

Linfeng Pan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,505
citations

14
h-index

22
g-index

22
ext. papers

1,980
ext. citations

15.5
avg, IF

4.85
L-index

#	Paper	IF	Citations
22	Interface modification to achieve high-efficiency and stable perovskite solar cells. <i>Chemical Engineering Journal</i> , 2022 , 433, 134613	14.7	4
21	Efficient and Stable Large Bandgap MAPbBr ₃ Perovskite Solar Cell Attaining an Open Circuit Voltage of 1.65 V. <i>ACS Energy Letters</i> , 2022 , 7, 1112-1119	20.1	4
20	Structural and Compositional Investigations on the Stability of Cuprous Oxide Nanowire Photocathodes for Photoelectrochemical Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 55080-55091	9.5	3
19	Combined Precursor Engineering and Grain Anchoring Leading to MA-Free, Phase-Pure, and Stable Formamidinium Lead Iodide Perovskites for Efficient Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 27299	16.4	10
18	Formation of High-Performance Multi-Cation Halide Perovskites Photovoltaics by ECsPbI ₃ /ERbPbI ₃ Seed-Assisted Heterogeneous Nucleation. <i>Advanced Energy Materials</i> , 2021 , 11, 2003785	21.8	14
17	Low-Cost Dopant Additive-Free Hole-Transporting Material for a Robust Perovskite Solar Cell with Efficiency Exceeding 21%. <i>ACS Energy Letters</i> , 2021 , 6, 208-215	20.1	30
16	Synergistic Effect of Fluorinated Passivator and Hole Transport Dopant Enables Stable Perovskite Solar Cells with an Efficiency Near 24. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3231-3237	16.4	73
15	Anchoring single platinum atoms onto nickel nanoparticles affords highly selective catalysts for lignin conversion. <i>Cell Reports Physical Science</i> , 2021 , 2, 100567	6.1	2
14	CuO photocathodes with band-tail states assisted hole transport for standalone solar water splitting. <i>Nature Communications</i> , 2020 , 11, 318	17.4	70
13	Guanine-Stabilized Formamidinium Lead Iodide Perovskites. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4691-4697	16.4	40
12	Tailored Amphiphilic Molecular Mitigators for Stable Perovskite Solar Cells with 23.5% Efficiency. <i>Advanced Materials</i> , 2020 , 32, e1907757	24	178
11	Ultrahydrophobic 3D/2D fluoroarene bilayer-based water-resistant perovskite solar cells with efficiencies exceeding 22. <i>Science Advances</i> , 2019 , 5, eaaw2543	14.3	362
10	Atomic Layer Deposition of ZnO on CuO Enables Selective and Efficient Electroreduction of Carbon Dioxide to Liquid Fuels. <i>Angewandte Chemie</i> , 2019 , 131, 15178-15182	3.6	27
9	Atomic Layer Deposition of ZnO on CuO Enables Selective and Efficient Electroreduction of Carbon Dioxide to Liquid Fuels. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15036-15040	16.4	73
8	Directly Photoexcited Oxides for Photoelectrochemical Water Splitting. <i>ChemSusChem</i> , 2019 , 12, 4337-4352	4.52	12
7	Solution-Processed Cu ₂ S Photocathodes for Photoelectrochemical Water Splitting. <i>ACS Energy Letters</i> , 2018 , 3, 760-766	20.1	64
6	Adamantanes Enhance the Photovoltaic Performance and Operational Stability of Perovskite Solar Cells by Effective Mitigation of Interfacial Defect States. <i>Advanced Energy Materials</i> , 2018 , 8, 1800275	21.8	86

5	Boosting the performance of Cu ₂ O photocathodes for unassisted solar water splitting devices. <i>Nature Catalysis</i> , 2018 , 1, 412-420	36.5	329
4	Stabilizing organic photocathodes by low-temperature atomic layer deposition of TiO ₂ . <i>Sustainable Energy and Fuels</i> , 2017 , 1, 1915-1920	5.8	33
3	Mn ₃ O ₄ nano-octahedrons on Ni foam as an efficient three-dimensional oxygen evolution electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 14101-14104	13	80
2	Combined Precursor Engineering and Grain Anchoring Leading to MA-Free, Phase-Pure, and Stable Formamidinium Lead Iodide Perovskites for Efficient Solar Cells. <i>Angewandte Chemie</i> ,	3.6	3
1	Methylammonium Triiodide for Defect Engineering of High-Efficiency Perovskite Solar Cells. <i>ACS Energy Letters</i> , 3650-3660	20.1	8