

# Quanbao

## List of Publications by Year in descending order

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29  
papers

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430874

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docs citations

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times ranked

1095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, electrical, and optical properties of transparent conductive ZnO:Ga films prepared by DC reactive magnetron sputtering. <i>Journal of Crystal Growth</i> , 2007, 304, 64-68.	1.5	144
2	Cu <sub>2</sub> O photoelectrodes for solar water splitting: Tuning photoelectrochemical performance by controlled faceting. <i>Solar Energy Materials and Solar Cells</i> , 2015, 141, 178-186.	6.2	72
3	Influence of Ar/O <sub>2</sub> ratio on the properties of transparent conductive ZnO:Ga films prepared by DC reactive magnetron sputtering. <i>Materials Letters</i> , 2007, 61, 2460-2463.	2.6	67
4	Substrate temperature dependence of the properties of Ga-doped ZnO films deposited by DC reactive magnetron sputtering. <i>Vacuum</i> , 2007, 82, 9-14.	3.5	61
5	Highly transparent and conductive Zn <sub>0.85</sub> Mg <sub>0.15</sub> O:Al thin films prepared by pulsed laser deposition. <i>Solar Energy Materials and Solar Cells</i> , 2008, 92, 343-347.	6.2	59
6	Influence of annealing temperature on the properties of transparent conductive and near-infrared reflective ZnO:Ga films. <i>Scripta Materialia</i> , 2008, 58, 21-24.	5.2	55
7	Preparation and characterization of transparent conductive ZnO:Ga films by DC reactive magnetron sputtering. <i>Materials Characterization</i> , 2008, 59, 124-128.	4.4	46
8	Cubic silicon carbide as a potential photovoltaic material. <i>Solar Energy Materials and Solar Cells</i> , 2016, 145, 104-108.	6.2	41
9	Solar water splitting with p-SiC film on p-Si: Photoelectrochemical behavior and XPS characterization. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1623-1629.	7.1	40
10	Effects of deposition pressure on the properties of transparent conductive ZnO:Ga films prepared by DC reactive magnetron sputtering. <i>Materials Science in Semiconductor Processing</i> , 2007, 10, 167-172.	4.0	37
11	Photoelectrochemical Properties of CuCrO <sub>2</sub> : Characterization of Light Absorption and Photocatalytic H <sub>2</sub> Production Performance. <i>Catalysis Letters</i> , 2014, 144, 1487-1493.	2.6	32
12	Flower-like WO <sub>3</sub> /CoWO <sub>4</sub> /Co nanostructures as high performance anode for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 727, 107-113.	5.5	28
13	Highly near-infrared reflecting and transparent conducting ZnO:Ga films: substrate temperature effect. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 055302.	2.8	26
14	XPS characterization and photoelectrochemical behaviour of p-type 3C-SiC films on p-Si substrates for solar water splitting. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 325101.	2.8	25
15	Optimization of parameters for deposition of Ga-doped ZnO films by DC reactive magnetron sputtering using Taguchi method. <i>Applied Surface Science</i> , 2011, 257, 6125-6128.	6.1	24
16	Nitrogen-doping of bulk and nanotubular TiO <sub>2</sub> photocatalysts by plasma-assisted atomic layer deposition. <i>Applied Surface Science</i> , 2015, 330, 476-486.	6.1	24
17	Effects of Mg doping on the properties of highly transparent conductive and near infrared reflective Zn <sub>1-x</sub> Mg <sub>x</sub> O:Ga films. <i>Journal of Solid State Chemistry</i> , 2008, 181, 525-529.	2.9	21
18	Preparation and photoelectrochemical properties of nitrogen doped nanotubular TiO <sub>2</sub> arrays. <i>Applied Surface Science</i> , 2013, 282, 174-180.	6.1	20

#	ARTICLE	IF	CITATIONS
19	Novel photoelectrochemical behaviors of p-SiC films on Si for solar water splitting. Journal of Power Sources, 2014, 253, 41-47.	7.8	19
20	Highly Infrared Reflective Behavior of Transparent Conductive ZnO:Ga Films Synthesized by DC Reactive Magnetron Sputtering. ChemPhysChem, 2008, 9, 529-532.	2.1	12
21	ZnMgO nanorod arrays grown by metal-organic chemical vapor deposition. Materials Letters, 2008, 62, 1263-1266.	2.6	11
22	Microstructure and crystal defects in ZnMgO pleated nanosheets. Journal of Applied Physics, 2008, 104, 103507.	2.5	8
23	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
24	Solid phase epitaxy of amorphous Ge films deposited by PECVD. Journal of Crystal Growth, 2011, 331, 40-43.	1.5	6
25	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
26	Boron-Implanted 3C-SiC for Intermediate Band Solar Cells. Materials Science Forum, 2016, 858, 291-294.	0.3	6
27	Characterization of B-Implanted 3C-SiC for Intermediate Band Solar Cells. Materials Science Forum, 2017, 897, 299-302.	0.3	2
28	Highly near-infrared reflecting and transparent conducting ZnO:Ga. Journal Physics D: Applied Physics, 2008, 41, 089802-089802.	2.8	0
29	Solid phase epitaxy of Germanium on Silicon substrates. Materials Research Society Symposia Proceedings, 2011, 1339, 1.	0.1	0