

Jin Fang

List of Publications by Year in descending order

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14
papers

1,715
citations

623734

14
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2440
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorination-enabled optimal morphology leads to over 11% efficiency for inverted small-molecule organic solar cells. <i>Nature Communications</i> , 2016, 7, 13740.	12.8	549
2	Conjugated Polymer–Small Molecule Alloy Leads to High Efficient Ternary Organic Solar Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 8176-8183.	13.7	518
3	Synergistic Effect of Polymer and Small Molecules for High-Performance Ternary Organic Solar Cells. <i>Advanced Materials</i> , 2015, 27, 1071-1076.	21.0	192
4	Acceptor End-Capped Oligomeric Conjugated Molecules with Broadened Absorption and Enhanced Extinction Coefficients for High-Efficiency Organic Solar Cells. <i>Advanced Materials</i> , 2016, 28, 5980-5985.	21.0	87
5	Biomimetic Superhelical Conducting Microfibers with Homochirality for Enantioselective Sensing. <i>Journal of the American Chemical Society</i> , 2014, 136, 578-581.	13.7	74
6	Enhancing the Photovoltaic Performance via Vertical Phase Distribution Optimization in Small Molecule:PC ₇₁ BM Blends. <i>Advanced Energy Materials</i> , 2017, 7, 1701548.	19.5	57
7	Naphtho[1,2-b:5,6-b ²]dithiophene Based Two-Dimensional Conjugated Polymers for Highly Efficient Thick-Film Inverted Polymer Solar Cells. <i>Chemistry of Materials</i> , 2014, 26, 6947-6954.	6.7	45
8	Understanding the Impact of Hierarchical Nanostructure in Ternary Organic Solar Cells. <i>Advanced Science</i> , 2015, 2, 1500250.	11.2	43
9	Macroscopic helical chirality and self-motion of hierarchical self-assemblies induced by enantiomeric small molecules. <i>Nature Communications</i> , 2018, 9, 3808.	12.8	34
10	Versatile asymmetric thiophene/benzothiophene flanked diketopyrrolopyrrole polymers with ambipolar properties for OFETs and OSCs. <i>Polymer Chemistry</i> , 2017, 8, 5603-5610.	3.9	33
11	Evolution of morphology and open-circuit voltage in alloy-energy transfer coexisting ternary organic solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9859-9866.	10.3	30
12	Critical Role of Vertical Phase Separation in Small-Molecule Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12913-12920.	8.0	21
13	High open-circuit voltage ternary organic solar cells based on ICBA as acceptor and absorption-complementary donors. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1223-1228.	5.9	18
14	A novel small molecule based on naphtho[1,2-b:5,6-b ²]dithiophene benefits both fullerene and non-fullerene solar cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 143-148.	5.9	14