

Metal halide perovskites for light-emitting diodes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Shining a light on perovskite devices. Nature Electronics, 2020, 3, 657-657.	13.1	3
2	Universal Strategy of 3D and 2D Hybrid Perovskites Single Crystal Growth via In Situ Solvent Conversion. Chemistry of Materials, 2020, 32, 9805-9812.	3.2	18
3	Single-emissive-layer all-perovskite white light-emitting diodes employing segregated mixed halide perovskite crystals. Chemical Science, 2020, 11, 11338-11343.	3.7	18
4	Exploiting the Lability of Metal Halide Perovskites for Doping Semiconductor Nanocomposites. ACS Energy Letters, 2021, 6, 581-587.	8.8	12
5	Improvement of photoluminescence intensity and film morphology of perovskite by ionic liquids additive. E3S Web of Conferences, 2021, 257, 03066.	0.2	3
6	High-efficiency sky blue perovskite light-emitting diodes with ammonium thiocyanate additive. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 198502.	0.2	0
7	The regulatory effect of triphenylphosphine oxide on perovskites for morphological and radiative improvement. Journal of Materials Chemistry C, 2021, 9, 6399-6403.	2.7	2
8	Halide perovskites for light emission and artificial photosynthesis: Opportunities, challenges, and perspectives. EcoMat, 2021, 3, e12074.	6.8	29
9	Lead-free halide perovskites: a review of the structure-property relationship and applications in light emitting devices and radiation detectors. Journal of Materials Chemistry A, 2021, 9, 11931-11943.	5.2	42
10	Mixed halide perovskites for spectrally stable and high-efficiency blue light-emitting diodes. Nature Communications, 2021, 12, 361.	5.8	268
11	Quasi-2D bromide perovskite nanocrystals with narrow phase distribution prepared using ternary organic cations for sky-blue light-emitting diodes. Applied Physics Letters, 2021, 118, 083302.	1.5	7
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13	Transition from conventional lasers to plasmonic spasers: a review. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	7
14	The Opto-Electronic Functional Devices Based on Three-Dimensional Lead Halide Perovskites. Applied Sciences (Switzerland), 2021, 11, 1453.	1.3	11
15	Composition Optimization of Multifunctional CsPb(Br/I) ₃ Perovskite Nanocrystals Glasses with High Photoluminescence Quantum Yield. Advanced Optical Materials, 2021, 9, 2002075.	3.6	13
16	Electroluminescence Principle and Performance Improvement of Metal Halide Perovskite Light-Emitting Diodes. Advanced Optical Materials, 2021, 9, 2002167.	3.6	49
17	Efficient and Bright Pure-Blue All-Inorganic Perovskite Light-Emitting Diodes from an Ecofriendly Alloy. Journal of Physical Chemistry Letters, 2021, 12, 1747-1753.	2.1	25
18	Two-Dimensional Dion-Jacobson Structure Perovskites for Efficient Sky-Blue Light-Emitting Diodes. ACS Energy Letters, 2021, 6, 908-914.	8.8	49

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19	Effective Phase Control for High-Performance Red-Light-Emitting Quasi-2D Perovskite Solar Cells via MACI Additive. <i>ACS Applied Energy Materials</i> , 2021, 4, 2856-2863.	2.5	25
20	High-performance quasi-2D perovskite light-emitting diodes: from materials to devices. <i>Light: Science and Applications</i> , 2021, 10, 61.	7.7	235
21	Critical role of additive-induced molecular interaction on the operational stability of perovskite light-emitting diodes. <i>Joule</i> , 2021, 5, 618-630.	11.7	99
22	Lasing in the space charge limited current regime. <i>Physical Review B</i> , 2021, 103, .	1.1	4
23	Moving Binary-Color Heterojunction for Spatiotemporal Multilevel Encryption <i>via</i> Directional Swelling and Anion Exchange. <i>ACS Nano</i> , 2021, 15, 7628-7637.	7.3	19
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38	Reduction of Hysteresis in Hybrid Perovskite Transistors by Solvent-Controlled Growth. <i>Materials</i> , 2021, 14, 2573.	1.3	6
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