

# Banwari Lal choudhary

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | RIXS, XES and XAS studies for electronic structure of rare earth and alkaline earth modified manganite. <i>Physica B: Condensed Matter</i> , 2022, 628, 413562.   | 2.7 | 2         |
| 2  | Oxygen vacancy induced structural and domain size-controlled magnetic behavior of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> perovskite. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6829-6841.     | 2.2 | 4         |
| 3  | Exploring Magnetic Behaviour in La <sub>0.70</sub> Pr <sub>0.30</sub> Mn <sub>0.8</sub> Co <sub>0.2</sub> O <sub>3</sub> Perovskite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2022, 35, 1183-1193.                           | 1.8 | 5         |
| 4  | An efficient and stable lead-free organic-inorganic tin iodide perovskite for photovoltaic device: Progress and challenges. <i>Energy Reports</i> , 2022, 8, 5753-5763.   | 5.1 | 14        |
| 5  | X-ray Diffraction Analysis of Zinc Sulfide Nanocrystal with Different Microstructural Parameters. , 2022, , .   |     | 0         |
| 6  | Low temperature field dependent magnetic study of the Zn <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 536, 168102.                               | 2.3 | 15        |
| 7  | Relaxation mechanism in Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanocrystalline ferrite at a lower temperature. <i>Materials Letters</i> , 2021, 304, 130731.  | 2.6 | 9         |
| 8  | Optical and electrical properties of biocompatible and novel (CS-GO) polymer nanocomposites. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.  | 3.3 | 39        |
| 9  | Synthesis and physical properties of nanopowder and electrical properties of bulk samples of ZnFe <sub>2-x</sub> Ni <sub>x</sub> O <sub>4</sub> (x: 0, 0.05, 0.10). <i>Advanced Powder Technology</i> , 2020, 31, 4241-4252.                  | 4.1 | 25        |
| 10 | Investigation of optical properties of PVA-GO nanocomposites. <i>AIP Conference Proceedings</i> , 2020, , .   | 0.4 | 1         |
| 11 | Spectroscopic studies, molecular structure optimization and investigation of structural and electrical properties of novel and biodegradable Chitosan-GO polymer nanocomposites. <i>Journal of Materials Science</i> , 2020, 55, 14829-14847. | 3.7 | 67        |
| 12 | Irreversible magnetic behavior with temperature variation of Ni <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 507, 166861.                        | 2.3 | 38        |
| 13 | Structural, optical, and surface morphological studies of ethyl cellulose/graphene oxide nanocomposites. <i>Polymer Composites</i> , 2020, 41, 2792-2802.   | 4.6 | 85        |
| 14 | Synthesis of Ni- and Co- doped ferrite nanoparticles and study of magnetic behaviour with temperature variation. <i>AIP Conference Proceedings</i> , 2020, , .  | 0.4 | 0         |
| 15 | Performance analysis of AlGaIn-LED for D-UV emission. <i>AIP Conference Proceedings</i> , 2020, , .   | 0.4 | 0         |
| 16 | Synthesis and Characterization of Cu Substituted Fe <sub>3</sub> O <sub>4</sub> Nano-Particle. <i>Advanced Electrochemistry</i> , 2014, 2, 37-39.   | 0.1 | 1         |
| 17 | Influence of Co doping on the structural, optical and magnetic properties of ZnO nanocrystals. <i>Journal of Alloys and Compounds</i> , 2013, 578, 328-335.   | 5.5 | 65        |
| 18 | Structural and morphological properties of Ce doped ZnO. , 2013, , .  |     | 11        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Magnetic behaviour of praseodymium substituted perovskites $\text{La}_{1-x}\text{Pr}_x\text{Mn}_{0.8}\text{Co}_{0.2}\text{O}_3$ . AIP Conference Proceedings, 2013, , .                    | 0.4 | 4         |
| 20 | SYNTHESIS AND CHARACTERIZATION OF PURE AND Zn-DOPED $\text{SnO}_2$ NANOPOWDERS. International Journal of Modern Physics Conference Series, 2013, 22, 452-457.                              | 0.7 | 2         |
| 21 | Preparation and Magnetic Studies of Mn Substituted Analogues of $\text{BiFeO}_3$ . , 2011, , .   |     | 1         |
| 22 | $\text{TiO}_2$ •PANI And MWNT•PANI Composites Thin Films For Hydrogen Gas Sensing. , 2010, , .   |     | 1         |
| 23 | Magnetic Behaviour Of Bismuth Substituted Perovskites $\text{La}_{1-x}\text{Bi}_x\text{Mn}_{0.8}\text{Co}_{0.2}\text{O}_3$ . AIP Conference Proceedings, 2010, , .                         | 0.4 | 4         |
| 24 | Glycol modified titanosiloxane as molecular precursor for homogenous titania•silica material: synthesis and characterization. Journal of Sol-Gel Science and Technology, 2009, 52, 97-108. | 2.4 | 17        |