Yanliang Liu

List of Publications by Year
in descending order

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12	215	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Curvature effects of electron-donating polymers on the device performance of non-fullerene organic solar cells. Journal of Power Sources, 2021, 482, 229045.	7.8	12
2	Molecular aggregation method for perovskiteâ€“fullerene bulk heterostructure solar cells. Journal of Materials Chemistry A, 2020, 8, 1326-1334.	10.3	15
3	Oneâ€Pot Exfoliation of Graphitic C₃N₄ Quantum Dots for Blue QLEDs by Methylamine Intercalation. Small, 2019, 15, e1902735.	10.0	26
4	Efficient Polymeric Donor for Both Visible and Near-Infrared-Absorbing Organic Solar Cells. ACS Applied Energy Materials, 2019, 2, 4284-4291.	5.1	6
5	Fluorescence spectroscopy-based study of balanced transport of charge carriers in hot-air-annealed perovskites. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 68-72.	3.9	2
6	Improved Moisture Stability of Perovskite Solar Cells with a Surfaceâ€Treated PCBM Layer. Solar Rrl, 2019, 3, 1800289.	5.8	20
7	Effects of replacing benzodithiophene with a benzothiadiazole derivative on an efficient wide band-gap benzodithiophene-alt-pyrrolo[3,4-c]pyrrole-1,3(2H,5H)-dione copolymer. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 368, 162-167.	3.9	6
8	Highly crystalline new benzodithiopheneâ€“benzothiadiazole copolymer for efficient ternary polymer solar cells with an energy conversion efficiency of over 10%. Journal of Materials Chemistry C, 2018, 6, 4281-4289.	5.5	31
9	Bulk Heterojunction-Assisted Grain Growth for Controllable and Highly Crystalline Perovskite Films. ACS Applied Materials & Interfaces, 2018, 10, 31366-31373.	8.0	17
10	Single-Crystal-like Perovskite for High-Performance Solar Cells Using the Effective Merged Annealing Method. ACS Applied Materials & Interfaces, 2017, 9, 12382-12390.	8.0	41
11	Understanding and Tailoring Grain Growth of Lead-Halide Perovskite for Solar Cell Application. ACS Applied Materials & Interfaces, 2017, 9, 33925-33933.	8.0	39
12	Effective methods for improving device performances of P-I-N perovskite solar cells. , 2017, , .		0