

Jiajun Qin

List of Publications by Year in descending order

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25
papers

669
citations

759233

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677142

22
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docs citations

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times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Uniform Permutation of Quasi-2D Perovskites by Vacuum Poling for Efficient, High-Fill-Factor Solar Cells. <i>Joule</i> , 2019, 3, 3061-3071.	24.0	177
2	Lead-free Cs ₂ BiAgBr ₆ Double Perovskite-based Humidity Sensor with Superfast Recovery Time. <i>Advanced Functional Materials</i> , 2019, 29, 1902234.	14.9	143
3	Extremely Low Dark Current MoS ₂ Photodetector via 2D Halide Perovskite as the Electron Reservoir. <i>Advanced Optical Materials</i> , 2020, 8, 1901402.	7.3	55
4	Carrier Dynamics and Evaluation of Lasing Actions in Halide Perovskites. <i>Trends in Chemistry</i> , 2021, 3, 34-46.	8.5	47
5	Time resolved surface photovoltage measurements using a big data capture approach to KPFM. <i>Nanotechnology</i> , 2018, 29, 445703.	2.6	36
6	Enabling Self-passivation by Attaching Small Grains on Surfaces of Large Grains toward High-Performance Perovskite LEDs. <i>IScience</i> , 2019, 19, 378-387.	4.1	26
7	Highly Efficient 1D/3D Ferroelectric Perovskite Solar Cell. <i>Advanced Functional Materials</i> , 2021, 31, 2100205.	14.9	24
8	Dynamic Redistribution of Mobile Ions in Perovskite Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2021, 31, 2007596.	14.9	23
9	Color-Stable Blue Light-Emitting Diodes Enabled by Effective Passivation of Mixed Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6041-6047.	4.6	21
10	Effect of Bathocuproine Organic Additive on Optoelectronic Properties of Highly Efficient Methylammonium Lead Bromide Perovskite Light-Emitting Diodes. <i>ACS Applied Energy Materials</i> , 2018, 1, 6992-6998.	5.1	20
11	Amplified Spontaneous Emission Realized by Cogrowing Large/Small Grains with Self-passivating Defects and Aligning Transition Dipoles. <i>Advanced Optical Materials</i> , 2019, 7, 1900345.	7.3	19
12	Optically Induced Static Magnetization in Metal Halide Perovskite for Spin-related Optoelectronics. <i>Advanced Science</i> , 2021, 8, 2004488.	11.2	14
13	Memory Devices via Unipolar Resistive Switching in Symmetric Organic-Inorganic Perovskite Nanoscale Heterolayers. <i>ACS Applied Nano Materials</i> , 2020, 3, 11889-11896.	5.0	11
14	Doping Induced Orbital-Orbit Interaction between Excitons While Enhancing Photovoltaic Performance in Tin Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6996-7001.	4.6	10
15	Polarization effects of transition dipoles on photoluminescence and photocurrent in organic-inorganic hybrid perovskites. <i>Nano Energy</i> , 2019, 65, 104004.	16.0	7
16	Giant magneto field effect in up-conversion amplified spontaneous emission via spatially extended states in organic-inorganic hybrid perovskites. <i>Opto-Electronic Advances</i> , 2022, 5, 200051-200051.	13.3	7
17	Effect of diffusion current on fill factor in organic solar cells. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 205105.	2.8	6
18	Chirality Induced Crystal Structural Difference in Metal Halide Composites. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	6

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19	TOP-electrode-eliminated organic bi-stable devices and their two switching modes in different atmospheres. <i>Organic Electronics</i> , 2015, 22, 127-131.	2.6	5
20	Experimental evidence of harmful exciton dissociation at MoO ₃ /CuPc interface in OPV. <i>Journal of Applied Physics</i> , 2016, 120, 145501.	2.5	5
21	Aligning Transition Dipole Moment toward Light Amplification and Polarized Emission in Hybrid Perovskites. <i>Advanced Optical Materials</i> , 2021, 9, 2100984.	7.3	4
22	Square wave voltages-induced ON states of organic resistive memory devices. <i>Applied Physics Letters</i> , 2016, 109, 153303.	3.3	2
23	Field-dependent, organics assistant filamentary mechanism in both vertical and planar organic memories. <i>Organic Electronics</i> , 2018, 53, 83-87.	2.6	1
24	Hole Injection Enhancement of MoO ₃ /NPB/Al Composite Anode [*] . <i>Chinese Physics Letters</i> , 2019, 36, 127201.	3.3	0
25	Revealing Charge Transfer Dynamics in Methylammonium Lead Bromide Perovskites via Transient Photoluminescence Characterization. <i>ACS Applied Energy Materials</i> , 0, , .	5.1	0