Wangyang Yang

List of Publications by Year
in descending order

13	123	1684188 5	1281871 11
papers	citations	h-index	g-index

13	13	13	184
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of near-surface electron trapping layer on the acetone sensing performance of black TiO₂ capped with ZnO. Nanotechnology, 2022, 33, 275712.	2.6	3
2	Improving TiO2 gas sensing selectivity to acetone and other gases via a molecular imprinting method. Nanotechnology, 2021, 32, 155503.	2.6	6
3	Enhanced visible light-driven photodegradation of rhodamine B by Ti3+ self-doped TiO2@Ag nanoparticles prepared using Ti vapor annealing. Journal of Materials Science, 2020, 55, 701-712.	3.7	23
4	Temperature Effect of Nano-Structure Rebuilding on Removal of DWS mc-Si Marks by Ag/Cu MACE Process and Solar Cell. Energies, 2020, 13, 4890.	3.1	4
5	Enhanced acetone sensing performance in black TiO2 by Ag modification. Journal of Materials Science, 2020, 55, 10399-10411.	3.7	20
6	Formation of Inverted Pyramidâ€Like Submicron Structures on Multicrystalline Silicon Using Nitric Acid as Oxidant in Metal Assisted Chemical Etching Process. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800636.	1.8	3
7	Performance of p+layer formed by B diffusion using boron paper. Materials Research Express, 2018, 5, 035902.	1.6	3
8	Passivation properties of alumina for multicrystalline silicon nanostructure prepared by spin-coating method. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	5
9	Impact of thiourea concentration on the properties of solâ€“gel derived Zn(O,S) thin films and Cu(In,Ga)Se2 solar cells. Journal of Sol-Gel Science and Technology, 2018, 86, 266-273.	2.4	6
10	Influence of SiO2 nanosphere on the performance of n+ layer fabricated by phosphorus diffusion using phosphoric acid solution. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	1
11	Nanostructured multiâ€crystalline silicon solar cell with isotropic etching by HF/KMnO₄. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600703.	1.8	6
12	High-Efficient Solar Cells by the Ag/Cu-Assisted Chemical Etching Process on Diamond-Wire-Sawn Multicrystalline Silicon. IEEE Journal of Photovoltaics, 2017, 7, 153-156.	2.5	39
13	Hybrid process for texturization of diamond wire sawn multicrystalline silicon solar cell. Physica Status Solidi - Rapid Research Letters, 2016, 10, 870-873.	2.4	4