Zhiyong Zhang

List of Publications by Year
in descending order

12	378	1040056 9	1281871 11
papers	citations	h-index	g-index

12	12	12	624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel SnO2@ZnO hierarchical nanostructures for highly sensitive and selective NO2 gas sensing. Sensors and Actuators B: Chemical, 2018, 257, 714-727.	7.8	157
2	Enhanced radar and infrared compatible stealth properties in hierarchical SnO2@ZnO nanostructures. Ceramics International, 2017, 43, 3443-3447.	4.8	52
3	Microwave-assistant hydrothermal synthesis of SnO 2 @ZnO hierarchical nanostructures enhanced photocatalytic performance under visible light irradiation. Materials Research Bulletin, 2018, 106, 74-80.	5.2	38
4	Fabrication and optical properties of needle-like ZnO array by a simple hydrothermal process. Materials Letters, 2012, 66, 246-249.	2.6	31
5	Preparation and electrochemical performance of bramble-like ZnO array as anode materials for lithium-ion batteries. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	25
6	New strategy towards the assembly of hierarchical heterostructures of SnO₂/ZnO for NO₂ detection at a ppb level. Inorganic Chemistry Frontiers, 2019, 6, 2801-2809.	6.0	24
7	Ultrasensitive NO2 gas sensor based on Sb-doped SnO2 covered ZnO nano-heterojunction. Journal of Materials Science, 2021, 56, 7348-7356.	3.7	17
8	Hydrothermal synthesis and photoluminescence properties of SnO2 nanowire array and pinecone-like nanoparticles on ITO substrate. Materials Letters, 2016, 165, 243-246.	2.6	12
9	Facile synthesis of oil adsorbent carbon microtubes by pyrolysis of plant tissues. Journal of Materials Science, 2019, 54, 9352-9361.	3.7	12
10	Carbon nanotubes-reinforced preparation of flat MoS2 nanomaterials: Co-enhancement of acoustic exfoliation efficiency and dye removal capacity. FlatChem, 2021, 30, 100312.	5.6	7
11	Preparation and Growth Mechanism of Chrysanthemum-Like ZnO Nanowire Clusters. Journal of Nanoscience and Nanotechnology, 2013, 13, 1418-1422.	0.9	3
12	Effect of Sn/Zn ratio on structure and photoluminescence properties of SnO₂@ZnO composites. Integrated Ferroelectrics, 2018, 189, 189-196.	0.7	0