Yufei Zhong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10017025/publications.pdf

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14	782	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	1653
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase Transition Control for High-Performance Blade-Coated Perovskite Solar Cells. Joule, 2018, 2, 1313-1330.	24.0	180
2	Blade-Coated Hybrid Perovskite Solar Cells with Efficiency > 17%: An In Situ Investigation. ACS Energy Letters, 2018, 3, 1078-1085.	17.4	171
3	Sub-picosecond charge-transfer at near-zero driving force in polymer:non-fullerene acceptor blends and bilayers. Nature Communications, 2020, 11, 833.	12.8	130
4	Key Tradeoffs Limiting the Performance of Organic Photovoltaics. Advanced Energy Materials, 2018, 8, 1703551.	19.5	71
5	Enhancement of V_{OC} without Loss of J_{SC} in Organic Solar Cells by Modification of Donor/Acceptor Interfaces. Advanced Energy Materials, 2014, 4, 1301332.	19.5	54
6	Crystallization-Induced Energy Level Change of [6,6]-Phenyl-C₆₁-Butyric Acid Methyl Ester (PCBM) Film: Impact of Electronic Polarization Energy. Journal of Physical Chemistry C, 2015, 119, 23-28.	3.1	44
7	Mesostructured Fullerene Electrodes for Highly Efficient nâ€“iâ€“p Perovskite Solar Cells. ACS Energy Letters, 2016, 1, 1049-1056.	17.4	37
8	Electric Fieldâ€Induced Dipole Switching at the Donor/Acceptor Interface in Organic Solar Cells. Advanced Materials, 2013, 25, 1071-1075.	21.0	35
9	Interface-induced crystallization and nanostructure formation of [6,6]-phenyl-C₆₁-butyric acid methyl ester (PCBM) in polymer blend films and its application in photovoltaics. Journal of Materials Chemistry A, 2016, 4, 3335-3341.	10.3	14
10	Short Excitedâ€State Lifetimes Mediate Chargeâ€Recombination Losses in Organic Solar Cell Blends with Low Chargeâ€Transfer Driving Force. Advanced Materials, 2022, 34, e2101784.	21.0	11
11	Conjugated Polymer Mesocrystals with Structural and Optoelectronic Coherence and Anisotropy in Three Dimensions. Advanced Materials, 2022, 34, e2103002.	21.0	11
12	Donor/Acceptor Interface Modifications in Organic Solar Cells. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 181-184.	0.3	9
13	Controlling Phase Transition toward Future Low-Cost and Eco-friendly Printing of Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2022, 13, 6503-6513.	4.6	9
14	Conjugated polymers with controllable interfacial order and energetics enable tunable heterojunctions in organic and colloidal quantum dot photovoltaics. Journal of Materials Chemistry A, 2022, 10, 1788-1801.	10.3	6