

Yanyan Zhang

List of Publications by Year in descending order

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11
papers

961
citations

1040056

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1199594

12
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12
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docs citations

12
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	An immutable array of TiO ₂ nanotubes to pressures over 30 GPa. <i>Nanotechnology</i> , 2017, 28, 145705.	2.6	3
2	Enhanced solar cell efficiency and stability using ZnS passivation layer for CdS quantum-dot sensitized actinomorphic hexagonal columnar ZnO. <i>Electrochimica Acta</i> , 2014, 118, 176-181.	5.2	23
3	Enhanced photoelectrochemical performance of CdSe sensitized Al-doped ZnO photoanode compared with CdSe/ZnO. <i>Thin Solid Films</i> , 2013, 545, 296-301.	1.8	2
4	Improved dye sensitized solar cell performance in larger cell size by using TiO ₂ nanotubes. <i>Nanotechnology</i> , 2013, 24, 045401.	2.6	17
5	Twinned tabour-like ZnO: Surfactant-, template-free synthesis and gas sensing behaviors. <i>Applied Surface Science</i> , 2011, 257, 5784-5788.	6.1	6
6	Synthesis of Cu ₂ O Nanoframes and Nanocages by Selective Oxidative Etching at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4282-4285.	13.8	217
7	Photosensitization of TiO ₂ nanorods with CdS quantum dots for photovoltaic devices. <i>Electrochimica Acta</i> , 2010, 56, 919-924.	5.2	98
8	Low Temperature Synthesis of Cu ₂ O Crystals: Shape Evolution and Growth Mechanism. <i>Crystal Growth and Design</i> , 2010, 10, 99-108.	3.0	284
9	Structural and magnetic properties of Mn-doped ZnO nanorod arrays grown via a simple hydrothermal reaction. <i>Materials Letters</i> , 2009, 63, 1574-1576.	2.6	34
10	Large-Scale Synthesis and Microwave Absorption Enhancement of Actinomorphic Tubular ZnO/CoFe ₂ O ₄ Nanocomposites. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4642-4647.	2.6	113
11	Synthesis and characterization of TiO ₂ nanotubes for humidity sensing. <i>Applied Surface Science</i> , 2008, 254, 5545-5547.	6.1	125