

Zhongkai Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

366
citations

1163117

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all docs

13
docs citations

13
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer-by-Layer Assembled Healable Antifouling Films. <i>Advanced Materials</i> , 2015, 27, 5882-5888.	21.0	145
2	Enhancing the crystallization and optimizing the orientation of perovskite films via controlling nucleation dynamics. <i>Journal of Materials Chemistry A</i> , 2016, 4, 223-232.	10.3	75
3	Efficient aqueous-processed hybrid solar cells from a polymer with a wide bandgap. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10969-10975.	10.3	30
4	High efficiency aqueous-processed MEH-PPV/CdTe hybrid solar cells with a PCE of 4.20%. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1105-1111.	10.3	24
5	Aqueous-Processed Insulating Polymer/Nanocrystal Hybrid Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7101-7110.	8.0	23
6	Controllable Cooperative Self-Assembly of PS- <i>b</i> -PAA/PS- <i>b</i> -P4VP Mixture by Tuning the Intercorona Interaction. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5527-5533.	2.6	17
7	Photon Recycling in Semiconductor Thin Films and Devices. <i>Advanced Science</i> , 2021, 8, e2004076.	11.2	16
8	Aqueous-Processed Polymer/Nanocrystal Hybrid Solar Cells with Efficiency of 5.64%: The Impact of Device Structure, Polymer Content, and Film Thickness. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2025-2034.	3.1	13
9	Optical and Electrical Properties of Organic Semiconductor Thin Films on Aperiodic Plasmonic Metasurfaces. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35579-35587.	8.0	8
10	From 1D to 3D: a new route to fabricate tridimensional structures via photo-generation of silver networks. <i>RSC Advances</i> , 2015, 5, 28633-28642.	3.6	7
11	Influence of partially-oxidized silver back electrodes on the electrical properties and stability of organic semiconductor diodes. <i>Organic Electronics</i> , 2019, 70, 179-185.	2.6	7
12	Modification of Luminescence from Dual-Emission Molecules by Plasmonic Surfaces. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17218-17226.	3.1	1
13	Native-Metal-Oxide-Coated Plasmonic Electrode Metasurfaces for Nanophotonic Light Trapping and Efficient Charge Collection. , 2017, , .		0