Jong Woo Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9578885/publications.pdf

Version: 2024-02-01

22	790	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	1509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A highly stable and efficient carbon electrode-based perovskite solar cell achieved via interfacial growth of 2D PEA₂PbI₄ perovskite. Journal of Materials Chemistry A, 2018, 6, 24560-24568.	10.3	76
2	Superfast Roomâ€Temperature Activation of SnO₂ Thin Films via Atmospheric Plasma Oxidation and their Application in Planar Perovskite Photovoltaics. Advanced Materials, 2018, 30, 1704825.	21.0	73
3	Large Grain-Based Hole-Blocking Layer-Free Planar-Type Perovskite Solar Cell with Best Efficiency of 18.20%. ACS Applied Materials & Interfaces, 2017, 9, 8113-8120.	8.0	72
4	Target-specific near-IR induced drug release and photothermal therapy with accumulated Au/Ag hollow nanoshells on pulmonary cancer cell membranes. Biomaterials, 2015, 45, 81-92.	11.4	69
5	Synergistic Effects of Cation and Anion in an Ionic Imidazolium Tetrafluoroborate Additive for Improving the Efficiency and Stability of Halfâ€Mixed Pbâ€Sn Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2008801.	14.9	66
6	Size effects of a graphene quantum dot modified-blocking TiO2layer for efficient planar perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 16834-16842.	10.3	65
7	Outstanding Performance of Holeâ€Blocking Layerâ€Free Perovskite Solar Cell Using Hierarchically Porous Fluorineâ€Doped Tin Oxide Substrate. Advanced Energy Materials, 2017, 7, 1700749.	19.5	50
8	Preparation of non-aggregated fluorescent nanodiamonds (FNDs) by non-covalent coating with a block copolymer and proteins for enhancement of intracellular uptake. Molecular BioSystems, 2013, 9, 1004.	2.9	46
9	Efficient and moisture-resistant hole transport layer for inverted perovskite solar cells using solution-processed polyaniline. Journal of Materials Chemistry C, 2018, 6, 6250-6256.	5.5	32
10	Highly Efficient Hole Transport Layerâ€Free Low Bandgap Mixed Pbâ€“Sn Perovskite Solar Cells Enabled by a Binary Additive System. Advanced Functional Materials, 2022, 32, 2110069.	14.9	30
11	Highly Crystalline Perovskite-Based Photovoltaics via Two-Dimensional Liquid Cage Annealing Strategy. Journal of the American Chemical Society, 2019, 141, 5808-5814.	13.7	29
12	Enhanced Photocurrent Generation by FÃ¶rster Resonance Energy Transfer between Phospholipid-Assembled Conjugated Oligoelectrolytes and Nile Red. Journal of Physical Chemistry C, 2013, 117, 3298-3307.	3.1	27
13	Abnormal spatial heterogeneity governing the charge-carrier mechanism in efficient Ruddlesdenâ€“Popper perovskite solar cells. Energy and Environmental Science, 2021, 14, 4915-4925.	30.8	24
14	Ultrasensitive Nearâ€Infrared Circularly Polarized Light Detection Using 3D Perovskite Embedded with Chiral Plasmonic Nanoparticles. Advanced Science, 2022, 9, e2104598.	11.2	23
15	Fluorine plasma treatment on carbon-based perovskite solar cells for rapid moisture protection layer formation and performance enhancement. Chemical Communications, 2020, 56, 535-538.	4.1	22
16	Shedding new light on an old molecule: quinophthalone displays uncommon N-to-O excited state intramolecular proton transfer (ESIPT) between photobases. Scientific Reports, 2017, 7, 3863.	3.3	15
17	Highly fluorescent and water soluble turn-on type diarylethene for super-resolution bioimaging over a broad pH range. Dyes and Pigments, 2018, 158, 36-41.	3.7	15
18	Fluorescence Quenching of 4,4â€²-Dimethoxytriphenylamine-Substituted Diketopyrrolopyrrole via Intramolecular Photoinduced Electron Transfer. Journal of Physical Chemistry C, 2019, 123, 24263-24274.	3.1	15

#	Article	IF	Citations
19	Noncanonical DNA-binding mode of repressor and its disassembly by antirepressor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2480-8.	7.1	14
20	Live bio-imaging with fully bio-compatible organic fluorophores. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 52-57.	3.8	11
21	Generation of highly luminescent micro rings by optical irradiation. Chemical Communications, 2017, 53, 7642-7644.	4.1	1
22	Sub-nanoscale probing of nanojunction using heterogeneous gap-mode Raman spectroscopy. Chemical Communications, 2020, 56, 4047-4050.	4.1	1