

Jie Lv

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

850
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive-induced miscibility regulation and hierarchical morphology enable 17.5% binary organic solar cells. <i>Energy and Environmental Science</i> , 2021, 14, 3044-3052.	30.8	170
2	Delicate Morphology Control Triggers 14.7% Efficiency All- <i>Small-Molecule</i> Organic Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2001076.	19.5	100
3	15.8% efficiency binary all-small-molecule organic solar cells enabled by a selenophene substituted sematic liquid crystalline donor. <i>Energy and Environmental Science</i> , 2021, 14, 5366-5376.	30.8	97
4	Donor Derivative Incorporation: An Effective Strategy toward High Performance All- <i>Small-Molecule</i> Ternary Organic Solar Cells. <i>Advanced Science</i> , 2019, 6, 1901613.	11.2	93
5	15.3% Efficiency All- <i>Small-Molecule</i> Organic Solar Cells Achieved by a Locally Asymmetric F, Cl Disubstitution Strategy. <i>Advanced Science</i> , 2021, 8, 2004262.	11.2	76
6	Synergy of Liquid- <i>Crystalline Small-Molecule</i> and Polymeric Donors Delivers Uncommon Morphology Evolution and 16.6% Efficiency Organic Photovoltaics. <i>Advanced Science</i> , 2020, 7, 2000149.	11.2	67
7	Energetic Disorder and Activation Energy in Efficient Ternary Organic Solar Cells with Nonfullerene Acceptor <i>DTBR</i> as the Third Component. <i>Solar Rrl</i> , 2020, 4, 1900403.	5.8	47
8	Terminal group engineering for small-molecule donors boosts the performance of nonfullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2541-2546.	10.3	45
9	Hybrid Cathode Interlayer Enables 17.4% Efficiency Binary Organic Solar Cells. <i>Advanced Science</i> , 2022, 9, e2105575.	11.2	31
10	Enhanced Photovoltaic Performance in D- <i>A</i> Copolymers Containing Triisopropylsilylethynyl-Substituted Dithienobenzodithiophene by Modulating the Electron-Deficient Units. <i>Polymers</i> , 2019, 11, 12.	4.5	28
11	Simple near-Infrared Nonfullerene Acceptors Enable Organic Solar Cells with >9% Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6717-6723.	8.0	28
12	Self-assembly enables simple structure organic photovoltaics via green-solvent and open-air-printing: Closing the lab-to-fab gap. <i>Materials Today</i> , 2022, 55, 46-55.	14.2	23
13	Effects of Fluorination on Fused Ring Electron Acceptor for Active Layer Morphology, Exciton Dissociation, and Charge Recombination in Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56231-56239.	8.0	15
14	High Sensitivity of Non- <i>Fullerene</i> Organic Solar Cells Morphology and Performance to a Processing Additive. <i>Small</i> , 2022, 18, e2202411.	10.0	13
15	14.7% all-small-molecule organic solar cells enabled by fullerene derivative incorporation. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3593-3597.	4.9	10
16	Cyano-functionalized small-molecule acceptors for high-efficiency wide-bandgap organic solar cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9195-9200.	5.5	7