

Huitao Bai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

4,960
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

3614
citing authors

#	ARTICLE	IF	CITATIONS
1	An Electron Acceptor Challenging Fullerenes for Efficient Polymer Solar Cells. <i>Advanced Materials</i> , 2015, 27, 1170-1174.	21.0	3,365
2	High-performance fullerene-free polymer solar cells with 6.31% efficiency. <i>Energy and Environmental Science</i> , 2015, 8, 610-616.	30.8	587
3	A planar electron acceptor for efficient polymer solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 3215-3221.	30.8	307
4	An electron acceptor based on indacenodithiophene and 1,1-dicyanomethylene-3-indanone for fullerene-free organic solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1910-1914.	10.3	137
5	Acceptor-Donor-Acceptor Small Molecules Based on Indacenodithiophene for Efficient Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8426-8433.	8.0	135
6	Roll-Coated Fabrication of Fullerene-Free Organic Solar Cells with Improved Stability. <i>Advanced Science</i> , 2015, 2, 1500096.	11.2	89
7	Nonfullerene acceptors based on extended fused rings flanked with benzothiadiazolymethylenemalononitrile for polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20758-20766.	10.3	88
8	A bipolar small molecule based on indacenodithiophene and diketopyrrolopyrrole for solution processed organic solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 778-784.	10.3	87
9	Photomultiplication photodetectors with P3HT:fullerene-free material as the active layers exhibiting a broad response. <i>Nanoscale</i> , 2016, 8, 5578-5586.	5.6	77
10	Enhancing performance of non-fullerene organic solar cells via side chain engineering of fused-ring electron acceptors. <i>Dyes and Pigments</i> , 2017, 139, 627-634.	3.7	48
11	Comparison of conventional and inverted structures in fullerene-free organic solar cells. <i>Journal of Energy Chemistry</i> , 2015, 24, 744-749.	12.9	20
12	An all Prussian blue analog-based aprotic sodium-ion battery. , 2022, 1, .		13
13	Effect of electron-withdrawing units on triphenylamine-based small molecules for solution-processed organic solar cells. <i>Science China Chemistry</i> , 2015, 58, 331-338.	8.2	6