Quanbao

List of Publications by Year
in descending order

29 papers	899 citations	430874 18 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	1095 citing authors

#	Article	IF	Citations
1	Characterization of B-Implanted 3C-SiC for Intermediate Band Solar Cells. Materials Science Forum, 2017, 897, 299-302.	0.3	2
2	Flower-like WO3/CoWO4/Co nanostructures as high performance anode for lithium ion batteries. Journal of Alloys and Compounds, 2017, 727, 107-113.	5.5	28
3	Boron-Implanted 3C-SiC for Intermediate Band Solar Cells. Materials Science Forum, 2016, 858, 291-294.	0.3	6
4	Cubic silicon carbide as a potential photovoltaic material. Solar Energy Materials and Solar Cells, 2016, 145, 104-108.	6.2	41
5	Nitrogen-doping of bulk and nanotubular TiO2 photocatalysts by plasma-assisted atomic layer deposition. Applied Surface Science, 2015, 330, 476-486.	6.1	24
6	Cu2O photoelectrodes for solar water splitting: Tuning photoelectrochemical performance by controlled faceting. Solar Energy Materials and Solar Cells, 2015, 141, 178-186.	6.2	72
7	Indium-Rich InGaN Films Grown on Ge Substrate by Plasma-Assisted Molecular Beam Epitaxy for Solar Water Splitting. Journal of Electronic Materials, 2015, 44, 202-209.	2.2	6
8	Effects of annealing on the structural properties of indium rich InGaN films. Journal of Materials Science: Materials in Electronics, 2014, 25, 1197-1201.	2.2	7
9	Photoelectrochemical Properties of CuCrO2: Characterization of Light Absorption and Photocatalytic H2 Production Performance. Catalysis Letters, 2014, 144, 1487-1493.	2.6	32
10	Novel photoelectrochemical behaviors of p-SiC films on Si for solar water splitting. Journal of Power Sources, 2014, 253, 41-47.	7.8	19
11	Solar water splitting with p-SiC film on p-Si: Photoelectrochemical behavior and XPS characterization. International Journal of Hydrogen Energy, 2014, 39, 1623-1629.	7.1	40
12	Preparation and photoelectrochemical properties of nitrogen doped nanotubular TiO2 arrays. Applied Surface Science, 2013, 282, 174-180.	6.1	20
13	XPS characterization and photoelectrochemical behaviour of p-type 3C-SiC films on p-Si substrates for solar water splitting. Journal Physics D: Applied Physics, 2012, 45, 325101.	2.8	25
14	Solid phase epitaxy of Germanium on Silicon substrates. Materials Research Society Symposia Proceedings, 2011, 1339, 1.	0.1	0
15	Solid phase epitaxy of amorphous Ge films deposited by PECVD. Journal of Crystal Growth, 2011, 331, 40-43.	1.5	6
16	Optimization of parameters for deposition of Ga-doped ZnO films by DC reactive magnetron sputtering using Taguchi method. Applied Surface Science, 2011, 257, 6125-6128.	6.1	24
17	Highly Infrared Reflective Behavior of Transparent Conductive ZnO:Ga Films Synthesized by DC Reactive Magnetron Sputtering. ChemPhysChem, 2008, 9, 529-532.	2.1	12
18	Effects of Mg doping on the properties of highly transparent conductive and near infrared reflective Zn1â^'xMgxO:Ga films. Journal of Solid State Chemistry, 2008, 181, 525-529.	2.9	21

#	Article	IF	Citations
19	Highly transparent and conductive Zn0.85Mg0.15O:Al thin films prepared by pulsed laser deposition. Solar Energy Materials and Solar Cells, 2008, 92, 343-347.	6.2	59
20	Influence of annealing temperature on the properties of transparent conductive and near-infrared reflective ZnO:Ga films. Scripta Materialia, 2008, 58, 21-24.	5.2	55
21	Preparation and characterization of transparent conductive ZnO:Ga films by DC reactive magnetron sputtering. Materials Characterization, 2008, 59, 124-128.	4.4	46
22	ZnMgO nanorod arrays grown by metal-organic chemical vapor deposition. Materials Letters, 2008, 62, 1263-1266.	2.6	11
23	Highly near-infrared reflecting and transparent conducting ZnOâ€‰:â€‰Ga films: substrate temperature effect. Journal Physics D: Applied Physics, 2008, 41, 055302.	2.8	26
24	Microstructure and crystal defects in ZnMgO pleated nanosheets. Journal of Applied Physics, 2008, 104, 103507.	2.5	8
25	Highly near-infrared reflecting and transparent conducting ZnO:Ga. Journal Physics D: Applied Physics, 2008, 41, 089802-089802.	2.8	0
26	Substrate temperature dependence of the properties of Ga-doped ZnO films deposited by DC reactive magnetron sputtering. Vacuum, 2007, 82, 9-14.	3.5	61
27	Effects of deposition pressure on the properties of transparent conductive ZnO:Ga films prepared by DC reactive magnetron sputtering. Materials Science in Semiconductor Processing, 2007, 10, 167-172.	4.0	37
28	Structural, electrical, and optical properties of transparent conductive ZnO:Ga films prepared by DC reactive magnetron sputtering. Journal of Crystal Growth, 2007, 304, 64-68.	1.5	144
29	Influence of Ar/O2 ratio on the properties of transparent conductive ZnO:Ga films prepared by DC reactive magnetron sputtering. Materials Letters, 2007, 61, 2460-2463.	2.6	67