1	25
7	Glycol modified titanosiloxane as molecular precursor for homogenous titaniaâ€“silica material: synthesis and characterization. Journal of Sol-Gel Science and Technology, 2009, 52, 97-108.	2.4	17
8	Low temperature field dependent magnetic study of the Zn0.5Co0.5Fe2O4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2021, 536, 168102.	2.3	15
9	An efficient and stable lead-free organicâ€“inorganic tin iodide perovskite for photovoltaic device: Progress and challenges. Energy Reports, 2022, 8, 5753-5763.	5.1	14
10	Structural and morphological properties of Ce doped ZnO. , 2013, , .		11
11	Relaxation mechanism in Ni0.5Zn0.5Fe2O4 nanocrystalline ferrite at a lower temperature. Materials Letters, 2021, 304, 130731.	2.6	9
12	Exploring Magnetic Behaviour in La0.70Pr0.30Mn0.8Co0.2O3 Perovskite. Journal of Superconductivity and Novel Magnetism, 2022, 35, 1183-1193.	1.8	5
13	Magnetic Behaviour Of Bismuth Substituted Perovskites La[sub 1â^'x]Bi[sub x]Mn[sub 0.8]Co[sub 0.2]O[sub 3]. AIP Conference Proceedings, 2010, , .	0.4	4
14	Magnetic behaviour of praseodymium substituted perovskites La[sub 1-x]Pr[sub x]Mn[sub 0.8]Co[sub 0.2]O[sub 3]. AIP Conference Proceedings, 2013, , .	0.4	4
15	Oxygen vacancy induced structural and domain size-controlled magnetic behavior of La0.67Ca0.33MnO3 perovskite. Journal of Materials Science: Materials in Electronics, 2022, 33, 6829-6841.	2.2	4
16	SYNTHESIS AND CHARACTERIZATION OF PURE AND Zn-DOPED SnO2 NANOPOWDERS. International Journal of Modern Physics Conference Series, 2013, 22, 452-457.	0.7	2
17	RIXS, XES and XAS studies for electronic structure of rare earth and alkaline earth modified manganite. Physica B: Condensed Matter, 2022, 628, 413562.	2.7	2
18	TiO[sub 2]â^•PANI And MWNTâ^•PANI Composites Thin Films For Hydrogen Gas Sensing. , 2010, , .		1

#	Article	IF	Citations
19	Preparation and Magnetic Studies of Mn Substituted Analogues of BiFeO[sub 3]. , 2011, , .		1
20	Investigation of optical properties of PVA-GO nanocomposites. AIP Conference Proceedings, 2020, , .	0.4	1
21	Synthesis and Characterization of Cu Substituted Fe3O4 Nano-Particle. Advanced Electrochemistry, 2014, 2, 37-39.	0.1	1
22	Synthesis of Ni- and Co- doped ferrite nanoparticles and study of magnetic behaviour with temperature variation. AIP Conference Proceedings, 2020, , .	0.4	0
23	Performance analysis of AlGaN-LED for D-UV emission. AIP Conference Proceedings, 2020, , .	0.4	0
24	X-ray Diffraction Analysis of Zinc Sulfide Nanocrystal with Different Microstructural Parameters. , 2022, , .		0