

# Zhisheng Chai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10869065/publications.pdf>

Version: 2024-02-01

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