Jinfeng Ge

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9593780/publications.pdf

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20 papers	1,031 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	926 citing authors

#	Article	IF	Citations
1	Crystallinity modulation of donors by heteroatom side-chain engineering and solvent additive achieving 14.3% all-small-molecule organic solar cells. Journal of Materials Chemistry A, 2022, 10, 9635-9642.	10.3	15
2	Asymmetric Substitution of Endâ€Groups Triggers 16.34% Efficiency for Allâ€Smallâ€Molecule Organic Solar Cells. Advanced Materials, 2022, 34, .	21.0	59
3	18.01% Efficiency organic solar cell and 2.53% light utilization efficiency semitransparent organic solar cell enabled by optimizing PM6:Y6 active layer morphology. Science China Chemistry, 2022, 65, 1615-1622.	8.2	26
4	Modulation of the Fluorination Site on Side-Chain Thiophene Improved Efficiency in All-Small-Molecule Organic Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 33234-33241.	8.0	12
5	Recent progress of organic photovoltaics for indoor energy harvesting. Nano Energy, 2021, 82, 105770.	16.0	128
6	Understanding the Effect of Sequential Deposition Processing for High-Efficient Organic Photovoltaics to Harvest Sunlight and Artificial Light. ACS Applied Materials & Interfaces, 2021, 13, 20405-20416.	8.0	19
7	Solvent Annealing Enables 15.39% Efficiency Allâ€Smallâ€Molecule Solar Cells through Improved Molecule Interconnection and Reduced Nonâ€Radiative Loss. Advanced Energy Materials, 2021, 11, 2100800.	19.5	86
8	Crumple Durable Ultraflexible Organic Solar Cells with an Excellent Powerâ€perâ€Weight Performance. Advanced Functional Materials, 2021, 31, 2102694.	14.9	78
9	Fine-Tuning the Dipole Moment of Asymmetric Non-Fullerene Acceptors Enabling Efficient and Stable Organic Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 23983-23992.	8.0	41
10	Improved phase stability of <scp>CsPbI₂Br</scp> perovskite by released microstrain toward highly efficient and stable solar cells. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 1431-1444.	17.3	31
11	Achieving 18.14% Efficiency of Ternary Organic Solar Cells with Alloyed Nonfullerene Acceptor. Small Structures, 2021, 2, 2100099.	12.0	16
12	13.34â€‰% Efficiency Nonâ€Fullerene Allâ€Smallâ€Molecule Organic Solar Cells Enabled by Modulating the Crystallinity of Donors via a Fluorination Strategy. Angewandte Chemie - International Edition, 2020, 59, 2808-2815.	13.8	161
13	13.34â€‰% Efficiency Nonâ€Fullerene Allâ€Smallâ€Molecule Organic Solar Cells Enabled by Modulating the Crystallinity of Donors via a Fluorination Strategy. Angewandte Chemie, 2020, 132, 2830-2837.	2.0	11
14	Imidazolium Ionic Liquid as Organic Spacer for Tuning the Excitonic Structure of 2D Perovskite Materials. ACS Energy Letters, 2020, 5, 3617-3627.	17.4	24
15	High-Efficiency Thermal-Annealing-Free Organic Solar Cells Based on an Asymmetric Acceptor with Improved Thermal and Air Stability. ACS Applied Materials & Interfaces, 2020, 12, 57271-57280.	8.0	44
16	Over 14% efficiency nonfullerene all-small-molecule organic solar cells enabled by improving the ordering of molecular donors via side-chain engineering. Journal of Materials Chemistry A, 2020, 8, 7405-7411.	10.3	69
17	Over 14% Efficiency Folding-Flexible ITO-free Organic Solar Cells Enabled by Eco-friendly Acid-Processed Electrodes. IScience, 2020, 23, 100981.	4.1	40
18	High efficiency ternary organic solar cells enabled by compatible dual-donor strategy with planar conjugated structures. Science China Chemistry, 2020, 63, 917-923.	8.2	24

#	Article	IF	Citations
19	Graphene:silver nanowire composite transparent electrode based flexible organic solar cells with 13.4% efficiency. Journal of Materials Chemistry A, 2019, 7, 22021-22028.	10.3	59
20	16.55% efficiency ternary organic solar cells enabled by incorporating a small molecular donor. Journal of Materials Chemistry A, 2019, 7, 25894-25899.	10.3	88