

Donglin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

3,410
citations

687363

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1058476

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docs citations

14
times ranked

4353
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Bulk Heterojunction Polymer Solar Cells. <i>Chemical Reviews</i> , 2015, 115, 12666-12731.	47.7	2,308
2	Covalently Bound Clusters of Alpha-Substituted PDI Rival Electron Acceptors to Fullerene for Organic Solar Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 7248-7251.	13.7	377
3	Electron Acceptors Based on β -Substituted Perylene Diimide (PDI) for Organic Solar Cells. <i>Chemistry of Materials</i> , 2016, 28, 1139-1146.	6.7	187
4	Synthesis and Search for Design Principles of New Electron Accepting Polymers for All-Polymer Solar Cells. <i>Chemistry of Materials</i> , 2014, 26, 3450-3459.	6.7	100
5	Mechanistic Studies of Effect of Dispersity on the Photovoltaic Performance of PTB7 Polymer Solar Cells. <i>Chemistry of Materials</i> , 2015, 27, 537-543.	6.7	84
6	Propeller-Shaped Acceptors for High-Performance Non-Fullerene Solar Cells: Importance of the Rigidity of Molecular Geometry. <i>Chemistry of Materials</i> , 2017, 29, 1127-1133.	6.7	83
7	Development and Structure/Property Relationship of New Electron Accepting Polymers Based on Thieno[2,3- <i>b</i>]pyrido[2,3- <i>g</i>]thieno[3,2- <i>c</i>]quinoline-4,10-dione for All-Polymer Solar Cells. <i>Chemistry of Materials</i> , 2015, 27, 5941-5948.	6.7	60
8	Two Photon Absorption Study of Low-Bandgap, Fully Conjugated Perylene Diimide-Thienoacene-Perylene Diimide Ladder-Type Molecules. <i>Chemistry of Materials</i> , 2017, 29, 6726-6732.	6.7	55
9	Charge Transfer and Aggregation Effects on the Performance of Planar vs Twisted Nonfullerene Acceptor Isomers for Organic Solar Cells. <i>Chemistry of Materials</i> , 2018, 30, 4263-4276.	6.7	49
10	Morphological characterization of fullerene and fullerene-free organic photovoltaics by combined real and reciprocal space techniques. <i>Journal of Materials Research</i> , 2017, 32, 1921-1934.	2.6	28
11	Enhancement in Open-Circuit Voltage in Organic Solar Cells by Using Ladder-Type Nonfullerene Acceptors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13528-13533.	8.0	28
12	Intra-molecular Charge Transfer and Electron Delocalization in Non-fullerene Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10043-10052.	8.0	24
13	High Performance Ternary Organic Solar Cells due to Favored Interfacial Connection by a Non-Fullerene Electron Acceptor with Cross-Like Molecular Geometry. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11305-11311.	3.1	16
14	Controlled Self-Assembly of Cyclophane Amphiphiles: From 1D Nanofibers to Ultrathin 2D Topological Structures. <i>Macromolecules</i> , 2016, 49, 5172-5178.	4.8	11