

Deepshikha Rathore

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

251
citations

1040056

9
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of dielectric and electromagnetic shielding behaviour of BaTiO_3 - CoFe_2O_4 filled LDPE composite. Polymer Composites, 2021, 42, 819-827.	4.6	11
2	Role of calcination on dielectric properties of BaTiO_3 nanoparticles as a gas sensor. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	11
3	Effect of concentration on lattice strain, dielectric properties and activation energy of $\text{CoFe}_2\text{O}_4/\text{BaTiO}_3$ nanocomposites. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	6
4	Effect of concentration on sensing properties of $\text{CoFe}_2\text{O}_4/\text{BaTiO}_3$ nanocomposites towards LPG. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	9
5	Nanotechnology for Mitigating Impact of COVID-19. Journal of Applied Science Engineering Technology and Education, 2021, 3, 171-180.	0.3	4
6	TiO_2/PVDF -Based Polymer Nanocomposites and Their Various Characterizations. Lecture Notes in Mechanical Engineering, 2021, , 393-401.	0.4	0
7	$\text{Co}_{1-x}\text{Ba}_x\text{Fe}_2\text{O}_4$ ($x = 0, 0.25, 0.5, 0.75$ and 1) nanoferrites as gas sensor towards NO_2 and NH_3 gases. RSC Advances, 2020, 10, 35265-35272.	3.6	15
8	Effect of concentration of SiC on physicochemical properties of $\text{CoFe}_2\text{O}_4/\text{SiC}$ nanocomposites. Journal of Alloys and Compounds, 2020, 840, 155596.	5.5	14
9	A comparative study of conventional type II and inverted core-shell nanostructures based on CdSe and ZnS. Optical and Quantum Electronics, 2018, 50, 1.	3.3	6
10	Unstrained PbSe/CdSe core shell nanostructures for broad band absorber and narrow band IR emitters. Journal of Materials Science: Materials in Electronics, 2018, 29, 10214-10221.	2.2	3
11	Physicochemical properties of CuFe_2O_4 nanoparticles as a gas sensor. Journal of Materials Science: Materials in Electronics, 2018, 29, 1925-1932.	2.2	22
12	A biosensor system using nickel ferrite nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	7
13	MnFe_2O_4 as a gas sensor towards SO_2 and NO_2 gases. AIP Conference Proceedings, 2016, , .	0.4	5
14	Gas Sensing Properties of Size Varying CoFe_2O_4 Nanoparticles. IEEE Sensors Journal, 2015, 15, 4961-4966.	4.7	30
15	Size dependent strain and nanomagnetism in CoFe_2O_4 nanoparticles. Journal of Materials Science: Materials in Electronics, 2015, 26, 9355-9365.	2.2	24
16	Influence of particle size and temperature on the dielectric properties of CoFe_2O_4 nanoparticles. International Journal of Minerals, Metallurgy and Materials, 2014, 21, 408-414.	4.9	22
17	Optical and structural properties of electrodeposited polyaniline/ CdS composites. Polymer Composites, 2014, 35, 1864-1874.	4.6	9
18	Fabrication of $\text{Ni}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ ($x = 0, 0.5$ and 1) nanoparticles gas sensor for some reducing gases. Sensors and Actuators A: Physical, 2013, 199, 236-240.	4.1	25

#	ARTICLE	IF	CITATIONS
19	Structural, Magnetic and Dielectric Properties of Ni _{1-x} Zn _x Fe ₂ O ₄ Nanoparticles Synthesized by Chemical Co-Precipitation Method. ($x = 0, 0.5$ and 1) Journal of Nanoscience and Nanotechnology, 2013, 13, 1812-1819.	0.9	28