Fu Yang

List of Publications by Year
in descending order

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Version: 2024-02-01

24	1,053	471061 17	580395 25
papers	citations	h-index	g-index

26	26	26	1643
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electric field enhanced with CdS/ZnS quantum dots passivation for efficient and stable perovskite solar cells. Journal of Power Sources, 2022, 537, 231519.	4.0	2
2	Low Temperature Processed Fully Printed Efficient Planar Structure Carbon Electrode Perovskite Solar Cells and Modules. Advanced Energy Materials, 2021, 11, 2101219.	10.2	52
3	Stabilization of formamidinium lead iodide perovskite precursor solution for blade-coating efficient carbon electrode perovskite solar cells*. Chinese Physics B, 2021, 30, 088803.	0.7	6
4	Upscaling Solutionâ€Processed Perovskite Photovoltaics. Advanced Energy Materials, 2021, 11, 2101973.	10.2	46
5	Large-area flexible organic solar cells. Npj Flexible Electronics, 2021, 5, .	5.1	69
6	Hot-Casting and Anti-solvent Free Fabrication of Efficient and Stable Two-Dimensional Ruddlesdenâ€“Popper Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 61039-61046.	4.0	8
7	Interface engineering with a novel n-type small organic molecule for efficient inverted perovskite solar cells. Chemical Engineering Journal, 2020, 392, 123677.	6.6	31
8	Fully Solution Processed Pure Î±â€Phase Formamidinium Lead Iodide Perovskite Solar Cells for Scalable Production in Ambient Condition. Advanced Energy Materials, 2020, 10, 2001869.	10.2	46
9	Interdiffusion Stomatal Movement in Efficient Multiple-Cation-Based Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 35105-35112.	4.0	8
10	Efficient Surface Passivation and Electron Transport Enable Low Temperature-Processed Inverted Perovskite Solar Cells with Efficiency over 20%. ACS Sustainable Chemistry and Engineering, 2020, 8, 8848-8856.	3.2	9
11	Achieving efficient inverted perovskite solar cells with excellent electron transport and stability by employing a ladder-conjugated perylene diimide dimer. Journal of Materials Chemistry A, 2019, 7, 24191-24198.	5.2	40
12	Melamine Hydroiodide Functionalized MAPbI₃ Perovskite with Enhanced Photovoltaic Performance and Stability in Ambient Atmosphere. Solar Rrl, 2019, 3, 1800275.	3.1	18
13	Role of GeI2 and SnF2 additives for SnGe perovskite solar cells. Nano Energy, 2019, 58, 130-137.	8.2	104
14	Preparation of Perovskite Films under Liquid Nitrogen Atmosphere for High Efficiency Perovskite Solar Cells. ACS Sustainable Chemistry and Engineering, 2019, 7, 3956-3961.	3.2	13
15	Enhanced Crystallization by Methanol Additive in Antisolvent for Achieving Highâ€Quality MAPbI₃ Perovskite Films in Humid Atmosphere. ChemSusChem, 2018, 11, 2348-2357.	3.6	70
16	Addition Effect of Pyreneammonium Iodide to Methylammonium Lead Halide Perovskiteâ€2D/3D Heterostructured Perovskite with Enhanced Stability. Advanced Functional Materials, 2018, 28, 1804856.	7.8	48
17	Interfacial Sulfur Functionalization Anchoring SnO₂ and CH₃NH₃PbI₃ for Enhanced Stability and Trap Passivation in Perovskite Solar Cells. ChemSusChem, 2018, 11, 3941-3948.	3.6	58
18	Magnesium-Doped MAPbI₃ Perovskite Layers for Enhanced Photovoltaic Performance in Humid Air Atmosphere. ACS Applied Materials & Interfaces, 2018, 10, 24543-24548.	4.0	79

#	Article	IF	Citations
19	Enhanced performance of ZnO based perovskite solar cells by Nb2O5 surface passivation. Organic Electronics, 2018, 62, 615-620.	1.4	20
20	Allâ€inorganic CsPb_{1â^'x}Ge_xI₂Br Perovskite with Enhanced Phase Stability and Photovoltaic Performance. Angewandte Chemie, 2018, 130, 12927-12931.	1.6	31
21	Allâ€inorganic CsPb_{1â^'x}Ge_xI₂Br Perovskite with Enhanced Phase Stability and Photovoltaic Performance. Angewandte Chemie - International Edition, 2018, 57, 12745-12749.	7.2	157
22	Dependence of Acetate-Based Antisolvents for High Humidity Fabrication of CH₃NH₃PbI₃ Perovskite Devices in Ambient Atmosphere. ACS Applied Materials & Interfaces, 2018, 10, 16482-16489.	4.0	78
23	Performance Enhancement of Mesoporous TiO₂-Based Perovskite Solar Cells by SbI₃ Interfacial Modification Layer. ACS Applied Materials & Interfaces, 2018, 10, 29630-29637.	4.0	32
24	Hoechst-naphthalimide dyad with dual emissions as specific and ratiometric sensor for nucleus DNA damage. Chinese Chemical Letters, 2017, 28, 2019-2022.	4.8	25