

Zhisheng Chai

List of Publications by Year in descending order

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11
papers

1,069
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2204
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailorable and Wearable Textile Devices for Solar Energy Harvesting and Simultaneous Storage. ACS Nano, 2016, 10, 9201-9207.	14.6	213
2	Large-scale Fabrication of Pseudocapacitive Glass Windows that Combine Electrochromism and Energy Storage. Angewandte Chemie - International Edition, 2014, 53, 11935-11939.	13.8	207
3	BiVO ₄ photoanodes with significantly improved solar water splitting capability: p-n junction to expand solar adsorption range and facilitate charge carrier dynamics. Nano Energy, 2015, 18, 222-231.	16.0	199
4	Electrochromic Asymmetric Supercapacitor Windows Enable Direct Determination of Energy Status by the Naked Eye. ACS Applied Materials & Interfaces, 2017, 9, 34085-34092.	8.0	134
5	Rational design of carbon shell endows TiN@C nanotube based fiber supercapacitors with significantly enhanced mechanical stability and electrochemical performance. Nano Energy, 2017, 31, 432-440.	16.0	112
6	Combining Bulk/Surface Engineering of Hematite To Synergistically Improve Its Photoelectrochemical Water Splitting Performance. ACS Applied Materials & Interfaces, 2016, 8, 16071-16077.	8.0	69
7	Rational design of anatase TiO ₂ architecture with hierarchical nanotubes and hollow microspheres for high-performance dye-sensitized solar cells. Journal of Power Sources, 2016, 303, 57-64.	7.8	44
8	High-performance flexible dye-sensitized solar cells by using hierarchical anatase TiO ₂ nanowire arrays. RSC Advances, 2015, 5, 88052-88058.	3.6	24
9	Anatase TiO ₂ single crystal hollow nanoparticles: their facile synthesis and high-performance in dye-sensitized solar cells. CrystEngComm, 2017, 19, 325-334.	2.6	23
10	Facile conversion of rutile titanium dioxide nanowires to nanotubes for enhancing the performance of dye-sensitized solar cells. CrystEngComm, 2015, 17, 1115-1120.	2.6	10
11	Fabrication and integration of quasi-one-dimensional hierarchical TiO ₂ nanotubes for dye-sensitized solar cells. CrystEngComm, 2015, 17, 8327-8331.	2.6	9