

Mingyu Zhang

List of Publications by Year in descending order

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1040056
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12
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1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Perovskite/Organic Photovoltaics with Ultrahigh Photocurrent and Photoresponse Approaching 1000â€‰%nm. Solar Rrl, 2020, 4, 2000140.	5.8	19
2	Enhancing the Performance of a Fused-Ring Electron Acceptor by Unidirectional Extension. Journal of the American Chemical Society, 2019, 141, 19023-19031.	13.7	136
3	New roles of fused-ring electron acceptors in organic solar cells. Journal of Materials Chemistry A, 2019, 7, 4766-4770.	10.3	5
4	Pairing 1D/2D-conjugation donors/acceptors towards high-performance organic solar cells. Materials Chemistry Frontiers, 2019, 3, 276-283.	5.9	9
5	Nonfullerene nâ€¢Type Organic Semiconductors for Perovskite Solar Cells. Advanced Energy Materials, 2019, 9, 1900860.	19.5	63
6	High-Performance Fused Ring Electron Acceptorâ€¢Perovskite Hybrid. Journal of the American Chemical Society, 2018, 140, 14938-14944.	13.7	71
7	Realizing Small Energy Loss of 0.55 eV, High Openâ€¢Circuit Voltage >1 V and High Efficiency >10% in Fullereneâ€¢Free Polymer Solar Cells via Energy Driver. Advanced Materials, 2017, 29, 1605216.	21.0	230
8	Highâ€¢Mobility pâ€¢Type Organic Semiconducting Interlayer Enhancing Efficiency and Stability of Perovskite Solar Cells. Advanced Science, 2017, 4, 1700025.	11.2	36
9	A low temperature processed fused-ring electron transport material for efficient planar perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 24820-24825.	10.3	46
10	An amino-substituted perylene diimide polymer for conventional perovskite solar cells. Materials Chemistry Frontiers, 2017, 1, 2078-2084.	5.9	26
11	Effect of electron-withdrawing units on triphenylamine-based small molecules for solution-processed organic solar cells. Science China Chemistry, 2015, 58, 331-338.	8.2	6
12	Nonfullerene acceptors based on extended fused rings flanked with benzothiadiazolylmethylenemalononitrile for polymer solar cells. Journal of Materials Chemistry A, 2015, 3, 20758-20766.	10.3	88