

Yanan Guo

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

236
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	CdS/ZnO Core/Shell Nanowire-Built Films for Enhanced Photodetecting and Optoelectronic Gas-Sensing Applications. <i>Advanced Optical Materials</i> , 2014, 2, 738-745.	7.3	90
2	Surface Superoxide Complex Defects-Boosted Ultrasensitive ppb-Level NO ₂ Gas Sensors. <i>Small</i> , 2016, 12, 1420-1424.	10.0	62
3	Sensitive, Selective, and Fast Detection of ppb-Level H ₂ S Gas Boosted by ZnO-CuO Mesocrystal. <i>Nanoscale Research Letters</i> , 2016, 11, 475.	5.7	40
4	Gas Adsorption Thermodynamics Deduced from the Electrical Responses in Gas-Gated Field-Effect Nanosensors. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14703-14710.	3.1	13
5	Simple metal/SiO ₂ /Si planar photodetector utilizing leakage current flows through a SiO ₂ layer. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2045-2050.	5.5	11
6	Ultrasensitive, Real-time and Discriminative Detection of Improvised Explosives by Chemiresistive Thin-film Sensory Array of Mn ²⁺ Tailored Hierarchical ZnS. <i>Scientific Reports</i> , 2016, 6, 25588.	3.3	10
7	Micro-Schottky Junction-Boosted Efficient Charge Transducing for Ultrasensitive NO ₂ Sensing. <i>Advanced Materials Technologies</i> , 2021, 6, .	5.8	9
8	Gas Sensors: CdS/ZnO Core/Shell Nanowire-Built Films for Enhanced Photodetecting and Optoelectronic Gas-Sensing Applications (<i>Advanced Optical Materials</i> 8/2014). <i>Advanced Optical Materials</i> , 2014, 2, 737-737.	7.3	1