Linfeng Pan

List of Publications by Citations

Source: https://exaly.com/author-pdf/7371525/linfeng-pan-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	Ultrahydrophobic 3D/2D fluoroarene bilayer-based water-resistant perovskite solar cells with efficiencies exceeding 22. *Science Advances*, **2019**, 5, eaaw2543	14.3	362
21	Boosting the performance of Cu2O photocathodes for unassisted solar water splitting devices. *Nature Catalysis*, **2018**, 1, 412-420	36.5	329
20	Tailored Amphiphilic Molecular Mitigators for Stable Perovskite Solar Cells with 23.5% Efficiency. *Advanced Materials*, **2020**, 32, e1907757	24	178
19	Adamantanes Enhance the Photovoltaic Performance and Operational Stability of Perovskite Solar Cells by Effective Mitigation of Interfacial Defect States. *Advanced Energy Materials*, **2018**, 8, 1800275	21.8	86
18	Mn3O4 nano-octahedrons on Ni foam as an efficient three-dimensional oxygen evolution electrocatalyst. *Journal of Materials Chemistry A*, **2015**, 3, 14101-14104	13	80
17	Atomic Layer Deposition of ZnO on CuO Enables Selective and Efficient Electroreduction of Carbon Dioxide to Liquid Fuels. *Angewandte Chemie - International Edition*, **2019**, 58, 15036-15040	16.4	73
16	Synergistic Effect of Fluorinated Passivator and Hole Transport Dopant Enables Stable Perovskite Solar Cells with an Efficiency Near 24. *Journal of the American Chemical Society*, **2021**, 143, 3231-3237	16.4	73
15	CuO photocathodes with band-tail states assisted hole transport for standalone solar water splitting. *Nature Communications*, **2020**, 11, 318	17.4	70
14	Solution-Processed Cu2S Photocathodes for Photoelectrochemical Water Splitting. *ACS Energy Letters*, **2018**, 3, 760-766	20.1	64
13	Guanine-Stabilized Formamidinium Lead Iodide Perovskites. *Angewandte Chemie - International Edition*, **2020**, 59, 4691-4697	16.4	40
12	Stabilizing organic photocathodes by low-temperature atomic layer deposition of TiO2. *Sustainable Energy and Fuels*, **2017**, 1, 1915-1920	5.8	33
11	Low-Cost Dopant Additive-Free Hole-Transporting Material for a Robust Perovskite Solar Cell with Efficiency Exceeding 21%. *ACS Energy Letters*, **2021**, 6, 208-215	20.1	30
10	Atomic Layer Deposition of ZnO on CuO Enables Selective and Efficient Electroreduction of Carbon Dioxide to Liquid Fuels. *Angewandte Chemie*, **2019**, 131, 15178-15182	3.6	27
9	Formation of High-Performance Multi-Cation Halide Perovskites Photovoltaics by □CsPbI3/□RbPbI3 Seed-Assisted Heterogeneous Nucleation. *Advanced Energy Materials*, **2021**, 11, 2003785	21.8	14
8	Directly Photoexcited Oxides for Photoelectrochemical Water Splitting. *ChemSusChem*, **2019**, 12, 4337-4352	8.5	12
7	Combined Precursor Engineering and Grain Anchoring Leading to MA-Free, Phase-Pure, and Stable □Formamidinium Lead Iodide Perovskites for Efficient Solar Cells. *Angewandte Chemie - International Edition*, **2021**, 60, 27299	16.4	10
6	Methylammonium Triiodide for Defect Engineering of High-Efficiency Perovskite Solar Cells. *ACS Energy Letters*,3650-3660	20.1	8

5	Interface modification to achieve high-efficiency and stable perovskite solar cells. *Chemical Engineering Journal*, **2022**, 433, 134613	14.7	4
4	Efficient and Stable Large Bandgap MAPbBr3 Perovskite Solar Cell Attaining an Open Circuit Voltage of 1.65 V. *ACS Energy Letters*, **2022**, 7, 1112-1119	20.1	4
3	Structural and Compositional Investigations on the Stability of Cuprous Oxide Nanowire Photocathodes for Photoelectrochemical Water Splitting. *ACS Applied Materials & Interfaces*, **2021**, 13, 55080-55091	9.5	3
2	Combined Precursor Engineering and Grain Anchoring Leading to MA-Free, Phase-Pure, and Stable Formamidinium Lead Iodide Perovskites for Efficient Solar Cells. *Angewandte Chemie*,	3.6	3
1	Anchoring single platinum atoms onto nickel nanoparticles affords highly selective catalysts for lignin conversion. *Cell Reports Physical Science*, **2021**, 2, 100567	6.1	2