

Tuning the Luminescence of Layered Halide Perovskites

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Electron-Phonon Couplings Inherent in Polarons Drive Exciton Dynamics in Two-Dimensional Metal-Halide Perovskites. <i>Chemistry of Materials</i> , 2019, 31, 7085-7091.	6.7	40
2	Lead-Free Halide Perovskites and Perovskite Variants as Phosphors toward Light-Emitting Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31575-31584.	8.0	114
3	Fluorinated Spacers Regulate the Emission and Bandgap of Two-Dimensional Single-Layered Lead Bromide Perovskites by Hydrogen Bonding. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5271-5276.	4.6	28
4	Orange to Red, Emission-Tunable Mn-Doped Two-Dimensional Perovskites with High Luminescence and Stability. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34109-34116.	8.0	75
5	Two-Dimensional Dion-Jacobson Hybrid Lead Iodide Perovskites with Aromatic Diammonium Cations. <i>Journal of the American Chemical Society</i> , 2019, 141, 12880-12890.	13.7	241
6	Synthetic Variation and Structural Trends in Layered Two-Dimensional Alkylammonium Lead Halide Perovskites. <i>Chemistry of Materials</i> , 2019, 31, 5592-5607.	6.7	80
7	Emerging 2D materials for room-temperature polaritonics. <i>Nanophotonics</i> , 2019, 8, 1547-1558.	6.0	30
8	Synthesis of Polycrystalline Ruddlesden-Popper Organic Lead Halides and Their Growth Dynamics. <i>Chemistry of Materials</i> , 2019, 31, 9472-9479.	6.7	18
9	Mechanochromic and Electroluminescence Properties of a Layered Hybrid Perovskite Belonging to the $\langle 110 \rangle$ Series. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4527-4531.	2.0	15
10	Single-Component White-Light Emission in 2D Hybrid Perovskites with Hybridized Halogen Atoms. <i>Advanced Optical Materials</i> , 2019, 7, 1901335.	7.3	71
11	Essential Amino Acid-Enabled Lead Bromide Perovskite Nanocrystals with High Stability. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900328.	2.3	13
12	Tuning Electronic Structure in Layered Hybrid Perovskites with Organic Spacer Substitution. <i>Nano Letters</i> , 2019, 19, 8732-8740.	9.1	41
13	Inorganic Cage Motion Dominates Excited-State Dynamics in 2D-Layered Perovskites (C ₄ H ₂ N ₂) ₂ (NH ₃) ₂ PbI ₄ (C ₄ H ₂ N ₂ = 4 ⁻ 9). <i>Journal of Physical Chemistry C</i> , 2019, 123, 27904-27916.	8.8	106
14	Intrinsic Self-Trapped Emission in OD Lead-Free (C ₄ H ₁₄ N ₂) ₂ In ₂ Br ₁₀ Single Crystal. <i>Angewandte Chemie</i> , 2019, 131, 15581-15586.	2.0	190
15	Two-dimensional lead-free halide perovskite materials and devices. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23563-23576.	10.3	65
16	Seven-Layered 2D Hybrid Lead Iodide Perovskites. <i>CheM</i> , 2019, 5, 2593-2604.	11.7	79
17	Intrinsic Self-Trapped Emission in OD Lead-Free (C ₄ H ₁₄ N ₂) ₂ In ₂ Br ₁₀ Single Crystal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15435-15440.	13.8	244
18	A hybrid blue perovskite@metal-organic gel (MOC) nanocomposite: simultaneous improvement of luminescence and stability. <i>Chemical Science</i> , 2019, 10, 10524-10530.	7.4	30

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20	Active meta-optics and nanophotonics with halide perovskites. <i>Applied Physics Reviews</i> , 2019, 6, 031307.	11.3	68
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22	Layered Lead Iodide of [Methylhydrazinium] ₂ Pb ₄ with a Reduced Band Gap: Thermochromic Luminescence and Switchable Dielectric Properties Triggered by Structural Phase Transitions. <i>Chemistry of Materials</i> , 2019, 31, 8563-8575.	6.7	72
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26	Tunable internal quantum well alignment in rationally designed oligomer-based perovskite films deposited by resonant infrared matrix-assisted pulsed laser evaporation. <i>Materials Horizons</i> , 2019, 6, 1707-1716.	12.2	48
27	Dual phosphorescence from the organic and inorganic moieties of 1D hybrid perovskites of the Pb ²⁺ Br ₄ n ²⁺ series (n = 2, 3, 4, 5). <i>Journal of Materials Chemistry C</i> , 2019, 7, 4424-4433.	10.5	38
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30	Lead-Free Perovskites for Lighting and Lasing Applications: A Minireview. <i>Materials</i> , 2019, 12, 3845.	2.9	28
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32	A moisture-stable organosulfonate-based metal-organic framework with intrinsic self-trapped white-light emission. <i>Chemical Communications</i> , 2020, 56, 1325-1328.	4.1	12
33	OD Cs ₃ Cu ₂ X ₅ (X = I, Br, and Cl) Nanocrystals: Colloidal Syntheses and Optical Properties. <i>Small</i> , 2020, 16, e1905226.	10.0	158
34	Breaking Forbidden Transitions for Emission of Self-Trapped Excitons in Two Dimensional (F ₂ CHCH ₂ NH ₃) ₂ CdBr ₄ Perovskite through Pb Alloying. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 199-205.	4.6	50
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75	Three-Dimensional Cuprous Lead Bromide Framework with Highly Efficient and Stable Blue Photoluminescence Emission. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16465-16469.	13.8	51
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93	FA _x Cs _{1-x} Pb ₃ Nanocrystals: Tuning Crystal Symmetry by A-Site Cation Composition. <i>ACS Energy Letters</i> , 2020, 5, 2475-2482.	17.4	34
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