Mingyu Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8417339/publications.pdf

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12	735	1039880 9	1199470 12
papers	citations	h-index	g-index

12	12	12	1475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	11.1	230
2	Enhancing the Performance of a Fused-Ring Electron Acceptor by Unidirectional Extension. Journal of the American Chemical Society, 2019, 141, 19023-19031.	6.6	136
3	Nonfullerene acceptors based on extended fused rings flanked with benzothiadiazolylmethylenemalononitrile for polymer solar cells. Journal of Materials Chemistry A, 2015, 3, 20758-20766.	5.2	88
4	High-Performance Fused Ring Electron Acceptorâ€“Perovskite Hybrid. Journal of the American Chemical Society, 2018, 140, 14938-14944.	6.6	71
5	Nonfullerene nâ€Type Organic Semiconductors for Perovskite Solar Cells. Advanced Energy Materials, 2019, 9, 1900860.	10.2	63
6	A low temperature processed fused-ring electron transport material for efficient planar perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 24820-24825.	5.2	46
7	Highâ€Mobility pâ€Type Organic Semiconducting Interlayer Enhancing Efficiency and Stability of Perovskite Solar Cells. Advanced Science, 2017, 4, 1700025.	5.6	36
8	An amino-substituted perylene diimide polymer for conventional perovskite solar cells. Materials Chemistry Frontiers, 2017, 1, 2078-2084.	3.2	26
9	Integrated Perovskite/Organic Photovoltaics with Ultrahigh Photocurrent and Photoresponse Approaching 1000â€‰nm. Solar Rrl, 2020, 4, 2000140.	3.1	19
10	Pairing 1D/2D-conjugation donors/acceptors towards high-performance organic solar cells. Materials Chemistry Frontiers, 2019, 3, 276-283.	3.2	9
11	Effect of electron-withdrawing units on triphenylamine-based small molecules for solution-processed organic solar cells. Science China Chemistry, 2015, 58, 331-338.	4.2	6
12	New roles of fused-ring electron acceptors in organic solar cells. Journal of Materials Chemistry A, 2019, 7, 4766-4770.	5.2	5