

Xukai Xin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5182672/publications.pdf>

Version: 2024-02-01

15
papers

1,760
citations

686830

13
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

3008
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Performance of Organic Solar Cells with Increased End Group Dipole Moment in Indacenodithieno[3,2-b]thiophene-Based Molecules. <i>Advanced Functional Materials</i> , 2015, 25, 4889-4897.	7.8	61
2	Ab Initio Simulation of Charge Transfer at the Semiconductor Quantum Dot/TiO ₂ Interface in Quantum Dot-Sensitized Solar Cells. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 80-90.	1.2	33
3	Unimolecular micelles composed of inner coil-like blocks and outer rod-like blocks crafted by combination of living polymerization with click chemistry. <i>Polymer Chemistry</i> , 2014, 5, 2747-2755.	1.9	34
4	Graphene and Quantum Dot Nanocomposites for Photovoltaic Devices. <i>Lecture Notes in Nanoscale Science and Technology</i> , 2014, , 269-294.	0.4	0
5	Semiconductor hierarchically structured flower-like clusters for dye-sensitized solar cells with nearly 100% charge collection efficiency. <i>Nanoscale</i> , 2013, 5, 11220.	2.8	26
6	An Unconventional Route to Hierarchically Ordered Block Copolymers on a Gradient Patterned Surface through Controlled Evaporative Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1122-1127.	7.2	56
7	A general and robust strategy for the synthesis of nearly monodisperse colloidal nanocrystals. <i>Nature Nanotechnology</i> , 2013, 8, 426-431.	15.6	362
8	Synthesis and Characterization of Semiconducting Conjugated Polymer-Nanowire Nanocomposites. <i>Science of Advanced Materials</i> , 2013, 5, 727-732.	0.1	0
9	Dye-sensitized solar cells based on a nanoparticle/nanotube bilayer structure and their equivalent circuit analysis. <i>Nanoscale</i> , 2012, 4, 964-969.	2.8	70
10	An Unconventional Route to High-Efficiency Dye-Sensitized Solar Cells via Embedding Graphitic Thin Films into TiO ₂ Nanoparticle Photoanode. <i>Nano Letters</i> , 2012, 12, 479-485.	4.5	150
11	High Efficiency Dye-Sensitized Solar Cells Based on Hierarchically Structured Nanotubes. <i>Nano Letters</i> , 2011, 11, 3214-3220.	4.5	337
12	Surface-Treated TiO ₂ Nanoparticles for Dye-Sensitized Solar Cells with Remarkably Enhanced Performance. <i>Langmuir</i> , 2011, 27, 14594-14598.	1.6	88
13	Cu ₂ ZnSnS ₄ nanocrystals and graphene quantum dots for photovoltaics. <i>Nanoscale</i> , 2011, 3, 3040.	2.8	95
14	Low-Cost Copper Zinc Tin Sulfide Counter Electrodes for High-Efficiency Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11739-11742.	7.2	410
15	Cover Picture: Low-Cost Copper Zinc Tin Sulfide Counter Electrodes for High-Efficiency Dye-Sensitized Solar Cells (<i>Angew. Chem. Int. Ed.</i> 49/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11541-11541.	7.2	5