Haoxin Wang

List of Publications by Year
in descending order

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15	938	623734 14	996975 15
papers	citations	h-index	g-index

15	15	15	1297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	13.6% Efficient Organic Dye-Sensitized Solar Cells by Minimizing Energy Losses of the Excited State. ACS Energy Letters, 2019, 4, 943-951.	17.4	284
2	Interfacial Molecular Doping and Energy Level Alignment Regulation for Perovskite Solar Cells with Efficiency Exceeding 23%. ACS Energy Letters, 2021, 6, 2690-2696.	17.4	96
3	Efficient and Stable Inverted Planar Perovskite Solar Cells Employing CuI as Holeâ€Transporting Layer Prepared by Solidâ€“Gas Transformation. Energy Technology, 2017, 5, 1836-1843.	3.8	94
4	Passivation functionalized phenothiazine-based hole transport material for highly efficient perovskite solar cell with efficiency exceeding 22%. Chemical Engineering Journal, 2021, 410, 128328.	12.7	83
5	Engineering of hole-selective contact for low temperature-processed carbon counter electrode-based perovskite solar cells. Journal of Materials Chemistry A, 2015, 3, 24272-24280.	10.3	78
6	One plus one greater than two: high-performance inverted planar perovskite solar cells based on a composite CuI/CuSCN hole-transporting layer. Journal of Materials Chemistry A, 2018, 6, 21435-21444.	10.3	64
7	Design and synthesis of dopant-free organic hole-transport materials for perovskite solar cells. Chemical Communications, 2018, 54, 9571-9574.	4.1	49
8	Efficient dye-sensitized solar cells with [copper(6,6â€²-dimethyl-2,2â€²-bipyridine)₂]^{2+/1+} redox shuttle. RSC Advances, 2017, 7, 4611-4615.	3.6	48
9	A Perylenediimide Tetramerâ€Based 3D Electron Transport Material for Efficient Planar Perovskite Solar Cell. Solar Rrl, 2017, 1, 1700046.	5.8	28
10	Surface Defect Passivation and Energy Level Alignment Engineering with a Fluorine-Substituted Hole Transport Material for Efficient Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 13470-13477.	8.0	26
11	Application of Small Molecule Donor Materials Based on Phenothiazine Core Unit in Bulk Heterojunction Solar Cells. Journal of Physical Chemistry C, 2014, 118, 16851-16855.	3.1	24
12	In-situ secondary annealing treatment assisted effective surface passivation of shallow defects for efficient perovskite solar cells. Journal of Power Sources, 2021, 492, 229621.	7.8	23
13	Bi(trifluoromethyl) Benzoic Acid-Assisted Shallow Defect Passivation for Perovskite Solar Cells with an Efficiency Exceeding 21%. ACS Applied Materials & Interfaces, 2022, 14, 3930-3938.	8.0	21
14	Constructing Efficient Hole-Transporting Materials by Tuning Fluorine Substitution for Inverted Perovskite Solar Cells with Efficiency Exceeding 20%. ACS Applied Energy Materials, 2022, 5, 5901-5908.	5.1	15
15	Natural Chlorophyll Derivative Assisted Defect Passivation and Hole Extraction for MAPbI₃ Perovskite Solar Cells with Efficiency Exceeding 20%. ACS Applied Energy Materials, 2022, 5, 1390-1396.	5.1	5