Changlong Chen

List of Publications by Year
in descending order

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		759233	794594
19	519	12	19
papers	citations	h-index	g-index

19	19	19	924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SnO2 nanocrystals with abundant oxygen vacancies: Preparation and room temperature NO2 sensing. Journal of Alloys and Compounds, 2016, 681, 43-49.	5.5	92
2	Lotus-Root-Like In₂O₃ Nanostructures:â€‰ Fabrication, Characterization, and Photoluminescence Properties. Journal of Physical Chemistry C, 2007, 111, 13398-13403.	3.1	86
3	Synergistic Effect of Si Doping and Heat Treatments Enhances the Photoelectrochemical Water Oxidation Performance of TiO₂ Nanorod Arrays. Advanced Functional Materials, 2017, 27, 1701575.	14.9	73
4	In₂O₃ Nanocrystals with a Tunable Size in the Range of 4â^'10 nm:â€‰ One-Step Synthesis, Characterization, and Optical Properties. Journal of Physical Chemistry C, 2007, 111, 18039-18043.	3.1	43
5	Morphology-controlled In₂O₃ nanostructures enhance the performance of photoelectrochemical water oxidation. Nanoscale, 2015, 7, 3683-3693.	5.6	37
6	Indium oxide nanocrystals: Capping-agent-free synthesis, size-control mechanism, and high gas-sensing performance. Materials Chemistry and Physics, 2011, 125, 299-304.	4.0	23
7	Morphology-controlled self-assembly of a ferroceneâ€“porphyrin based NO₂ gas sensor: tuning the semiconducting nature via solventâ€“solute interaction. Journal of Materials Chemistry C, 2016, 4, 10471-10478.	5.5	23
8	Yttrium doping enhances the photoelectrochemical water splitting performance of ZnO nanorod array films. Journal of Alloys and Compounds, 2022, 896, 163144.	5.5	21
9	Morphology-controlled Î±-Fe2O3 nanostructures on FTO substrates for photoelectrochemical water oxidation. Journal of Alloys and Compounds, 2017, 715, 230-236.	5.5	20
10	Room temperature NO2 sensor based on highly ordered porphyrin nanotubes. Journal of Colloid and Interface Science, 2016, 474, 51-57.	9.4	17
11	Indium oxide octahedrons based on solâ€“gel process enhance room temperature gas sensing performance. Journal of Alloys and Compounds, 2015, 637, 55-61.	5.5	16
12	Visible-light-driven photoelectrochemical water oxidation with Al doped TiO2 nanorod arrays. Journal of Alloys and Compounds, 2019, 790, 99-108.	5.5	13
13	Hydrothermal deposition of tungsten oxide monohydrate films and room temperature gas sensing performance. Journal of Alloys and Compounds, 2016, 656, 326-331.	5.5	11
14	Fluorine and tin co-doping synergistically improves the photoelectrochemical water oxidation performance of TiO2 nanorod arrays by enhancing the ultraviolet light conversion efficiency. Dalton Transactions, 2019, 48, 12096-12104.	3.3	11
15	Comparative NO2-sensing in cobalt and metal-free porphyrin nanotubes. Journal of Colloid and Interface Science, 2017, 490, 129-136.	9.4	10
16	One-dimensional ZnO micro/nanostructures: deep insight into the growth mechanism and fine control of the microscopic morphology. Dalton Transactions, 2021, 50, 3011-3019.	3.3	9
17	Growth of Indium Oxide Nanowalls on Patterned Conducting Substrates: Towards Direct Fabrication of Gas Sensors. Chemistry - an Asian Journal, 2012, 7, 1018-1025.	3.3	7
18	Multifunctional Magnetic Hydrogels Fabricated by Iron Oxide Nanoparticles Mediated Radical Polymerization. ACS Applied Polymer Materials, 2022, 4, 4373-4381.	4.4	4

#	Article	IF	Citations
19	Thin films composed of Zr-doped In₂O₃ grains rich in fracture surfaces and cracks for photoelectrochemical water oxidation. Dalton Transactions, 2022, 51, 2041-2049.	3.3	3