

Zuojia Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pronounced Effects of a Triazine Core on Photovoltaic Performance—Efficient Organic Solar Cells Enabled by a PDI Trimer-Based Small Molecular Acceptor. <i>Advanced Materials</i> , 2017, 29, 1605115.	21.0	235
2	Highly Efficient Nonfullerene Polymer Solar Cells Enabled by a Copper(I) Coordination Strategy Employing a 1,3,4-Oxadiazole-Containing Wide-Bandgap Copolymer Donor. <i>Advanced Materials</i> , 2018, 30, e1800737.	21.0	77
3	Polymer Solar Cells Exceeding 10% Efficiency Enabled via a Facile Star-Shaped Molecular Cathode Interlayer with Variable Counterions. <i>Advanced Functional Materials</i> , 2016, 26, 4643-4652.	14.9	67
4	Solution-Processed Organic Solar Cells with 9.8% Efficiency Based on a New Small Molecule Containing a 2D Fluorinated Benzodithiophene Central Unit. <i>Advanced Electronic Materials</i> , 2016, 2, 1600061.	5.1	58
5	Solution-Processable Small Molecules for High-Performance Organic Solar Cells with Rigidly Fluorinated 2,2-Bithiophene Central Cores. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11639-11648.	8.0	46
6	Amino-Functionalized Graphene Quantum Dots as Cathode Interlayer for Efficient Organic Solar Cells: Quantum Dot Size on Interfacial Modification Ability and Photovoltaic Performance. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801480.	3.7	42
7	Self-doping small molecular conjugated electrolytes enabled by n-type side chains for highly efficient non-fullerene polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22503-22507.	10.3	31
8	Large band-gap copolymers based on a 1,2,5,6-naphthalenediimide unit for polymer solar cells with high open circuit voltages and power conversion efficiencies. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7372-7381.	10.3	25
9	Chalcogen-Atom-Annulated Perylene Diimide Trimers for Highly Efficient Nonfullerene Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700405.	3.9	23
10	Tris(8-hydroxyquinoline)aluminum(III)-Cored Molecular Cathode Interlayer: Improving Electron Mobility and Photovoltaic Efficiency of Polymer Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1800182.	5.8	22
11	The enhanced performance of fluorinated quinoxaline-containing polymers by replacing carbon with silicon bridging atoms on the dithiophene donor skeleton. <i>Polymer Chemistry</i> , 2015, 6, 2337-2347.	3.9	21
12	Highly Efficient Non-Fullerene Polymer Solar Cells Enabled by Wide Bandgap Copolymers With Conjugated Selenyl Side Chains. <i>Solar Rrl</i> , 2018, 2, 1800186.	5.8	21
13	Synthesis and characterization of copolymers based on benzotriazoles and different atom-bridged dithiophenes for efficient solar cells. <i>Polymer Chemistry</i> , 2013, 4, 2496.	3.9	17
14	Side-Chain Influence of Wide-Bandgap Copolymers Based on Naphtho[1,2-b:5,6-b']bispyrazine and Benzo[1,2-b:4,5-b']dithiophene for Efficient Photovoltaic Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18142-18150.	8.0	17
15	Highly efficient polymer solar cells via multiple cascade energy level engineering. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9119-9129.	5.5	16
16	Two-dimensional photovoltaic copolymers with spatial D-A-D structures: synthesis, characterization and hetero-atom effect. <i>Science China Chemistry</i> , 2015, 58, 276-285.	8.2	12
17	Solution-Processable All-Small-Molecules for High-Performance Nonfullerene Organic Solar Cells with High Crystallinity Acceptor. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28021-28026.	3.1	11
18	A new host material achieving above 75 cd A ⁻¹ current efficiency with top-emitting deep-red phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13247-13254.	5.5	5

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19	Highly Efficient All-Polymer Solar Cells Processed from Nonhalogenated Solvents. <i>ChemSusChem</i> , 2021, 14, 3553-3560.	6.8	4
20	Adjusting the photovoltaic performance of big fused ring-based small molecules by tailoring with different modifications. <i>RSC Advances</i> , 2021, 11, 39625-39635.	3.6	2
21	Polymer Solar Cells: Polymer Solar Cells Exceeding 10% Efficiency Enabled via a Facile Star-Shaped Molecular Cathode Interlayer with Variable Counterions (<i>Adv. Funct. Mater.</i> 26/2016). <i>Advanced Functional Materials</i> , 2016, 26, 4803-4803.	14.9	1
22	Synthesis and characterization of main-chain, second-order, nonlinear optical polyurethanes with isolation moieties and zigzag structures. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	0