Chao Shen

List of Publications by Year
in descending order

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

Version: 2024-02-01

15	732	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	1428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical bicomponent TiO2 hollow spheres as a new high-capacity anode material for lithium-ion batteries. Journal of Materials Science, 2018, 53, 8499-8509.	3.7	11
2	Sandwich-like CNTs/Si/C nanotubes as high performance anode materials for lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 14797-14804.	10.3	103
3	Phenoxazine Derivative Operates as an Efficient Surfaceâ€Grafted Molecular Relay to Enhance the Performance and Stability of CdSâ€and CdSeâ€Sensitized TiO₂ Solar Cells. ChemPhysChem, 2017, 18, 1302-1307.	2.1	1
4	Template-free synthesis of hierarchical MoO2 multi-shell architectures with improved lithium storage capability. Materials Research Bulletin, 2017, 91, 85-90.	5.2	13
5	A non-volatile resistive memory effect in 2,2â€²,6,6â€²-tetraphenyl-dipyranylidene thin films as observed in field-effect transistors and by conductive atomic force microscopy. RSC Advances, 2017, 7, 3336-3342.	3.6	5
6	Quinoidal 2,2â€²,6,6â€²â€Tetraphenylâ€Dipyranylidene as a Dopantâ€Free Holeâ€Transport Material for Stable and Costâ€Effective Perovskite Solar Cells. Energy Technology, 2017, 5, 1852-1858.	3.8	16
7	Interfacial Engineering for Quantumâ€Dotâ€Sensitized Solar Cells. Chemistry - an Asian Journal, 2016, 11, 1183-1193.	3.3	21
8	Synthesis of SnO2/Sn hybrid hollow spheres as high performance anode materials for lithium ion battery. Journal of Alloys and Compounds, 2016, 688, 908-913.	5.5	33
9	A Molecular Relayâ€Modified CdSâ€Sensitized Photoelectrochemical Cell for Overall Water Splitting. ChemElectroChem, 2016, 3, 1471-1477.	3.4	4
10	3D Cu-doped CoS porous nanosheet films as superior counterelectrodes for quantum dot-sensitized solar cells. Nano Energy, 2015, 16, 163-172.	16.0	42
11	Self-Template Synthesis of Porous Perovskite Titanate Solid and Hollow Submicrospheres for Photocatalytic Oxygen Evolution and Mesoscopic Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 14859-14869.	8.0	62
12	Fast Charge Separation at Semiconductor Sensitizerâ€“Molecular Relay Interface Leads to Significantly Enhanced Solar Cell Performance. Journal of Physical Chemistry C, 2015, 119, 9774-9781.	3.1	14
13	Largeâ€scale Synthesis of Urchinâ€like Mesoporous TiO₂ Hollow Spheres by Targeted Etching and Their Photoelectrochemical Properties. Advanced Functional Materials, 2014, 24, 95-104.	14.9	204
14	Cuprous sulfide counter electrodes prepared by ion exchange for high-efficiency quantum dot-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 2807.	10.3	63
15	CdSe-sensitized mesoscopic TiO2 solar cells exhibiting >5% efficiency: redundancy of CdS buffer layer. Journal of Materials Chemistry, 2012, 22, 16235.	6.7	140