

# Jiajun Qin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7160218/publications.pdf>

Version: 2024-02-01

25  
papers

669  
citations

759233

12  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1113  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Chirality Induced Crystal Structural Difference in Metal Halide Composites. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	6
3	Dynamic Redistribution of Mobile Ions in Perovskite Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2021, 31, 2007596.	14.9	23
4	Carrier Dynamics and Evaluation of Lasing Actions in Halide Perovskites. <i>Trends in Chemistry</i> , 2021, 3, 34-46.	8.5	47
5	Highly Efficient 1D/3D Ferroelectric Perovskite Solar Cell. <i>Advanced Functional Materials</i> , 2021, 31, 2100205.	14.9	24
6	Optically Induced Static Magnetization in Metal Halide Perovskite for Spin-Related Optoelectronics. <i>Advanced Science</i> , 2021, 8, 2004488.	11.2	14
7	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
8	Aligning Transition Dipole Moment toward Light Amplification and Polarized Emission in Hybrid Perovskites. <i>Advanced Optical Materials</i> , 2021, 9, 2100984.	7.3	4
9	Doping Induced Orbital-Orbital 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
10	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
11	Extremely Low Dark Current MoS <sub>2</sub> Photodetector via 2D Halide Perovskite as the Electron Reservoir. <i>Advanced Optical Materials</i> , 2020, 8, 1901402.	7.3	55
12	Polarization effects of transition dipoles on photoluminescence and photocurrent in organic-inorganic hybrid perovskites. <i>Nano Energy</i> , 2019, 65, 104004.	16.0	7
13	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
14	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
15	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
16	Lead-Free Cs <sub>2</sub> BiAgBr <sub>6</sub> Double Perovskite-Based Humidity Sensor with Superfast Recovery Time. <i>Advanced Functional Materials</i> , 2019, 29, 1902234.	14.9	143
17	Hole Injection Enhancement of MoO <sub>3</sub> /NPB/Al Composite Anode <sup>*</sup> . <i>Chinese Physics Letters</i> , 2019, 36, 127201.	3.3	0
18	Field-dependent, organics assistant filamentary mechanism in both vertical and planar organic memories. <i>Organic Electronics</i> , 2018, 53, 83-87.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Effect of Bathocuproine Organic Additive on Optoelectronic Properties of Highly Efficient Methylammonium Lead Bromide Perovskite Light-Emitting Diodes. ACS Applied Energy Materials, 2018, 1, 6992-6998.	5.1	20
20	Time resolved surface photovoltage measurements using a big data capture approach to KPFM. Nanotechnology, 2018, 29, 445703.	2.6	36
21	Effect of diffusion current on fill factor in organic solar cells. Journal Physics D: Applied Physics, 2016, 49, 205105.	2.8	6
22	Square wave voltages-induced ON states of organic resistive memory devices. Applied Physics Letters, 2016, 109, 153303.	3.3	2
23	Experimental evidence of harmful exciton dissociation at MoO <sub>3</sub> /CuPc interface in OPV. Journal of Applied Physics, 2016, 120, 145501.	2.5	5
24	TOP-electrode-eliminated organic bi-stable devices and their two switching modes in different atmospheres. Organic Electronics, 2015, 22, 127-131.	2.6	5
25	Revealing Charge Transfer Dynamics in Methylammonium Lead Bromide Perovskites via Transient Photoluminescence Characterization. ACS Applied Energy Materials, 0, , .	5.1	0