

Guanghaojie Zheng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9307052/guanghaojie-zheng-publications-by-citations.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	2,390 citations	16 h-index	26 g-index
26 ext. papers	2,916 ext. citations	14.1 avg, IF	4.87 L-index

#	Paper	IF	Citations
25	A Eu-Eu ion redox shuttle imparts operational durability to Pb-I perovskite solar cells. <i>Science</i> , 2019 , 363, 265-270	33.3	533
24	Cation and anion immobilization through chemical bonding enhancement with fluorides for stable halide perovskite solar cells. <i>Nature Energy</i> , 2019 , 4, 408-415	62.3	511
23	Chemical Reduction of Intrinsic Defects in Thicker Heterojunction Planar Perovskite Solar Cells. <i>Advanced Materials</i> , 2017 , 29, 1606774	24	267
22	Exploration of Crystallization Kinetics in Quasi Two-Dimensional Perovskite and High Performance Solar Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 459-465	16.4	248
21	Manipulation of facet orientation in hybrid perovskite polycrystalline films by cation cascade. <i>Nature Communications</i> , 2018 , 9, 2793	17.4	127
20	The Progress of Interface Design in Perovskite-Based Solar Cells. <i>Advanced Energy Materials</i> , 2016 , 6, 1600460	21.8	121
19	Enhanced physical properties of pulsed laser deposited NiO films via annealing and lithium doping for improving perovskite solar cell efficiency. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7084-7094	7.1	92
18	CsI Pre-Intercalation in the Inorganic Framework for Efficient and Stable FA Cs PbI (Cl) Perovskite Solar Cells. <i>Small</i> , 2017 , 13, 1700484	11	88
17	A Thermodynamically Favored Crystal Orientation in Mixed Formamidinium/Methylammonium Perovskite for Efficient Solar Cells. <i>Advanced Materials</i> , 2019 , 31, e1900390	24	62
16	Toward Full Solution Processed Perovskite/Si Monolithic Tandem Solar Device With PCE Exceeding 20%. <i>Solar Rrl</i> , 2017 , 1, 1700149	7.1	54
15	Tailored Au@TiO ₂ nanostructures for the plasmonic effect in planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12034-12042	13	51
14	To probe the performance of perovskite memory devices: defects property and hysteresis. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5810-5817	7.1	46
13	Interfacial electronic structures revealed at the rubrene/CHNHPbI interface. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 6546-6553	3.6	41
12	A low temperature processed fused-ring electron transport material for efficient planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24820-24825	13	36
11	High-Mobility p-Type Organic Semiconducting Interlayer Enhancing Efficiency and Stability of Perovskite Solar Cells. <i>Advanced Science</i> , 2017 , 4, 1700025	13.6	29
10	A disorder-free conformation boosts phonon and charge transfer in an electron-deficient-core-based non-fullerene acceptor. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 8566-8574	13	27
9	An amino-substituted perylene diimide polymer for conventional perovskite solar cells. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2078-2084	7.8	15

8	A-Site Cation Effect on Growth Thermodynamics and Photoconductive Properties in Ultrapure Lead Iodine Perovskite Monocrystalline Wires. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25985-25994	9.5	9
7	The energy level alignment at the CH ₃ NH ₃ PbI ₃ /pentacene interface. <i>Applied Surface Science</i> , 2017 , 393, 417-421	6.7	9
6	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	6.4	7
5	Novel meta-phase arising from large atomic size mismatch. <i>Matter</i> , 2022 ,	12.7	5
4	MoO ₃ doped PTAA for high-performance inverted perovskite solar cells. <i>Applied Surface Science</i> , 2022 , 571, 151301	6.7	5
3	Impacts of MAPbBr ₃ Additive on Crystallization Kinetics of FAPbI ₃ Perovskite for High Performance Solar Cells. <i>Coatings</i> , 2021 , 11, 545	2.9	3
2	Impact of Amine Additives on Perovskite Precursor Aging: A Case Study of Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5836-5843	6.4	3
1	Tartaric acid additive to enhance perovskite multiple preferential orientations for high-performance solar cells. <i>Journal of Energy Chemistry</i> , 2022 , 69, 406-413	12	1