

Hong-Di Zhang

List of Publications by Year in descending order

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23
papers

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623574

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times ranked

1293
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Color Manipulation of Intense Multiluminescence from CaZnOS:Mn ²⁺ by Mn ²⁺ Concentration Effect. Chemistry of Materials, 2015, 27, 7481-7489. | 3.2 | 149 |
| 2 | Recent advances in flexible and stretchable electronic devices via electrospinning. Journal of Materials Chemistry C, 2014, 2, 1209-1219. | 2.7 | 144 |
| 3 | Eu ²⁺ /Eu ³⁺ -emission-ratio-tunable CaZr(PO ₄) ₂ :Eu phosphors synthesized in air atmosphere for potential white light-emitting deep UV LEDs. Journal of Materials Chemistry C, 2014, 2, 312-318. | 2.7 | 105 |
| 4 | Hierarchical PVDF-HFP/ZnO composite nanofiber-based highly sensitive piezoelectric sensor for wireless workout monitoring. Advanced Composites and Hybrid Materials, 2022, 5, 766-775. | 9.9 | 80 |
| 5 | Transparent Polyurethane Nanofiber Air Filter for High-Efficiency PM2.5 Capture. Nanoscale Research Letters, 2019, 14, 361. | 3.1 | 47 |
| 6 | Solventless electrospinning of ultrathin polycyanoacrylate fibers. Polymer Chemistry, 2013, 4, 5696. | 1.9 | 42 |
| 7 | Electrospun Aligned Fibrous Arrays and Twisted Ropes: Fabrication, Mechanical and Electrical Properties, and Application in Strain Sensors. Nanoscale Research Letters, 2015, 10, 475. | 3.1 | 30 |
| 8 | Fabrication of p-type ZnO nanofibers by electrospinning for field-effect and rectifying devices. Applied Physics Letters, 2014, 104, 042105. | 1.5 | 25 |
| 9 | Electrospun anatase TiO ₂ nanorods for flexible optoelectronic devices. RSC Advances, 2014, 4, 46152-46156. | 1.7 | 24 |
| 10 | Electrospun PEDOT:PSS/PVP Nanofibers for CO Gas Sensing with Quartz Crystal Microbalance Technique. International Journal of Polymer Science, 2016, 2016, 1-6. | 1.2 | 20 |
| 11 | Effect of Ce doping on the optoelectronic and sensing properties of electrospun ZnO nanofibers. RSC Advances, 2016, 6, 85727-85734. | 1.7 | 20 |
| 12 | Effects of Ce doping and humidity on UV sensing properties of electrospun ZnO nanofibers. Journal of Applied Physics, 2017, 122, . | 1.1 | 18 |
| 13 | Magnetic anisotropy and magnetization enhancement of Gd ³⁺ -doped SmFeO ₃ . Journal of Magnetism and Magnetic Materials, 2019, 476, 568-573. | 1.0 | 17 |
| 14 | Electrospun ZnO/SiO ₂ hybrid nanofibers for flexible pressure sensor. Journal Physics D: Applied Physics, 2018, 51, 085102. | 1.3 | 16 |
| 15 | Fabrication and piezoelectric-pyroelectric properties of electrospun PVDF/ZnO composite fibers. Materials Research Express, 2020, 7, 095502. | 0.8 | 13 |
| 16 | Flexible Polyaniline/Poly(methyl methacrylate) Composite Fibers via Electrospinning and In Situ Polymerization for Ammonia Gas Sensing and Strain Sensing. Journal of Nanomaterials, 2016, 2016, 1-8. | 1.5 | 11 |
| 17 | Enhanced simulated solar sono-photocatalytic performance and antibacterial activities of ZnO/NiO heterojunction nanofibrous membranes. Ceramics International, 2022, 48, 9442-9449. | 2.3 | 10 |
| 18 | Multicolor Tuning in Room-Temperature Self-Activated Ca ₂ Nb ₂ O ₇ Submicroplates by Lanthanide Doping. ChemPhysChem, 2017, 18, 269-273. | 1.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Primary Cerebellar Paraganglioma: A Pediatric Case Report and Review of the Literature. <i>Pediatric Neurology</i> , 2014, 50, 303-306. | 1.0 | 8 |
| 20 | Electrical transport properties of an isolated CdS microrope composed of twisted nanowires. <i>Nanoscale Research Letters</i> , 2015, 10, 21. | 3.1 | 7 |
| 21 | Simple piezoelectric ceramic generator-based electrospinning apparatus. <i>RSC Advances</i> , 2016, 6, 66252-66255. | 1.7 | 7 |
| 22 | Preparation of arrayed helical micro/nanofibers by near-field electrospinning. <i>Materials Research Express</i> , 2019, 6, 025042. | 0.8 | 5 |
| 23 | Electrospun zinc oxide nanofibers for UV sensing with quartz crystal microbalance technique. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150042. | 1.0 | 2 |