

Jieming Zhen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

472
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile mechanochemical route to a covalently bonded graphitic carbon nitride (g-C ₃ N ₄) and fullerene hybrid toward enhanced visible light photocatalytic hydrogen production. <i>Nanoscale</i> , 2017, 9, 5615-5623.	5.6	89
2	Pyridine-functionalized fullerene additive enabling coordination interactions with CH ₃ NH ₃ PbI ₃ perovskite towards highly efficient bulk heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2754-2763.	10.3	83
3	Successive surface engineering of TiO ₂ compact layers via dual modification of fullerene derivatives affording hysteresis-suppressed high-performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1724-1733.	10.3	77
4	Anchoring Fullerene onto Perovskite Film via Grafting Pyridine toward Enhanced Electron Transport in High-Efficiency Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32471-32482.	8.0	73
5	An ethanolamine-functionalized fullerene as an efficient electron transport layer for high-efficiency inverted polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8072-8079.	10.3	47
6	Imidazole-Functionalized Fullerene as a Vertically Phase-Separated Cathode Interfacial Layer of Inverted Ternary Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2720-2729.	8.0	33
7	Osmium Bipyridine-Containing Redox Polymers Based on Cellulose and Their Reversible Redox Activity. <i>Journal of Physical Chemistry B</i> , 2012, 116, 55-62.	2.6	31
8	Steering the electron transport properties of pyridine-functionalized fullerene derivatives in inverted perovskite solar cells: the nitrogen site matters. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3872-3881.	10.3	25
9	Efficiency enhancement of polymer solar cells by applying an alcohol-soluble fullerene aminoethanol derivative as a cathode buffer layer. <i>Organic Electronics</i> , 2016, 39, 191-198.	2.6	11
10	Functionalization of fullerene by polyethylene glycol toward promoted electron transport in inverted polymer solar cells. <i>Organic Electronics</i> , 2020, 77, 105502.	2.6	3
11	Photoexcitation in Donor-Acceptor Dyads Based on Endohedral Fullerenes and Their Applications in Organic Photovoltaics. <i>Nanostructure Science and Technology</i> , 2017, , 103-122.	0.1	0