Zhou Li

List of Publications by Year
in descending order

14	416	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced ethanol sensing of Ni-doped SnO2 hollow spheres synthesized by a one-pot hydrothermal method. Sensors and Actuators B: Chemical, 2017, 243, 96-103.	7.8	86
2	Superior NO₂ Sensing of MOF-Derived Indium-Doped ZnO Porous Hollow Cages. ACS Applied Materials & Interfaces, 2020, 12, 37489-37498.	8.0	84
3	MOF-derived Au-loaded Co3O4 porous hollow nanocages for acetone detection. Sensors and Actuators B: Chemical, 2021, 344, 130182.	7.8	44
4	Drastically Enhanced Ammonia Sensing of Pt/ZnO Ordered Porous Ultra-Thin Films. Sensors and Actuators B: Chemical, 2020, 317, 128217.	7.8	36
5	Selective detection of parts-per-billion H2S with Pt-decorated ZnO nanorods. Sensors and Actuators B: Chemical, 2021, 333, 129545.	7.8	35
6	Synthesis and gas sensing properties of NiO/ZnO heterostructured nanowires. Journal of Alloys and Compounds, 2021, 877, 160189.	5.5	30
7	Synthesis and enhanced NO2-sensing properties of ZnO-decorated SnO2 microspheres. Materials Letters, 2019, 236, 570-573.	2.6	25
8	Potentiometric hydrogen sensing of ordered SnO2 thin films. Sensors and Actuators B: Chemical, 2020, 321, 128505.	7.8	19
9	Amine-functionalized metal-organic framework ZIF-8 toward colorimetric CO2 sensing in indoor air environment. Sensors and Actuators B: Chemical, 2021, 344, 130313.	7.8	15
10	In-situ synthesized N-doped ZnO for enhanced CO2 sensing: Experiments and DFT calculations. Sensors and Actuators B: Chemical, 2022, 357, 131359.	7.8	15
11	Well-connected ZnO nanoparticle network fabricated by in-situ annealing of ZIF-8 for enhanced sensitivity in gas sensing application. Sensors and Actuators B: Chemical, 2021, 344, 130180.	7.8	12
12	Highly Responsive and Selective Ethanol Gas Sensor Based on Co3O4-Modified SnO2 Nanofibers. Chinese Journal of Chemical Physics, 2017, 30, 474-478.	1.3	9
13	Detection of vapors from overheated PVC cables with modified sea urchin-like ZnO for fire warning. Sensors and Actuators B: Chemical, 2022, 350, 130841.	7.8	5
14	A new chemresistive NO2 sensing material: Hafnium diboride. Ceramics International, 2022, 48, 6835-6841.	4.8	1