

Perovskite Light-Emitting Diodes with EQE Exceeding Dual-Additive Strategy for Defect Passivation and Nan

Advanced Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lewis adduct approach for self-assembled block copolymer perovskite quantum dots composite toward optoelectronic application: Challenges and prospects. <i>Chemical Engineering Journal</i> , 2022, 431, 133701.	6.6	19
2	Ion Migration in Perovskite Light-Emitting Diodes: Mechanism, Characterizations, and Material and Device Engineering. <i>Advanced Materials</i> , 2022, 34, e2108102.	11.1	85
3	Dimension tailoring via antisolvent enables efficient perovskite light-emitting diodes. <i>Materials Today Nano</i> , 2022, 17, 100170.	2.3	5
4	Tuning Precursor-Amine Interactions for Light-Emitting Lead Bromide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 704-710.	2.1	5
5	ZnO-Based Electron-Transporting Layers for Perovskite Light-Emitting Diodes: Controlling the Interfacial Reactions. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 694-703.	2.1	19
6	Efficient Green Quasi-Two-Dimensional Perovskite Light-Emitting Diodes Based on Mix-Interlayer. <i>Frontiers in Chemistry</i> , 2021, 9, 825822.	1.8	1
7	Interface engineering improves the performance of green perovskite light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2998-3005.	2.7	16
8	Further Advancement of Perovskite Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 274-290.	2.1	9
9	Design of two-dimensional halide perovskite composites for optoelectronic applications and beyond. <i>Materials Advances</i> , 2022, 3, 756-778.	2.6	14
10	Phosphonate/Phosphine Oxide Dyad Additive for Efficient Perovskite Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
11	Amplified Spontaneous Emission with a Low Threshold from Quasi-2D Perovskite Films via Phase Engineering and Surface Passivation. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	15
12	Phosphonate/Phosphine Oxide Dyad Additive for Efficient Perovskite Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	39
13	12-Crown-4 ether assisted in-situ grown perovskite crystals for ambient stable light emitting diodes. <i>Nano Energy</i> , 2022, 95, 107000.	8.2	11
14	Small amines bring big benefits to perovskite-based solar cells and light-emitting diodes. <i>CheM</i> , 2022, 8, 351-383.	5.8	35
15	Ultra-Thermostability of Spatially Confined and Fully Protected Perovskite Nanocrystals by In Situ Crystallization. <i>Small</i> , 2022, 18, e2107452.	5.2	7
16	Effect of post-annealing on thermally evaporated reduced-dimensional perovskite LEDs. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	9
17	Bright CsPbBr ₃ Perovskite Nanocrystals with Improved Stability by In-Situ Zn-Doping. <i>Nanomaterials</i> , 2022, 12, 759.	1.9	10
18	Passivation Layer of Potassium Iodide Yielding High Efficiency and Stable Deep Red Perovskite Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16404-16412.	4.0	17

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19	In Situ Fabrication of Cs ₃ Cu ₂ I ₅ : TI Nanocrystal Films for High-Resolution and Ultrastable X-ray Imaging. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2862-2870.	2.1	39
20	Star perovskite materials. <i>Journal of Semiconductors</i> , 2022, 43, 030203.	2.0	56
21	Revealing a Zinc Oxide/Perovskite Luminescence Quenching Mechanism Targeting Low-Roll-off Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3121-3129.	2.1	7
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23	High-Brightness Perovskite Microcrystalline Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2963-2968.	2.1	5
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26	High-Efficiency Air-Processed Si-Based Perovskite Light-Emitting Devices via PMMA-TPAPF ₆ Co-Doping. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	9
27	Spacer Organic Cation Engineering for Quasi-2D Metal Halide Perovskites and the Optoelectronic Application. <i>Small Structures</i> , 2022, 3, .	6.9	26
28	2D/3D Heterojunction perovskite light-emitting diodes with tunable ultrapure blue emissions. <i>Nano Energy</i> , 2022, 97, 107181.	8.2	32
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35	Highly emissive and color-tunable copper-based halide composites for bright white light-emitting diodes. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1647-1657.	3.2	4
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43	Micro-Nano Structure Functionalized Perovskite Optoelectronics: From Structure Functionalities to Device Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	25
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56	Constructing Effective Hole Transport Channels in Cross-Linked Hole Transport Layer by Stacking Discotic Molecules for High Performance Deep Blue QLEDs. <i>Advanced Science</i> , 2022, 9, .	5.6	16
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116	Halide Chemistry in Tin Perovskite Optoelectronics: Bottlenecks and Opportunities. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
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