

Fast Anion-Exchange in Highly Luminescent Nanocrystals (CsPbX_3 , X = Cl, Br, I)

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Citation Report

#	ARTICLE	IF	CITATIONS
11	Tuning light emission of PbS nanocrystals from infrared to visible range by cation exchange. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 055007.	2.8	13
12	Highly Luminescent Colloidal Nanoplates of Perovskite Cesium Lead Halide and Their Oriented Assemblies. <i>Journal of the American Chemical Society</i> , 2015, 137, 16008-16011.	6.6	1,004
13	Reversible Anion Exchange Reaction in Solid Halide Perovskites and Its Implication in Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26883-26888.	1.5	45
14	Ultrafast Interfacial Electron and Hole Transfer from CsPbBr ₃ Perovskite Quantum Dots. <i>Journal of the American Chemical Society</i> , 2015, 137, 12792-12795.	6.6	459
15	Efficient Luminescence from Perovskite Quantum Dot Solids. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25007-25013.	4.0	481
16	Perovskite Crystals for Tunable White Light Emission. <i>Chemistry of Materials</i> , 2015, 27, 8066-8075.	3.2	362
17	Organometal halide perovskite quantum dots: synthesis, optical properties, and display applications. <i>Chinese Chemical Letters</i> , 2016, 27, 1124-1130.	4.8	65
18	Healing All-Inorganic Perovskite Films via Recyclable Dissolution-Recrystallization for Compact and Smooth Carrier Channels of Optoelectronic Devices with High Stability. <i>Advanced Functional Materials</i> , 2016, 26, 5903-5912.	7.8	296
19	Bandgap-Tunable Cesium Lead Halide Perovskites with High Thermal Stability for Efficient Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1502458.	10.2	1,265
20	Large-Scale Synthesis of Highly Luminescent Perovskite-Related CsPb ₂ Br ₅ Nanoplatelets and Their Fast Anion Exchange. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8328-8332.	7.2	243
21	Mesoporous Silica Particles Integrated with All-Inorganic CsPbBr ₃ Perovskite Quantum-Dot Nanocomposites (MPQDs) with High Stability and Wide Color Gamut Used for Backlight Display. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7924-7929.	7.2	730
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23	High performance hybrid graphene-CsPbBr ₃ perovskite nanocrystal photodetector. <i>RSC Advances</i> , 2016, 6, 65252-65256.	1.7	168
24	Large-Scale Synthesis of Highly Luminescent Perovskite-Related CsPb ₂ Br ₅ Nanoplatelets and Their Fast Anion Exchange. <i>Angewandte Chemie</i> , 2016, 128, 8468-8472.	1.6	33
25	Mesoporous Silica Particles Integrated with All-Inorganic CsPbBr ₃ Perovskite Quantum-Dot Nanocomposites (MPQDs) with High Stability and Wide Color Gamut Used for Backlight Display. <i>Angewandte Chemie</i> , 2016, 128, 8056-8061.	1.6	81
26	Improving the Stability and Performance of Perovskite Light-Emitting Diodes by Thermal Annealing Treatment. <i>Advanced Materials</i> , 2016, 28, 6906-6913.	11.1	111
27	Bandgap engineering of ternary sulfide nanocrystals by solution proton alloying for efficient photocatalytic H ₂ evolution. <i>Nano Energy</i> , 2016, 26, 577-585.	8.2	23
28	Perovskite Materials for Light-Emitting Diodes and Lasers. <i>Advanced Materials</i> , 2016, 28, 6804-6834.	11.1	1,188

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48	Spectroscopic and Device Aspects of Nanocrystal Quantum Dots. <i>Chemical Reviews</i> , 2016, 116, 10513-10622.	23.0	744
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57	Improved performance of perovskite light-emitting diodes using a PEDOT:PSS and MoO ₃ composite layer. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8161-8165.	2.7	75
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427	Lead-Free Direct Band Gap Double-Perovskite Nanocrystals with Bright Dual-Color Emission. <i>Journal of the American Chemical Society</i> , 2018, 140, 17001-17006.	6.6	399
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440	Water-Borne Perovskite Quantum Dot-Loaded, Polystyrene Latex Ink. <i>Frontiers in Chemistry</i> , 2018, 6, 453.	1.8	7
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793	Colloidal Synthesis and Charge-Carrier Dynamics of Cs ₂ AgSb ₂ I ₈ BiX ₆ (X: Br, Cl; 0 \leq α \leq 1) Tj \approx 1.05 \times 10 ¹⁴ cm ⁻² s ⁻¹ Over	7.0	149
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