# Deepshikha Rathore

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3627704/publications.pdf

Version: 2024-02-01

| 19 | 251 | 1040056 | 940533 |
|---|---|---|---|
| papers | citations | 9 | 16 |
| | | h-index | g-index |

| 20 | 20 | 20 | 223 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gas Sensing Properties of Size Varying CoFe<sub>2</sub>O<sub>4</sub>Nanoparticles. IEEE Sensors Journal, 2015, 15, 4961-4966. | 4.7 | 30 |
| 2 | Structural, Magnetic and Dielectric Properties of Ni<SUB>1â^'<I>x</I></SUB>Zn<SUB><I>x</I></SUB>Fe<SUB>2</SUB>O<SUB&g (<I>x</I> = 0,0.5 and 1) Nanoparticles Synthesized by Chemical Co-Precipitation Method. Journal of Nanoscience and Nanotechnology, 2013, 13, 1812-1819. | 0.9 | 28 |
| 3 | Fabrication of Ni1â^'Zn Fe2O4 (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 |
| 4 | Size dependent strain and nanomagnetism in CoFe2O4 nanoparticles. Journal of Materials Science: Materials in Electronics, 2015, 26, 9355-9365. | 2.2 | 24 |
| 5 | Influence of particle size and temperature on the dielectric properties of CoFe2O4 nanoparticles. International Journal of Minerals, Metallurgy and Materials, 2014, 21, 408-414. | 4.9 | 22 |
| 6 | Physicochemical properties of CuFe2O4 nanoparticles as a gas sensor. Journal of Materials Science: Materials in Electronics, 2018, 29, 1925-1932. | 2.2 | 22 |
| 7 | Co<sub>1â^'x</sub>Ba<sub>x</sub>Fe<sub>2</sub>O<sub>4</sub> (x = 0, 0.25, 0.5, 0.75 and 1) nanoferrites as gas sensor towards NO<sub>2</sub> and NH<sub>3</sub> gases. RSC Advances, 2020, 10, 35265-35272. | 3.6 | 15 |
| 8 | Effect of concentration of SiC on physicochemical properties of CoFe2O4/SiC nanocomposites. Journal of Alloys and Compounds, 2020, 840, 155596. | 5.5 | 14 |
| 9 | Study of dielectric and electromagnetic shielding behaviour of <scp>BaTiO<sub>3</sub>â€CoFe<sub>2</sub>O<sub>4</sub></scp> filled <scp>LDPE</scp> composite. Polymer Composites, 2021, 42, 819-827. | 4.6 | 11 |
| 10 | Role of calcination on dielectric properties of BaTiO3 nanoparticles as a gas sensor. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 11 |
| 11 | Optical and structural properties of electrodeposited polyaniline/Qâ€CdS composites. Polymer Composites, 2014, 35, 1864-1874. | 4.6 | 9 |
| 12 | Effect of concentration on sensing properties of CoFe2O4/BaTiO3 nanocomposites towards LPG. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 9 |
| 13 | A biosensor system using nickel ferrite nanoparticles. AIP Conference Proceedings, 2016, , . | 0.4 | 7 |
| 14 | A comparative study of conventional type II and inverted coreâ€“shell nanostructures based on CdSe and ZnS. Optical and Quantum Electronics, 2018, 50, 1. | 3.3 | 6 |
| 15 | Effect of concentration on lattice strain, dielectric properties and activation energy of CoFe2O4/BaTiO3 nanocomposites. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 6 |
| 16 | MnFe2O4 as a gas sensor towards SO2 and NO2 gases. AIP Conference Proceedings, 2016, , . | 0.4 | 5 |
| 17 | Nanotechnology for Mitigating Impact of COVID-19. Journal of Applied Science Engineering Technology and Education, 2021, 3, 171-180. | 0.3 | 4 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | TiO2/PVDF-Based Polymer Nanocomposites and Their Various Characterizations. Lecture Notes in Mechanical Engineering, 2021, , 393-401. | 0.4 | 0 |