

Yufei Zhong

List of Publications by Year in descending order

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papers

782
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840776

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1653
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#	ARTICLE	IF	CITATIONS
1	Short Excited State Lifetimes Mediate Charge Recombination Losses in Organic Solar Cell Blends with Low Charge Transfer Driving Force. <i>Advanced Materials</i> , 2022, 34, e2101784.	21.0	11
2	Conjugated Polymer Mesocrystals with Structural and Optoelectronic Coherence and Anisotropy in Three Dimensions. <i>Advanced Materials</i> , 2022, 34, e2103002.	21.0	11
3	Conjugated polymers with controllable interfacial order and energetics enable tunable heterojunctions in organic and colloidal quantum dot photovoltaics. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1788-1801.	10.3	6
4	Controlling Phase Transition toward Future Low-Cost and Eco-friendly Printing of Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 6503-6513.	4.6	9
5	Sub-picosecond charge-transfer at near-zero driving force in polymer:non-fullerene acceptor blends and bilayers. <i>Nature Communications</i> , 2020, 11, 833.	12.8	130
6	Blade-Coated Hybrid Perovskite Solar Cells with Efficiency > 17%: An In Situ Investigation. <i>ACS Energy Letters</i> , 2018, 3, 1078-1085.	17.4	171
7	Key Tradeoffs Limiting the Performance of Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2018, 8, 1703551.	19.5	71
8	Phase Transition Control for High-Performance Blade-Coated Perovskite Solar Cells. <i>Joule</i> , 2018, 2, 1313-1330.	24.0	180
9	Mesostructured Fullerene Electrodes for Highly Efficient n-i-p Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2016, 1, 1049-1056.	17.4	37
10	Interface-induced crystallization and nanostructure formation of [6,6]-phenyl-C ₆₁ -butyric acid methyl ester (PCBM) in polymer blend films and its application in photovoltaics. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3335-3341.	10.3	14
11	Crystallization-Induced Energy Level Change of [6,6]-Phenyl-C ₆₁ -Butyric Acid Methyl Ester (PCBM) Film: Impact of Electronic Polarization Energy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23-28.	3.1	44
12	Enhancement of V_{OC} without Loss of J_{SC} in Organic Solar Cells by Modification of Donor/Acceptor Interfaces. <i>Advanced Energy Materials</i> , 2014, 4, 1301332.	19.5	54
13	Electric Field-Induced Dipole Switching at the Donor/Acceptor Interface in Organic Solar Cells. <i>Advanced Materials</i> , 2013, 25, 1071-1075.	21.0	35
14	Donor/Acceptor Interface Modifications in Organic Solar Cells. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2013, 26, 181-184.	0.3	9