

# Fu Yang

## List of Publications by Year in descending order

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24  
papers

1,053  
citations

471061

17  
h-index

580395

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1643  
citing authors

#	ARTICLE	IF	CITATIONS
1	All- <i>inorganic</i> CsPb <sub>1-x</sub> Ge <sub>x</sub> I <sub>2</sub> Br Perovskite with Enhanced Phase Stability and Photovoltaic Performance. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12745-12749.	7.2	157
2	Role of GeI <sub>2</sub> and SnF <sub>2</sub> additives for SnGe perovskite solar cells. <i>Nano Energy</i> , 2019, 58, 130-137.	8.2	104
3	Magnesium-Doped MAPb <sub>3</sub> Perovskite Layers for Enhanced Photovoltaic Performance in Humid Air Atmosphere. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24543-24548.	4.0	79
4	Dependence of Acetate-Based Antisolvents for High Humidity Fabrication of CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> Perovskite Devices in Ambient Atmosphere. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16482-16489.	4.0	78
5	Enhanced Crystallization by Methanol Additive in Antisolvent for Achieving High-Quality MAPb <sub>3</sub> Perovskite Films in Humid Atmosphere. <i>ChemSusChem</i> , 2018, 11, 2348-2357.	3.6	70
6	Large-area flexible organic solar cells. <i>Npj Flexible Electronics</i> , 2021, 5, .	5.1	69
7	Interfacial Sulfur Functionalization Anchoring SnO <sub>2</sub> and CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> for Enhanced Stability and Trap Passivation in Perovskite Solar Cells. <i>ChemSusChem</i> , 2018, 11, 3941-3948.	3.6	58
8	Low Temperature Processed Fully Printed Efficient Planar Structure Carbon Electrode Perovskite Solar Cells and Modules. <i>Advanced Energy Materials</i> , 2021, 11, 2101219.	10.2	52
9	Addition Effect of Pyreneammonium Iodide to Methylammonium Lead Halide Perovskite 2D/3D Heterostructured Perovskite with Enhanced Stability. <i>Advanced Functional Materials</i> , 2018, 28, 1804856.	7.8	48
10	Fully Solution Processed Pure $\delta$ -Phase Formamidinium Lead Iodide Perovskite Solar Cells for Scalable Production in Ambient Condition. <i>Advanced Energy Materials</i> , 2020, 10, 2001869.	10.2	46
11	Upscaling Solution-Processed Perovskite Photovoltaics. <i>Advanced Energy Materials</i> , 2021, 11, 2101973.	10.2	46
12	Achieving efficient inverted perovskite solar cells with excellent electron transport and stability by employing a ladder-conjugated perylene diimide dimer. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24191-24198.	5.2	40
13	Performance Enhancement of Mesoporous TiO <sub>2</sub> -Based Perovskite Solar Cells by Sbl <sub>3</sub> Interfacial Modification Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 29630-29637.	4.0	32
14	All- <i>inorganic</i> CsPb <sub>1-x</sub> Ge <sub>x</sub> I <sub>2</sub> Br Perovskite with Enhanced Phase Stability and Photovoltaic Performance. <i>Angewandte Chemie</i> , 2018, 130, 12927-12931.	1.6	31
15	Interface engineering with a novel n-type small organic molecule for efficient inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020, 392, 123677.	6.6	31
16	Hoechst-naphthalimide dyad with dual emissions as specific and ratiometric sensor for nucleus DNA damage. <i>Chinese Chemical Letters</i> , 2017, 28, 2019-2022.	4.8	25
17	Enhanced performance of ZnO based perovskite solar cells by Nb <sub>2</sub> O <sub>5</sub> surface passivation. <i>Organic Electronics</i> , 2018, 62, 615-620.	1.4	20
18	Melamine Hydroiodide Functionalized MAPb <sub>3</sub> Perovskite with Enhanced Photovoltaic Performance and Stability in Ambient Atmosphere. <i>Solar Rrl</i> , 2019, 3, 1800275.	3.1	18

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19	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
20	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
21	Interdiffusion Stomatal Movement in Efficient Multiple-Cation-Based Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 35105-35112.	4.0	8
22	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
23	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
24	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