

Chao Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4807400/publications.pdf>

Version: 2024-02-01

15
papers

732
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale Synthesis of Urchin-like Mesoporous TiO ₂ Hollow Spheres by Targeted Etching and Their Photoelectrochemical Properties. <i>Advanced Functional Materials</i> , 2014, 24, 95-104.	14.9	204
2	CdSe-sensitized mesoscopic TiO ₂ solar cells exhibiting >5% efficiency: redundancy of CdS buffer layer. <i>Journal of Materials Chemistry</i> , 2012, 22, 16235.	6.7	140
3	Sandwich-like CNTs/Si/C nanotubes as high performance anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14797-14804.	10.3	103
4	Cuprous sulfide counter electrodes prepared by ion exchange for high-efficiency quantum dot-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2807.	10.3	63
5	Self-Template Synthesis of Porous Perovskite Titanate Solid and Hollow Submicrospheres for Photocatalytic Oxygen Evolution and Mesoscopic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14859-14869.	8.0	62
6	3D Cu-doped CoS porous nanosheet films as superior counterelectrodes for quantum dot-sensitized solar cells. <i>Nano Energy</i> , 2015, 16, 163-172.	16.0	42
7	Synthesis of SnO ₂ /Sn hybrid hollow spheres as high performance anode materials for lithium ion battery. <i>Journal of Alloys and Compounds</i> , 2016, 688, 908-913.	5.5	33
8	Interfacial Engineering for Quantum-dot-Sensitized Solar Cells. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1183-1193.	3.3	21
9	Quinoidal 2,2',6,6'-tetraphenyl-dipyrylylidene as a Dopant-free Hole-transport Material for Stable and Cost-effective Perovskite Solar Cells. <i>Energy Technology</i> , 2017, 5, 1852-1858.	3.8	16
10	Fast Charge Separation at Semiconductor Sensitizer-Molecular Relay Interface Leads to Significantly Enhanced Solar Cell Performance. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9774-9781.	3.1	14
11	Template-free synthesis of hierarchical MoO ₂ multi-shell architectures with improved lithium storage capability. <i>Materials Research Bulletin</i> , 2017, 91, 85-90.	5.2	13
12	Hierarchical bicomponent TiO ₂ hollow spheres as a new high-capacity anode material for lithium-ion batteries. <i>Journal of Materials Science</i> , 2018, 53, 8499-8509.	3.7	11
13	A non-volatile resistive memory effect in 2,2',6,6'-tetraphenyl-dipyrylylidene thin films as observed in field-effect transistors and by conductive atomic force microscopy. <i>RSC Advances</i> , 2017, 7, 3336-3342.	3.6	5
14	A Molecular Relay-Modified CdS-sensitized Photoelectrochemical Cell for Overall Water Splitting. <i>ChemElectroChem</i> , 2016, 3, 1471-1477.	3.4	4
15	Phenoxazine Derivative Operates as an Efficient Surface-Crafted Molecular Relay to Enhance the Performance and Stability of CdS- and CdSe-sensitized TiO ₂ Solar Cells. <i>ChemPhysChem</i> , 2017, 18, 1302-1307.	2.1	1