

Efficient and stable emission of warm-white light from

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Luminescent perovskites: recent advances in theory and experiments. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2969-3011.	3.0	185
6	Semiconductor Quantum Dots Embedded Inorganic Glasses: Fabrication, Luminescent Properties, and Potential Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1900851.	3.6	86
7	General Synthesis of Lead-Free Metal Halide Perovskite Colloidal Nanocrystals in 1-Dodecanol. <i>Inorganic Chemistry</i> , 2019, 58, 11807-11818.	1.9	34
8	Energetics of Nonradiative Surface Trap States in Nanoparticles Monitored by Time-of-Flight Photoconduction Measurements on Nanoparticle-Polymer Blends. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37184-37192.	4.0	4
9	Lead-Free Halide Perovskites and Perovskite Variants as Phosphors toward Light-Emitting Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31575-31584.	4.0	114
10	Band Gap Engineering in Cs ₂ (Na _x Ag _{1-x})BiCl ₆ Double Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5173-5181.	2.1	109
11	Hole Transport Bilayer Structure for Quasi-2D Perovskite Based Blue Light-Emitting Diodes with High Brightness and Good Spectral Stability. <i>Advanced Functional Materials</i> , 2019, 29, 1905339.	7.8	92
12	Sodium Ion Modifying In Situ Fabricated CsPbBr ₃ Nanoparticles for Efficient Perovskite Light Emitting Diodes. <i>Advanced Optical Materials</i> , 2019, 7, 1900747.	3.6	59
13	Negative Thermal Quenching of Efficient White Light Emission in a 1D Ladder-Like Organic/Inorganic Hybrid Material. <i>Advanced Optical Materials</i> , 2019, 7, 1900763.	3.6	17
14	Ultrafast Carrier Dynamics and Terahertz Photoconductivity of Mixed-Cation and Lead Mixed-Halide Hybrid Perovskites. <i>Chinese Physics Letters</i> , 2019, 36, 028401.	1.3	2
15	Unexpected Outstanding Room Temperature Spin Transport Verified in Organic-Inorganic Hybrid Perovskite Film. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4422-4428.	2.1	20
16	Emissive Bi-Doped Double Perovskite Cs ₂ AgNaInCl ₆ Nanocrystals. <i>ACS Energy Letters</i> , 2019, 4, 1976-1982.	8.8	198
17	Size effect of lead-free halide double perovskite on luminescence property. <i>Science China Chemistry</i> , 2019, 62, 1405-1413.	4.2	95
18	Thermal stability of CsPbBr ₃ perovskite as revealed by <i>in situ</i> transmission electron microscopy. <i>APL Materials</i> , 2019, 7, .	2.2	39
19	Double perovskite (Gd _{0.85-x} Y _x) ₂ MgTiO ₆ :0.3Eu ³⁺ + red phosphors for white LEDs with excellent high temperature performance. <i>Ceramics International</i> , 2019, 45, 20837-20843.	2.3	5
20	Efficient Red/Near-Infrared-Emissive Carbon Nanodots with Multiphoton Excited Upconversion Fluorescence. <i>Advanced Science</i> , 2019, 6, 1900766.	5.6	121
21	Single Crystal Perovskite Microplate for High-Order Multiphoton Excitation. <i>Small Methods</i> , 2019, 3, 1900396.	4.6	17
22	Direct and Indirect Recombination and Thermal Kinetics of Excitons in Colloidal All-Inorganic Lead Halide Perovskite Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19844-19850.	1.5	21

