

Zain Ul Abideen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

583
citations

933264

10
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Excellent gas detection of ZnO nanofibers by loading with reduced graphene oxide nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1499-1507.	4.0	112
2	Sensing behavior to ppm-level gases and synergistic sensing mechanism in metal-functionalized rGO-loaded ZnO nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1884-1896.	4.0	100
3	Electrospun Metal Oxide Composite Nanofibers Gas Sensors: A Review. <i>Journal of the Korean Ceramic Society</i> , 2017, 54, 366-379.	1.1	90
4	Grain-Size-Tuned Highly H ₂ -Selective Chemiresistive Sensors Based on ZnO@SnO ₂ Composite Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2486-2494.	4.0	83
5	An ultra-sensitive hydrogen gas sensor using reduced graphene oxide-loaded ZnO nanofibers. <i>Chemical Communications</i> , 2015, 51, 15418-15421.	2.2	81
6	Influence of hollowness variation on the gas-sensing properties of ZnO hollow nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 698-704.	4.0	41
7	Optimization of metal nanoparticle amount on SnO ₂ nanowires to achieve superior gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 374-380.	4.0	30
8	Improvement of Toluene-Sensing Performance of SnO ₂ Nanofibers by Pt Functionalization. <i>Sensors</i> , 2016, 16, 1857.	2.1	21
9	Graphene-loaded tin oxide nanofibers: optimization and sensing performance. <i>Nanotechnology</i> , 2017, 28, 035501.	1.3	14
10	Crystallinity dependent gas-sensing abilities of ZnO hollow fibers. <i>Metals and Materials International</i> , 2016, 22, 942-946.	1.8	11