

Yefeng Wang

List of Publications by Year in descending order

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14
papers

231
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Solid-State Electrolytes Based on Aryl-Modified Imidazolium Ionic Crystals for Quantum Dot-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 10739-10747.	5.1	2
2	Above-Band-Gap Voltage from Oriented Bismuth Ferrite Ceramic Photovoltaic Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 12703-12708.	5.1	6
3	S-alkylbenzothiophenium-based solid-state electrolyte for efficient quantum-dot sensitized solar cells. <i>Solar Energy</i> , 2019, 194, 286-293.	6.1	3
4	Doping as an effective recombination suppressing strategy for performance enhanced quantum dots sensitized solar cells. <i>Materials Letters</i> , 2018, 221, 42-45.	2.6	12
5	Pulsed voltage deposited hierarchical dendritic PbS film as a highly efficient and stable counter electrode for quantum-dot-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6823-6831.	5.5	16
6	Benzimidazolium salt-based solid-state electrolytes afford efficient quantum-dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13526-13534.	10.3	23
7	Sulfur in Hyper-cross-linked Porous Polymer as Cathode in Lithium-Sulfur Batteries with Enhanced Electrochemical Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34783-34792.	8.0	38
8	Synthesis of Mn-doped zinc blende CdSe nanocrystals for quantum dot-sensitized solar cells. <i>Research on Chemical Intermediates</i> , 2016, 42, 6255-6263.	2.7	5
9	Performance enhancement in titania based quantum dot sensitized solar cells through incorporation of disc shaped ZnO nanoparticles into photoanode. <i>Chemical Physics Letters</i> , 2016, 660, 76-80.	2.6	14
10	Pyrazolium-based electrolyte for solid-state dye-sensitized solar cells with high fill factor and open-circuit voltage. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8235-8244.	5.5	10
11	Pulsed voltage deposited lead selenide thin film as efficient counter electrode for quantum-dot-sensitized solar cells. <i>Applied Surface Science</i> , 2016, 369, 436-442.	6.1	29
12	Graphite powder film-supported Cu ₂ S counter electrodes for quantum dot-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12140-12148.	5.5	30
13	Stable, High-Efficiency Pyrrolidinium-Based Electrolyte for Solid-State Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21381-21390.	8.0	29
14	Effective Solid Electrolyte Based on Benzothiazolium for Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22088-22095.	8.0	14