

Jinfeng Ge

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,031
citations

516710

16
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752698

20
g-index

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docs citations

20
times ranked

926
citing authors

#	ARTICLE	IF	CITATIONS
1	13.34% Efficiency Non-Fullerene All-Small-Molecule Organic Solar Cells Enabled by Modulating the Crystallinity of Donors via a Fluorination Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2808-2815.	13.8	161
2	Recent progress of organic photovoltaics for indoor energy harvesting. <i>Nano Energy</i> , 2021, 82, 105770.	16.0	128
3	16.55% efficiency ternary organic solar cells enabled by incorporating a small molecular donor. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25894-25899.	10.3	88
4	Solvent Annealing Enables 15.39% Efficiency All-Small-Molecule Solar Cells through Improved Molecule Interconnection and Reduced Non-Radiative Loss. <i>Advanced Energy Materials</i> , 2021, 11, 2100800.	19.5	86
5	Crumple Durable Ultraflexible Organic Solar Cells with an Excellent Power-Weight Performance. <i>Advanced Functional Materials</i> , 2021, 31, 2102694.	14.9	78
6	Over 14% efficiency nonfullerene all-small-molecule organic solar cells enabled by improving the ordering of molecular donors via side-chain engineering. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7405-7411.	10.3	69
7	Graphene:silver nanowire composite transparent electrode based flexible organic solar cells with 13.4% efficiency. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22021-22028.	10.3	59
8	Asymmetric Substitution of End-Groups Triggers 16.34% Efficiency for All-Small-Molecule Organic Solar Cells. <i>Advanced Materials</i> , 2022, 34, .	21.0	59
9	High-Efficiency Thermal-Annealing-Free Organic Solar Cells Based on an Asymmetric Acceptor with Improved Thermal and Air Stability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57271-57280.	8.0	44
10	Fine-Tuning the Dipole Moment of Asymmetric Non-Fullerene Acceptors Enabling Efficient and Stable Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23983-23992.	8.0	41
11	Over 14% Efficiency Folding-Flexible ITO-free Organic Solar Cells Enabled by Eco-friendly Acid-Processed Electrodes. <i>IScience</i> , 2020, 23, 100981.	4.1	40
12	Improved phase stability of CsPbI_2Br perovskite by released microstrain toward highly efficient and stable solar cells. <i>Informa Materials</i> , 2021, 3, 1431-1444.	17.3	31
13	18.01% Efficiency organic solar cell and 2.53% light utilization efficiency semitransparent organic solar cell enabled by optimizing PM6:Y6 active layer morphology. <i>Science China Chemistry</i> , 2022, 65, 1615-1622.	8.2	26
14	Imidazolium Ionic Liquid as Organic Spacer for Tuning the Excitonic Structure of 2D Perovskite Materials. <i>ACS Energy Letters</i> , 2020, 5, 3617-3627.	17.4	24
15	High efficiency ternary organic solar cells enabled by compatible dual-donor strategy with planar conjugated structures. <i>Science China Chemistry</i> , 2020, 63, 917-923.	8.2	24
16	Understanding the Effect of Sequential Deposition Processing for High-Efficient Organic Photovoltaics to Harvest Sunlight and Artificial Light. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20405-20416.	8.0	19
17	Achieving 18.14% Efficiency of Ternary Organic Solar Cells with Alloyed Nonfullerene Acceptor. <i>Small Structures</i> , 2021, 2, 2100099.	12.0	16
18	Crystallinity modulation of donors by heteroatom side-chain engineering and solvent additive achieving 14.3% all-small-molecule organic solar cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9635-9642.	10.3	15

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19	Modulation of the Fluorination Site on Side-Chain Thiophene Improved Efficiency in All-Small-Molecule Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33234-33241.	8.0	12
20	13.34% Efficiency Non-Fullerene All-Small-Molecule Organic Solar Cells Enabled by Modulating the Crystallinity of Donors via a Fluorination Strategy. <i>Angewandte Chemie</i> , 2020, 132, 2830-2837.	2.0	11