

Heyong Wang

List of Publications by Year in descending order

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14
papers

1,363
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

2269
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Redistribution of Mobile Ions in Perovskite Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2021, 31, 2007596.	14.9	23
2	Critical role of additive-induced molecular interaction on the operational stability of perovskite light-emitting diodes. <i>Joule</i> , 2021, 5, 618-630.	24.0	99
3	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
4	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.	4.6	6
5	Aligning Transition Dipole Moment toward Light Amplification and Polarized Emission in Hybrid Perovskites. <i>Advanced Optical Materials</i> , 2021, 9, 2100984.	7.3	4
6	Spacer Cation Alloying in Ruddlesden-Popper Perovskites for Efficient Red Light-Emitting Diodes with Precisely Tunable Wavelengths. <i>Advanced Materials</i> , 2021, 33, e2104381.	21.0	41
7	Single-emissive-layer all-perovskite white light-emitting diodes employing segregated mixed halide perovskite crystals. <i>Chemical Science</i> , 2020, 11, 11338-11343.	7.4	18
8	Dimensional Tailoring of Ultrahigh Vacuum Annealing-Assisted Quantum Wells for the Efficiency Enhancement of Perovskite Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24965-24970.	8.0	2
9	Perovskite-molecule composite thin films for efficient and stable light-emitting diodes. <i>Nature Communications</i> , 2020, 11, 891.	12.8	83
10	High-Quality Ruddlesden-Popper Perovskite Films Based on In Situ Formed Organic Spacer Cations. <i>Advanced Materials</i> , 2019, 31, e1904243.	21.0	35
11	Efficient and Tunable Electroluminescence from In Situ Synthesized Perovskite Quantum Dots. <i>Small</i> , 2019, 15, e1804947.	10.0	23
12	Rational molecular passivation for high-performance perovskite light-emitting diodes. <i>Nature Photonics</i> , 2019, 13, 418-424.	31.4	970
13	Efficient perovskite light-emitting diodes based on a solution-processed tin dioxide electron transport layer. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6996-7002.	5.5	25
14	Efficient light-emitting diodes based on in-situ self-assembled perovskite nanocrystals. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	1.3	12