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List of Publications by Year
in descending order

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23 papers	2,369 citations	471477 17 h-index	642715 23 g-index
23 all docs	23 docs citations	23 times ranked	2840 citing authors

#	Article	IF	Citations
1	A Facile Planar Fused-Ring Electron Acceptor for As-Cast Polymer Solar Cells with 8.71% Efficiency. Journal of the American Chemical Society, 2016, 138, 2973-2976.	13.7	885
2	A spirobifluorene and diketopyrrolopyrrole moieties based non-fullerene acceptor for efficient and thermally stable polymer solar cells with high open-circuit voltage. Energy and Environmental Science, 2016, 9, 604-610.	30.8	347
3	Hidden Structure Ordering Along Backbone of Fusedâ€Ring Electron Acceptors Enhanced by Ternary Bulk Heterojunction. Advanced Materials, 2018, 30, e1802888.	21.0	212
4	Understanding Morphology Compatibility for High-Performance Ternary Organic Solar Cells. Chemistry of Materials, 2016, 28, 6186-6195.	6.7	150
5	Molecular Lock: A Versatile Key to Enhance Efficiency and Stability of Organic Solar Cells. Advanced Materials, 2016, 28, 5822-5829.	21.0	134
6	Fusedâ€Ring Electron Acceptor ITICâ€Th: A Novel Stabilizer for Halide Perovskite Precursor Solution. Advanced Energy Materials, 2018, 8, 1703399.	19.5	112
7	Energy-level modulation of non-fullerene acceptors to achieve high-efficiency polymer solar cells at a diminished energy offset. Journal of Materials Chemistry A, 2017, 5, 9649-9654.	10.3	83
8	High efficiency ternary organic solar cell with morphology-compatible polymers. Journal of Materials Chemistry A, 2017, 5, 11739-11745.	10.3	74
9	Electron acceptors with varied linkages between perylene diimide and benzotrithiophene for efficient fullerene-free solar cells. Journal of Materials Chemistry A, 2017, 5, 9396-9401.	10.3	60
10	Improved photon-to-electron response of ternary blend organic solar cells with a low band gap polymer sensitizer and interfacial modification. Journal of Materials Chemistry A, 2016, 4, 1702-1707.	10.3	45
11	Rhodanine flanked indacenodithiophene as non-fullerene acceptor for efficient polymer solar cells. Science China Chemistry, 2017, 60, 257-263.	8.2	42
12	Conjugated Polymers Based on Difluorobenzoxadiazole toward Practical Application of Polymer Solar Cells. Advanced Energy Materials, 2017, 7, 1702033.	19.5	39
13	Molecular Packing and Electronic Processes in Amorphous-like Polymer Bulk Heterojunction Solar Cells with Fullerene Intercalation. Scientific Reports, 2014, 4, 5211.	3.3	32
14	Ternary morphology facilitated thick-film organic solar cell. RSC Advances, 2015, 5, 88500-88507.	3.6	27
15	Hydrocarbonsâ€Driven Crystallization of Polymer Semiconductors for Lowâ€Temperature Fabrication of Highâ€Performance Organic Fieldâ€Effect Transistors. Advanced Functional Materials, 2018, 28, 1706372.	14.9	23
16	Electrostatic Forceâ€“Driven Oxide Heteroepitaxy for Interface Control. Advanced Materials, 2018, 30, e1707017.	21.0	23
17	Enhancing Efficiency and Stability of Organic Solar Cells by UV Absorbent. Solar Rrl, 2017, 1, 1700148.	5.8	21
18	Broadband plasmon-enhanced polymer solar cells with power conversion efficiency of 9.26% using mixed Au nanoparticles. Optics Communications, 2016, 362, 50-58.	2.1	15

#	Article	IF	Citations
19	A-D-A small molecule donors based on pyrene and diketopyrrolopyrrole for organic solar cells. Science China Chemistry, 2017, 60, 561-569.	8.2	15
20	Influence of Donorâ€“Acceptor Arrangement on Charge Transport in Conjugated Copolymers. Journal of Physical Chemistry C, 2014, 118, 5600-5605.	3.1	10
21	Poly(sodium 4-styrenseulfonate)-modified monolayer graphene for anode applications of organic photovoltaic cells. Applied Physics Letters, 2017, 111, .	3.3	10
22	In Situ Probing of the Charge Transport Process at the Polymer/Fullerene Heterojunction Interface. Journal of Physical Chemistry C, 2015, 119, 25598-25605.	3.1	5
23	New Route for Fabrication of High-Quality Zn(S,O) Buffer Layer at High Deposition Temperature on Cu(In,Ga)Se$_2$ Solar Cells. IEEE Journal of Photovoltaics, 2017, 7, 651-655.	2.5	5