

# Baocai Du

## List of Publications by Citations

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18  
papers

258  
citations

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h-index

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g-index

19  
ext. papers

360  
ext. citations

9.7  
avg. IF

3.31  
L-index

#	Paper	IF	Citations
18	13.9% Efficiency Ternary Nonfullerene Organic Solar Cells Featuring Low-Structural Order. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 2378-2385	20.1	42
17	Fluorinated solid additives enable high efficiency non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 4230-4238	13	30
16	Non-fullerene acceptor fibrils enable efficient ternary organic solar cells with 16.6% efficiency. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1461-1468	7.9	25
15	Modulation of J-Aggregation of Nonfullerene Acceptors toward Near-Infrared Absorption and Enhanced Efficiency. <i>Macromolecules</i> , <b>2020</b> , 53, 3747-3755	5.5	24
14	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> , <b>2019</b> , 62, 1221-1229	7.9	23
13	Cold-Aging and Solvent Vapor Mediated Aggregation Control toward 18% Efficiency Binary Organic Solar Cells. <i>Advanced Energy Materials</i> , 2102000	21.8	22
12	Molecular Ordering and Performance of Ternary Nonfullerene Organic Solar Cells via Bar-Coating in Air with an Efficiency over 13. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 35827-35834	9.5	14
11	Heating induced aggregation in non-fullerene organic solar cells towards high performance. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 54, 131-137	12	14
10	Temperature Induced Aggregation of Organic Semiconductors. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2908-2919	4.8	14
9	Simultaneously Enhanced Efficiency and Operational Stability of Nonfullerene Organic Solar Cells via Solid-Additive-Mediated Aggregation Control. <i>Small</i> , <b>2021</b> , 17, e2102558	11	13
8	Dopant-free polymeric hole transport materials for efficient CsPbI <sub>2</sub> Br perovskite cells with a fill factor exceeding 84%. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8507-8514	7.1	12
7	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> , <b>2021</b> , 2, 2000094	1.6	6
6	Non-fullerene acceptor pre-aggregates enable high efficiency pseudo-bulk heterojunction organic solar cells. <i>Science China Chemistry</i> , 1	7.9	4
5	Hot-Casting Boosts Efficiency of Halogen-Free Solvent Processed Non-Fullerene Organic Solar Cells. <i>Advanced Functional Materials</i> , 2105794	15.6	4
4	Reduced miscibility between highly compatible non-fullerene acceptor and donor enables efficient ternary organic solar cells. <i>Polymer</i> , <b>2021</b> , 236, 124322	3.9	3
3	Heating-induced aggregation control for efficient sequential-cast organic solar cells. <i>Aggregate</i> , e104	22.9	3
2	Binary Additive Engineering Enables Efficient Perovskite Solar Cells via Spray-Coating in Air. <i>ACS Applied Energy Materials</i> ,	6.1	3

- 1 Polymer/non-fullerene acceptor bulk heterojunction nanoparticles for efficient photocatalytic hydrogen production from water. *Polymer*, **2022**, 244, 124667 3.9 2