

Yunke Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

4,230
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g-index

23
ext. papers

4,558
ext. citations

18.9
avg, IF

5.34
L-index

#	Paper	IF	Citations
23	Efficient organic solar cells processed from hydrocarbon solvents. <i>Nature Energy</i> , 2016 , 1,	62.3	1876
22	High-efficiency non-fullerene organic solar cells enabled by a difluorobenzothiadiazole-based donor polymer combined with a properly matched small molecule acceptor. <i>Energy and Environmental Science</i> , 2015 , 8, 520-525	35.4	350
21	A tetraphenylethylene core-based 3D structure small molecular acceptor enabling efficient non-fullerene organic solar cells. <i>Advanced Materials</i> , 2015 , 27, 1015-20	24	334
20	Ring-Fusion of Perylene Diimide Acceptor Enabling Efficient Nonfullerene Organic Solar Cells with a Small Voltage Loss. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16092-16095	16.4	249
19	Improved Performance of All-Polymer Solar Cells Enabled by Naphthodiperylenetetraimide-Based Polymer Acceptor. <i>Advanced Materials</i> , 2017 , 29, 1700309	24	245
18	High-Performance Non-Fullerene Polymer Solar Cells Based on a Pair of Donor-Acceptor Materials with Complementary Absorption Properties. <i>Advanced Materials</i> , 2015 , 27, 7299-304	24	219
17	A Vinylene-Bridged Perylenediimide-Based Polymeric Acceptor Enabling Efficient All-Polymer Solar Cells Processed under Ambient Conditions. <i>Advanced Materials</i> , 2016 , 28, 8483-8489	24	190
16	Roll-to-Roll Printed Large-Area All-Polymer Solar Cells with 5% Efficiency Based on a Low Crystallinity Conjugated Polymer Blend. <i>Advanced Energy Materials</i> , 2017 , 7, 1602742	21.8	179
15	A Difluorobenzoxadiazole Building Block for Efficient Polymer Solar Cells. <i>Advanced Materials</i> , 2016 , 28, 1868-73	24	118
14	Efficient non-fullerene polymer solar cells enabled by tetrahedron-shaped core based 3D-structure small-molecular electron acceptors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13632-13636	13	92
13	Dramatic performance enhancement for large bandgap thick-film polymer solar cells introduced by a difluorinated donor unit. <i>Nano Energy</i> , 2015 , 15, 607-615	17.1	89
12	Effect of Ring-Fusion on Miscibility and Domain Purity: Key Factors Determining the Performance of PDI-Based Nonfullerene Organic Solar Cells. <i>Advanced Energy Materials</i> , 2018 , 8, 1800234	21.8	59
11	A Facile Method to Fine-Tune Polymer Aggregation Properties and Blend Morphology of Polymer Solar Cells Using Donor Polymers with Randomly Distributed Alkyl Chains. <i>Advanced Energy Materials</i> , 2018 , 8, 1701895	21.8	52
10	The influence of spacer units on molecular properties and solar cell performance of non-fullerene acceptors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20108-20112	13	36
9	Chlorinated Thiophene End Groups for Highly Crystalline Alkylated Non-Fullerene Acceptors toward Efficient Organic Solar Cells. <i>Chemistry of Materials</i> , 2019 , 31, 6672-6676	9.6	32
8	Temperature-Dependent Aggregation Donor Polymers Enable Highly Efficient Sequentially Processed Organic Photovoltaics Without the Need of Orthogonal Solvents. <i>Advanced Functional Materials</i> , 2019 , 29, 1902478	15.6	23
7	Intramolecular π -stacked perylene-diimide acceptors for non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8136-8143	13	22

6	Side-chain engineering of perylenediimide-vinylene polymer acceptors for high-performance all-polymer solar cells. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1362-1368	7.8	19
5	Tweaking the Molecular Geometry of a Tetraperylenediimide Acceptor. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 6970-6977	9.5	15
4	Near-infrared electron acceptors with fused nonacyclic molecular backbones for nonfullerene organic solar cells. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1729-1738	7.8	12
3	Isobenzofulvene-fullerene mono-adducts for organic photovoltaic applications. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 977-980	7.1	10
2	Organic Solar Cells: A Tetraphenylethylene Core-Based 3D Structure Small Molecular Acceptor Enabling Efficient Non-Fullerene Organic Solar Cells (Adv. Mater. 6/2015). <i>Advanced Materials</i> , 2015 , 27, 1014-1014	24	8
1	Optically Probing Field-Dependent Charge Dynamics in Non-Fullerene Organic Photovoltaics with Small Interfacial Energy Offsets. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 1714-1722	3.8	1