

Raja Manickam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6408034/publications.pdf>

Version: 2024-02-01

26
papers

417
citations

840776

11
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

596
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Stable and durable CH ₃ NH ₃ PbI ₃ perovskite solar cells at ambient conditions. <i>Nanotechnology</i> , 2016, 27, 235404. | 2.6 | 61 |
| 2 | Improve the power conversion efficiency of perovskite BaSnO ₃ nanostructures based dye-sensitized solar cells by Fe doping. <i>Solar Energy Materials and Solar Cells</i> , 2017, 166, 69-77. | 6.2 | 51 |
| 3 | Efficiency enhancement of cubic perovskite BaSnO ₃ nanostructures based dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8468-8478. | 2.8 | 48 |
| 4 | Effect of (Li, Mn) co-doping on structural, optical and magnetic properties of chunk-shaped nano ZnO. <i>Journal of Alloys and Compounds</i> , 2014, 614, 151-164. | 5.5 | 39 |
| 5 | Boosting photo charge carrier transport properties of perovskite BaSnO ₃ photoanodes by Sr doping for enhanced DSSCs performance. <i>Electrochimica Acta</i> , 2019, 296, 771-782. | 5.2 | 33 |
| 6 | Influence of Mn ion on flower shaped perovskite BaTiO ₃ nanostructures based dye-sensitized solar cell. <i>Nano Structures Nano Objects</i> , 2017, 9, 19-25. | 3.5 | 23 |
| 7 | Influence of Sr doping on structural, optical and magnetic properties of TiO ₂ nanoparticles. <i>Materials Letters</i> , 2015, 161, 520-522. | 2.6 | 22 |
| 8 | Anomalous Hall and Nernst effects in ferrimagnetic Mn ₄ N films: Possible interpretations and prospects for enhancement. <i>Applied Physics Letters</i> , 2021, 118, . | 3.3 | 22 |
| 9 | On the structural and optical properties of nano-ZnO and its morphologies. <i>Journal of Luminescence</i> , 2014, 146, 226-233. | 3.1 | 18 |
| 10 | Effect of Mn-doping on the structural, morphological and optical properties of ZnO nanorods. <i>Superlattices and Microstructures</i> , 2014, 65, 240-247. | 3.1 | 16 |
| 11 | Structural and optical properties of MnO ₂ nanowires and MnO ₂ nanorods. <i>AIP Conference Proceedings</i> , 2014, , . | 0.4 | 14 |
| 12 | Magnetic Properties in CH ₃ NH ₃ PbI ₃ Perovskite Thin Films by Mn Doping. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20104-20112. | 3.1 | 12 |
| 13 | Influence of Ti dopant on the properties and dye sensitized solar cell performance of ZnO chunk-shaped nanostructures. <i>Organic Electronics</i> , 2014, 15, 2302-2310. | 2.6 | 11 |
| 14 | Effect of iron doping on magnetic and electrical properties of BaSnO ₃ nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 19880-19888. | 2.2 | 10 |
| 15 | Efficient current-driven magnetization switching owing to isotropic magnetism in a highly symmetric 111-oriented Mn ₄ N epitaxial single layer. <i>AIP Advances</i> , 2021, 11, . | 1.3 | 10 |
| 16 | Effect of Co on the magnetic and gas sensing properties of SnO ₂ nanoparticles. <i>Journal of Applied Physics</i> , 2017, 122, . | 2.5 | 6 |
| 17 | Theoretical and experimental investigation on enhanced thermal behaviour in chunk-shaped nano ZnO. <i>Molecular Physics</i> , 2014, 112, 142-150. | 1.7 | 4 |
| 18 | Eosin yellowish dye sensitized solid state solar cells with titanium dioxide electrodes composed of nanoparticles/nanowires. <i>Journal of Electroanalytical Chemistry</i> , 2016, 767, 174-181. | 3.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Structural and dielectric studies of Ce doped BaSnO ₃ perovskite nanostructures. AIP Conference Proceedings, 2018, , . | 0.4 | 4 |
| 20 | Structural and dielectric studies on Ag doped nano ZnSnO ₃ . AIP Conference Proceedings, 2018, , . | 0.4 | 3 |
| 21 | Structural, morphological and Raman studies on hybridized PVDF/BaTiO ₃ nanocomposites. AIP Conference Proceedings, 2017, , . | 0.4 | 2 |
| 22 | Effect of Li doping on the magnetic properties of ZnO nanomaterials. , 2013, , . | | 1 |
| 23 | Thermal Studies on SnO ₂ Nanoparticles. Advanced Materials Research, 0, 678, 67-71. | 0.3 | 1 |
| 24 | Electrical studies on perovskite BaSnO ₃ nanostructures. , 2014, , . | | 1 |
| 25 | On the ZnO/graphene quantum dots (GQDs) based dye sensitized solar cells. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 26 | On the possibility of room temperature ferromagnetism on chunk-shape BaSnO ₃ /ZnO core/shell nanostructures. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |