

Lin Feng

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

495
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Förster resonance energy transfer effects in non-fullerene ternary organic solar cells with the third component embedded in the donor and acceptor. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12120-12130.	10.3	102
2	Recent Advances of Plasmonic Organic Solar Cells: Photophysical Investigations. <i>Polymers</i> , 2018, 10, 123.	4.5	67
3	Improving the Compatibility of Donor Polymers in Efficient Ternary Organic Solar Cells via Post-Additive Soaking Treatment. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 618-627.	8.0	51
4	An Obvious Improvement in the Performance of Ternary Organic Solar Cells with "Guest" Donor Present at the "Host" Donor/Acceptor Interface. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23212-23221.	8.0	44
5	Noseleaf Dynamics during Pulse Emission in Horseshoe Bats. <i>PLoS ONE</i> , 2012, 7, e34685.	2.5	35
6	Functionalized Graphene Oxide Enables a High-Performance Bulk Heterojunction Organic Solar Cell with a Thick Active Layer. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6238-6248.	4.6	34
7	Exploring the mechanisms of exciton diffusion improvement in ternary polymer solar cells: From ultrafast to ultraslow temporal scale. <i>Nano Energy</i> , 2021, 79, 105513.	16.0	31
8	High-Performance Ternary Organic Solar Cells with Morphology-Modulated Hole Transfer and Improved Ultraviolet Photostability. <i>Solar Rrl</i> , 2020, 4, 2000165.	5.8	30
9	Effective Exciton Dissociation and Reduced Charge Recombination in Thick-Film Organic Solar Cells via Incorporation of Insulating Polypropylene. <i>Solar Rrl</i> , 2019, 3, 1900087.	5.8	19
10	Multiple Temporal-Scale Photocarrier Dynamics Induced by Synergistic Effects of Fluorination and Chlorination in Highly Efficient Nonfullerene Organic Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900552.	5.8	19
11	Quantitatively Characterized Crystallization Effect on Recombination Energy Loss in Non-Fullerene Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12676-12683.	3.1	15
12	Improved compatibility of DDAB-functionalized graphene oxide with a conjugated polymer by isocyanate treatment. <i>RSC Advances</i> , 2017, 7, 17633-17639.	3.6	12
13	Modification of Hole Transport Layers for Fabricating High Performance Non-fullerene Polymer Solar Cells. <i>Chinese Journal of Chemistry</i> , 2020, 38, 817-822.	4.9	12
14	Efficient photoluminescence enhancement and tunable photocarrier transfer in vertical 2D organic-inorganic heterostructure by energy funneling. <i>2D Materials</i> , 2021, 8, 025026.	4.4	10
15	Performance Enhancement in Polymer-Based Organic Optoelectronic Devices Enabled By Discontinuous Metal Interlayer. <i>IEEE Journal of Photovoltaics</i> , 2016, 6, 1522-1529.	2.5	4
16	Manipulating the interlayer carrier diffusion and extraction process in organic-inorganic heterojunctions: from 2D to 3D structures. <i>Npj 2D Materials and Applications</i> , 2022, 6, .	7.9	4
17	Dynamic behavioral strategies during sonar signal emission in roundleaf bats. <i>Physiology and Behavior</i> , 2013, 122, 172-177.	2.1	2
18	Multiple Temporal-Scale Photocarrier Dynamics Induced by Synergistic Effects of Fluorination and Chlorination in Highly Efficient Nonfullerene Organic Solar Cells. <i>Solar Rrl</i> , 2020, 4, 2070046.	5.8	2

#	ARTICLE	IF	CITATIONS
19	Photophysical Behaviors at Interfaces between Poly(3-Hexylthiophene) and Zinc Oxide Nanostructures. <i>Materials Transactions</i> , 2017, 58, 1106-1110.	1.2	1