

Baocai Du

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

258
citations

11
h-index

16
g-index

19
ext. papers

360
ext. citations

9.7
avg, IF

3.31
L-index

#	Paper	IF	Citations
18	Polymer/non-fullerene acceptor bulk heterojunction nanoparticles for efficient photocatalytic hydrogen production from water. <i>Polymer</i> , 2022 , 244, 124667	3.9	2
17	Reduced miscibility between highly compatible non-fullerene acceptor and donor enables efficient ternary organic solar cells. <i>Polymer</i> , 2021 , 236, 124322	3.9	3
16	Minimizing the Thickness of Ethoxylated Polyethylenimine to Produce Stable Low-Work Function Interface for Nonfullerene Organic Solar Cells. <i>Advanced Energy and Sustainability Research</i> , 2021 , 2, 2000094	1.6	6
15	Heating induced aggregation in non-fullerene organic solar cells towards high performance. <i>Journal of Energy Chemistry</i> , 2021 , 54, 131-137	12	14
14	Temperature Induced Aggregation of Organic Semiconductors. <i>Chemistry - A European Journal</i> , 2021 , 27, 2908-2919	4.8	14
13	Simultaneously Enhanced Efficiency and Operational Stability of Nonfullerene Organic Solar Cells via Solid-Additive-Mediated Aggregation Control. <i>Small</i> , 2021 , 17, e2102558	11	13
12	Dopant-free polymeric hole transport materials for efficient CsPbI ₂ Br perovskite cells with a fill factor exceeding 84%. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8507-8514	7.1	12
11	Modulation of J-Aggregation of Nonfullerene Acceptors toward Near-Infrared Absorption and Enhanced Efficiency. <i>Macromolecules</i> , 2020 , 53, 3747-3755	5.5	24
10	Fluorinated solid additives enable high efficiency non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 4230-4238	13	30
9	Non-fullerene acceptor fibrils enable efficient ternary organic solar cells with 16.6% efficiency. <i>Science China Chemistry</i> , 2020 , 63, 1461-1468	7.9	25
8	13.9% Efficiency Ternary Nonfullerene Organic Solar Cells Featuring Low-Structural Order. <i>ACS Energy Letters</i> , 2019 , 4, 2378-2385	20.1	42
7	Molecular Ordering and Performance of Ternary Nonfullerene Organic Solar Cells via Bar-Coating in Air with an Efficiency over 13. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 35827-35834	9.5	14
6	Regulating the morphology of fluorinated non-fullerene acceptor and polymer donor via binary solvent mixture for high efficiency polymer solar cells. <i>Science China Chemistry</i> , 2019 , 62, 1221-1229	7.9	23
5	Non-fullerene acceptor pre-aggregates enable high efficiency pseudo-bulk heterojunction organic solar cells. <i>Science China Chemistry</i> , 1	7.9	4
4	Heating-induced aggregation control for efficient sequential-cast organic solar cells. <i>Aggregate</i> , e104	22.9	3
3	Cold-Aging and Solvent Vapor Mediated Aggregation Control toward 18% Efficiency Binary Organic Solar Cells. <i>Advanced Energy Materials</i> , 2102000	21.8	22
2	Hot-Casting Boosts Efficiency of Halogen-Free Solvent Processed Non-Fullerene Organic Solar Cells. <i>Advanced Functional Materials</i> , 2105794	15.6	4

1 Binary Additive Engineering Enables Efficient Perovskite Solar Cells via Spray-Coating in Air. *ACS Applied Energy Materials*, 6.1 3