

Jingwen Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1749102/publications.pdf>

Version: 2024-02-01

19
papers

1,250
citations

687363

13
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Completely non-fused electron acceptor with 3D-interpenetrated crystalline structure enables efficient and stable organic solar cell. <i>Nature Communications</i> , 2021, 12, 5093.	12.8	210
2	Recent Progress in Chlorinated Organic Photovoltaic Materials. <i>Accounts of Chemical Research</i> , 2020, 53, 822-832.	15.6	198
3	A New Polymer Donor Enables Binary All-Polymer Organic Photovoltaic Cells with 18% Efficiency and Excellent Mechanical Robustness. <i>Advanced Materials</i> , 2022, 34, .	21.0	150
4	Tuning the Hybridization of Local Exciton and Charge-Transfer States in Highly Efficient Organic Photovoltaic Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9004-9010.	13.8	144
5	A New Conjugated Polymer that Enables the Integration of Photovoltaic and Light-Emitting Functions in One Device. <i>Advanced Materials</i> , 2021, 33, e2101090.	21.0	129
6	Molecular design revitalizes the low-cost PTV-polymer for highly efficient organic solar cells. <i>National Science Review</i> , 2021, 8, nwab031.	9.5	70
7	Progress in Organic Solar Cells: Materials, Physics and Device Engineering. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2607-2625.	4.9	62
8	Impact of Electrostatic Interaction on Bulk Morphology in Efficient Donor-Acceptor Photovoltaic Blends. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15988-15994.	13.8	60
9	Efficient charge generation at low energy losses in organic solar cells: a key issues review. <i>Reports on Progress in Physics</i> , 2020, 83, 082601.	20.1	43
10	Recent progress in reducing voltage loss in organic photovoltaic cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 709-722.	5.9	41
11	Organic photovoltaic cells with high efficiencies for both indoor and outdoor applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 893-900.	5.9	32
12	Miscibility Control by Tuning Electrostatic Interactions in Bulk Heterojunction for Efficient Organic Solar Cells. , 2021, 3, 1276-1283.		26
13	Tuning the Hybridization of Local Exciton and Charge-Transfer States in Highly Efficient Organic Photovoltaic Cells. <i>Angewandte Chemie</i> , 2020, 132, 9089-9095.	2.0	24
14	Squaraine organic crystals with strong dipole effect toward stable lithium-organic batteries. <i>Energy Storage Materials</i> , 2021, 41, 240-247.	18.0	16
15	Design of ultra-high luminescent polymers for organic photovoltaic cells with low energy loss. <i>Chemical Communications</i> , 2021, 57, 9132-9135.	4.1	12
16	Universal Hole Transporting Material via Mutual Doping for Conventional, Inverted, and Blade-Coated Large-Area Organic Solar Cells. <i>Chemistry of Materials</i> , 2022, 34, 6312-6322.	6.7	12
17	Impact of Electrostatic Interaction on Bulk Morphology in Efficient Donor-Acceptor Photovoltaic Blends. <i>Angewandte Chemie</i> , 2021, 133, 16124-16130.	2.0	11
18	Design of ultranarrow-bandgap acceptors for efficient organic photovoltaic cells and highly sensitive organic photodetectors. <i>Journal of Energy Chemistry</i> , 2022, 72, 388-394.	12.9	10

#	ARTICLE	IF	CITATIONS
19	Squaraine Organic Crystals with Strong Dipole Effect Toward Stable Lithium-Organic Batteries. SSRN Electronic Journal, 0, , .	0.4	0