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23	Tailored Synthesis of an Unprecedented Pb ²⁺ /Mn Heterometallic Halide Hybrid with Enhanced Emission. <i>Journal of the American Chemical Society</i> , 2019, 141, 12197-12201.	6.6	50
24	Mg ²⁺ -Alloyed All-Inorganic Halide Perovskites for White Light-Emitting Diodes by 3D-Printing Method. <i>Advanced Optical Materials</i> , 2019, 7, 1900916.	3.6	52
25	Improvement of Cs ₂ AgBiBr ₆ double perovskite solar cell by rubidium doping. <i>Organic Electronics</i> , 2019, 74, 204-210.	1.4	84
26	Water-Assisted Synthesis of Blue Chip Excitable 2D Halide Perovskite with Green-Red Dual Emissions for White LEDs. <i>Small Methods</i> , 2019, 3, 1900365.	4.6	25
27	Anti-Stokes Ultraviolet Luminescence and Exciton Detrapping in the Two-Dimensional Perovskite (C ₆ H ₅ NC ₂ H ₄) ₂ PbCl ₄ . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4095-4102.		32
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29	Self-Trapped Exciton to Dopant Energy Transfer in Rare Earth Doped Lead-Free Double Perovskite. <i>Advanced Optical Materials</i> , 2019, 7, 1901098.	3.6	94
30	Lead-Free Sodium-Indium Double Perovskite Nanocrystals through Doping Silver Cations for Bright Yellow Emission. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17231-17235.	7.2	166
31	Long-Distance Ionic Diffusion in Cesium Lead Mixed Halide Perovskite Induced by Focused Illumination. <i>Chemistry of Materials</i> , 2019, 31, 9049-9056.	3.2	28
32	Colloidal Synthesis and Optical Properties of All-Inorganic Low-Dimensional Cesium Copper Halide Nanocrystals. <i>Angewandte Chemie</i> , 2019, 131, 16233-16237.	1.6	78
33	Colloidal synthesis of lead-free all-inorganic Cs ₃ Sb ₂ Br _{9-x} nanocrystals. <i>Journal of Information Display</i> , 2019, 20, 201-207.	2.1	10
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35	Cesium Copper Iodide Tailored Nanoplates and Nanorods for Blue, Yellow, and White Emission. <i>Chemistry of Materials</i> , 2019, 31, 9003-9011.	3.2	111
36	Light Generation in Lead Halide Perovskite Nanocrystals: LEDs, Color Converters, Lasers, and Other Applications. <i>Small</i> , 2019, 15, e1902079.	5.2	81
37	Environmentally Robust Memristor Enabled by Lead-Free Double Perovskite for High-Performance Information Storage. <i>Small</i> , 2019, 15, e1905731.	5.2	123
38	Synthesis and optical properties of colloidal Cs ₂ AgSb _{1-x} Bi _x Cl ₆ double perovskite nanocrystals. <i>Journal of Chemical Physics</i> , 2019, 151, 161101.	1.2	28
39	Trion dynamics in lead halide perovskite nanocrystals. <i>Journal of Chemical Physics</i> , 2019, 151, 170902.	1.2	34
40	Tunable Color Temperatures and Efficient White Emission from Cs ₂ Ag _{1-x} Na _x In _{1-x} Bi _x Cl ₆ Double Perovskite Nanocrystals. <i>Small</i> , 2019, 15, e1903496.		

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41	Lead-Free Sodium-Free Indium Double Perovskite Nanocrystals through Doping Silver Cations for Bright Yellow Emission. <i>Angewandte Chemie</i> , 2019, 131, 17391-17395.	1.6	36
42	Dual-Band Luminescent Lead-Free Antimony Chloride Halides with Near-Unity Photoluminescence Quantum Efficiency. <i>Chemistry of Materials</i> , 2019, 31, 9363-9371.	3.2	206
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47	Colloidal Synthesis and Optical Properties of All-Inorganic Low-Dimensional Cesium Copper Halide Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16087-16091.	7.2	192
48	Material Design and Optoelectronic Properties of Three-Dimensional Quadruple Perovskite Halides. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5219-5225.	2.1	70
49	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.	7.2	244
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56	Broadband White Emission in Cs ₂ AgIn _{1-x} Bi _x Cl ₆ Phosphors. <i>Inorganic Chemistry</i> , 2019, 58, 13403-13410.	1.9	58
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58	All-inorganic lead-free perovskites for optoelectronic applications. <i>Materials Chemistry Frontiers</i> , 2019, 3, 365-375.	3.2	133

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138	Rb ₂ CuX ₃ (X = Cl, Br): 1D All-Inorganic Copper Halides with Ultrabright Blue Emission and Up-Conversion Photoluminescence. Advanced Optical Materials, 2020, 8, 1901338.	3.6	86
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723	Stable yellow light emission from lead-free copper halides single crystals for visible light communication. <i>Nano Materials Science</i> , 2023, 5, 78-85.	3.9	11
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