

Wu Qiang

List of Publications by Year in descending order

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13
papers

1,135
citations

840776

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1125743

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13
all docs

13
docs citations

13
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring polymer acceptors by electron linkers for achieving efficient and stable all-polymer solar cells. National Science Review, 2022, 9, nwab151.	9.5	41
2	Understanding the molecular mechanisms of the differences in the efficiency and stability of all-polymer solar cells. Journal of Materials Chemistry C, 2022, 10, 1850-1861.	5.5	9
3	Simultaneous Enhanced Device Efficiency and Color Neutrality in Semitransparent Organic Photovoltaics Employing a Synergy of Ternary Strategy and Optical Engineering. Advanced Functional Materials, 2022, 32, .	14.9	30
4	High-Performance All-Polymer Solar Cells with a Pseudo-Bilayer Configuration Enabled by a Stepwise Optimization Strategy. Advanced Functional Materials, 2021, 31, 2010411.	14.9	99
5	Multi-Selenophene-Containing Narrow Bandgap Polymer Acceptors for All-Polymer Solar Cells with over 15% Efficiency and High Reproducibility. Angewandte Chemie, 2021, 133, 16071-16079.	2.0	6
6	Multi-Selenophene-Containing Narrow Bandgap Polymer Acceptors for All-Polymer Solar Cells with over 15% Efficiency and High Reproducibility. Angewandte Chemie - International Edition, 2021, 60, 15935-15943.	13.8	125
7	Baseplate Temperature-Dependent Vertical Composition Gradient in Pseudo-Bilayer Films for Printing Non-Fullerene Organic Solar Cells. Advanced Energy Materials, 2021, 11, 2102135.	19.5	33
8	A Layer-by-Layer Architecture for Printable Organic Solar Cells Overcoming the Scaling Lag of Module Efficiency. Joule, 2020, 4, 407-419.	24.0	272
9	Highly Efficient All-Polymer Solar Cells Enabled by Random Ternary Copolymer Acceptors with High Tolerance on Molar Ratios. Solar Rrl, 2020, 4, 2000409.	5.8	15
10	Controlling Molecular Mass of Low-Band-Gap Polymer Acceptors for High-Performance All-Polymer Solar Cells. Joule, 2020, 4, 1070-1086.	24.0	236
11	High-performance all-polymer solar cells with only 0.47 eV energy loss. Science China Chemistry, 2020, 63, 1449-1460.	8.2	62
12	A multi-objective optimization-based layer-by-layer blade-coating approach for organic solar cells: rational control of vertical stratification for high performance. Energy and Environmental Science, 2019, 12, 3118-3132.	30.8	142
13	Slot-die printed non-fullerene organic solar cells with the highest efficiency of 12.9% for low-cost PV-driven water splitting. Nano Energy, 2019, 61, 559-566.	16.0	65