Hong-Di Zhang

List of Publications by Year
in descending order

23	809	623574	642610
papers	citations	14 h-index	23 g-index

23	23	23	1293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical PVDF-HFP/ZnO composite nanofiberâ€“based highly sensitive piezoelectric sensor for wireless workout monitoring. Advanced Composites and Hybrid Materials, 2022, 5, 766-775.	9.9	80
2	Enhanced simulated solar sono-photocatalytic performance and antibacterial activities of ZnO/NiO heterojunction nanofibrous membranes. Ceramics International, 2022, 48, 9442-9449.	2.3	10
3	Electrospun zinc oxide nanofibers for UV sensing with quartz crystal microbalance technique. International Journal of Modern Physics B, 2021, 35, 2150042.	1.0	2
4	Fabrication and piezoelectric-pyroelectric properties of electrospun PVDF/ZnO composite fibers. Materials Research Express, 2020, 7, 095502.	0.8	13
5	Transparent Polyurethane Nanofiber Air Filter for High-Efficiency PM2.5 Capture. Nanoscale Research Letters, 2019, 14, 361.	3.1	47
6	Preparation of arrayed helical micro/nanofibers by near-field electrospinning. Materials Research Express, 2019, 6, 025042.	0.8	5
7	Magnetic anisotropy and magnetization enhancement of Gd3+-doped SmFeO3. Journal of Magnetism and Magnetic Materials, 2019, 476, 568-573.	1.0	17
8	Electrospun ZnO/SiO₂ hybrid nanofibers for flexible pressure sensor. Journal Physics D: Applied Physics, 2018, 51, 085102.	1.3	16
9	Multicolor Tuning in Roomâ€Temperature Selfâ€Activated Ca₂Nb₂O₇ Submicroplates by Lanthanide Doping. ChemPhysChem, 2017, 18, 269-273.	1.0	9
10	Effects of Ce doping and humidity on UV sensing properties of electrospun ZnO nanofibers. Journal of Applied Physics, 2017, 122, .	1.1	18
11	Flexible Polyaniline/Poly(methyl methacrylate) Composite FibersviaElectrospinning and In Situ Polymerization for Ammonia Gas Sensing and Strain Sensing. Journal of Nanomaterials, 2016, 2016, 1-8.	1.5	11
12	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
13	Simple piezoelectric ceramic generator-based electrospinning apparatus. RSC Advances, 2016, 6, 66252-66255.	1.7	7
14	Effect of Ce doping on the optoelectronic and sensing properties of electrospun ZnO nanofibers. RSC Advances, 2016, 6, 85727-85734.	1.7	20
15	Electrical transport properties of an isolated CdS microrope composed of twisted nanowires. Nanoscale Research Letters, 2015, 10, 21.	3.1	7
16	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
17	Color Manipulation of Intense Multiluminescence from CaZnOS:Mn²⁺ by Mn²⁺ Concentration Effect. Chemistry of Materials, 2015, 27, 7481-7489.	3.2	149
18	Fabrication of p-type ZnO nanofibers by electrospinning for field-effect and rectifying devices. Applied Physics Letters, 2014, 104, 042105.	1.5	25

#	Article	IF	Citations
19	Recent advances in flexible and stretchable electronic devices via electrospinning. Journal of Materials Chemistry C, 2014, 2, 1209-1219.	2.7	144
20	Electrospun anatase TiO₂nanorods for flexible optoelectronic devices. RSC Advances, 2014, 4, 46152-46156.	1.7	24
21	Eu²⁺/Eu³⁺-emission-ratio-tunable CaZr(PO₄)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
22	Primary Cerebellar Paraganglioma: A Pediatric Case Report and Review of the Literature. Pediatric Neurology, 2014, 50, 303-306.	1.0	8
23	Solventless electrospinning of ultrathin polycyanoacrylate fibers. Polymer Chemistry, 2013, 4, 5696.	1.9	42