

Chih-Chun Chung

List of Publications by Year in descending order

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12
papers

674
citations

840585

11
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

1477
citing authors

#	ARTICLE	IF	CITATIONS
1	A perspective of mesoscopic solar cells based on metal chalcogenide quantum dots and organometal-halide perovskites. <i>NPG Asia Materials</i> , 2013, 5, e68-e68.	3.8	143
2	Tailoring Triple-Anion Perovskite Material for Indoor Light Harvesting with Restrained Halide Segregation and Record High Efficiency Beyond 36%. <i>Advanced Energy Materials</i> , 2019, 9, 1901980.	10.2	122
3	Anomalous Charge-Extraction Behavior for Graphene-Oxide (GO) and Reduced Graphene-Oxide (rGO) Films as Efficient p-Contact Layers for High-Performance Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1701640.	10.2	87
4	Inverted planar solar cells based on perovskite/graphene oxide hybrid composites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13957-13965.	5.2	80
5	Femtosecond Excitonic Relaxation Dynamics of Perovskite on Mesoporous Films of Al ₂ O ₃ and NiO Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9339-9342.	7.2	57
6	Well-Organized Mesoporous TiO ₂ Photoanode by Using Amphiphilic Graft Copolymer for Efficient Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9619-9627.	1.5	43
7	An Air Knife-Assisted Recrystallization Method for Ambient-Process Planar Perovskite Solar Cells and Its Dim-Light Harvesting. <i>Small</i> , 2019, 15, e1804465.	5.2	38
8	Femtosecond Excitonic Relaxation Dynamics of Perovskite on Mesoporous Films of Al ₂ O ₃ and NiO Nanoparticles. <i>Angewandte Chemie</i> , 2014, 126, 9493-9496.	1.6	31
9	Simultaneous Observation of an Intraband Transition and Distinct Transient Species in the Infrared Region for Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2450-2455.	2.1	24
10	Phosphonic Acid and Lithium Salt as Effective p-Dopants to Oxidize Spiro-OMeTAD for Mesoscopic Sb ₂ S ₃ Solar Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18472-18479.	1.5	20
11	Fabrication of large-scale single-crystal bismuth telluride (Bi ₂ Te ₃) nanosheet arrays by a single-step electrolysis process. <i>Nanoscale</i> , 2014, 6, 7780-7785.	2.8	15
12	Electrodeposition of (111)-oriented and nanotwin-doped nanocrystalline Cu with ultrahigh strength for 3D IC application. <i>Nanotechnology</i> , 2021, 32, 225702.	1.3	12