Qixuan Zhong

List of Publications by Year
in descending order

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32 papers	2,978 citations	304743 22 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	3296 citing authors

#	Article	IF	Citations
1	One-Pot Synthesis of Highly Stable CsPbBr₃@SiO₂ Coreâ€“Shell Nanoparticles. ACS Nano, 2018, 12, 8579-8587.	14.6	447
2	From Nonluminescent Cs₄PbX₆ (X = Cl, Br, I) Nanocrystals to Highly Luminescent CsPbX₃ Nanocrystals: Water-Triggered Transformation through a CsX-Stripping Mechanism. Nano Letters, 2017, 17, 5799-5804.	9.1	367
3	Interfacial Synthesis of Highly Stable CsPbX₃/Oxide Janus Nanoparticles. Journal of the American Chemical Society, 2018, 140, 406-412.	13.7	348
4	Solvothermal Synthesis of Highâ€Quality Allâ€Inorganic Cesium Lead Halide Perovskite Nanocrystals: From Nanocube to Ultrathin Nanowire. Advanced Functional Materials, 2017, 27, 1701121.	14.9	283
5	All-inorganic cesium lead halide perovskite nanocrystals: synthesis, surface engineering and applications. Journal of Materials Chemistry C, 2019, 7, 757-789.	5.5	193
6	Hydrochromic CsPbBr₃ Nanocrystals for Antiâ€Counterfeiting. Angewandte Chemie - International Edition, 2020, 59, 14527-14532.	13.8	190
7	Integrating MXene nanosheets with cobalt-tipped carbon nanotubes for an efficient oxygen reduction reaction. Journal of Materials Chemistry A, 2019, 7, 1281-1286.	10.3	181
8	L-Type Ligand-Assisted Acid-Free Synthesis of CsPbBr₃ Nanocrystals with Near-Unity Photoluminescence Quantum Yield and High Stability. Nano Letters, 2019, 19, 4151-4157.	9.1	177
9	Improving the Stability and Size Tunability of Cesium Lead Halide Perovskite Nanocrystals Using Trioctylphosphine Oxide as the Capping Ligand. Langmuir, 2017, 33, 12689-12696.	3.5	165
10	Interfacial Synthesis of Monodisperse CsPbBr₃ Nanorods with Tunable Aspect Ratio and Clean Surface for Efficient Light-Emitting Diode Applications. Chemistry of Materials, 2019, 31, 1575-1583.	6.7	78
11	Bismuth Oxyhydroxide-Pt Inverse Interface for Enhanced Methanol Electrooxidation Performance. Nano Letters, 2020, 20, 7751-7759.	9.1	58
12	Cs₄PbX₆ (X = Cl, Br, I) Nanocrystals: Preparation, Water-Triggered Transformation Behavior, and Anti-Counterfeiting Application. Langmuir, 2018, 34, 10363-10370.	3.5	53
13	Controlled growth of dodecapod-branched CsPbBr3 nanocrystals and their application in white light emitting diodes. Nano Energy, 2018, 53, 559-566.	16.0	45
14	Construction of Single-Atom Platinum Catalysts Enabled by CsPbBr₃ Nanocrystals. ACS Nano, 2021, 15, 13129-13139.	14.6	44
15	Lowâ€Dimensionalâ€Networked Cesium Lead Halide Perovskites: Properties, Fabrication, and Applications. Small Methods, 2020, 4, 2000303.	8.6	38
16	Highly Stable CsPbBr₃ Colloidal Nanocrystal Clusters as Photocatalysts in Polar Solvents. ACS Applied Materials & Interfaces, 2021, 13, 4017-4025.	8.0	31
17	Highly Stable CsPbX₃/PbSO₄ Core/Shell Nanocrystals Synthesized by a Simple Postâ€Treatment Strategy. Advanced Optical Materials, 2021, 9, 2001763.	7.3	30
18	Recent advances and perspectives on light emitting diodes fabricated from halide metal perovskite nanocrystals. Journal of Materials Chemistry C, 2019, 7, 14412-14440.	5.5	29

#	Article	IF	Citations
19	Synergistic combination of Pd nanosheets and porous Bi(OH)3 boosts activity and durability for ethanol oxidation reaction. Nano Research, 2022, 15, 3920-3926.	10.4	28
20	Consecutive Interfacial Transformation of Cesium Lead Halide Nanocubes to Ultrathin Nanowires with Improved Stability. ACS Applied Materials & Interfaces, 2019, 11, 3351-3359.	8.0	27
21	Photoreversible luminescence switching of CsPbI₃ nanocrystals sensitized by photochromic AgI nanocrystals. Nanoscale, 2019, 11, 3193-3199.	5.6	24
22	Solvothermal synthesis of cesium lead halide nanocrystals with controllable dimensions: a stoichiometry defined growth mechanism. Journal of Materials Chemistry C, 2019, 7, 14493-14498.	5.5	23
23	Ultraâ€Stable CsPbX₃@Pyrophosphate Nanoparticles in Water over One Year. Small, 2022, 18, e2107548.	10.0	20
24	Hydrochromic CsPbBr₃ Nanocrystals for Antiâ€Counterfeiting. Angewandte Chemie, 2020, 132, 14635-14640.	2.0	18
25	The Impact of Precursor Ratio on the Synthetic Production, Surface Chemistry, and Photovoltaic Performance of CsPbI₃ Perovskite Quantum Dots. Solar Rrl, 2021, 5, 2100090.	5.8	17
26	Self-templated formation of cobalt-embedded hollow N-doped carbon spheres for efficient oxygen reduction. Nano Research, 2021, 14, 2819-2825.	10.4	16
27	Reversible transformation of all-inorganic copper halide perovskite nanocrystals for anti-counterfeiting. Dalton Transactions, 2021, 50, 12826-12830.	3.3	14
28	Encapsulation of lead halide perovskite nanocrystals (NCs) at the single-particle level: strategies and properties. Nanoscale, 2021, 13, 19341-19351.	5.6	13
29	One-pot reprecipitation strategy to synthesize CsPbX₃/Pb₃(PO₄)₂ composite nanocrystals. Journal of Materials Chemistry C, 2021, 9, 466-471.	5.5	9
30	Efficient Interfacial Synthesis Strategy for Perovskite CsPbBr₃ Nanorods in the Biphase Solution. Advanced Materials Technologies, 2022, 7, .	5.8	5
31	Kineticsâ€Controlled Interfacial Synthesis of Janus and Patchy Heterostructures Based on Perovskite Nanocrystals. Advanced Optical Materials, 2022, 10, .	7.3	4
32	Improved photophysical properties and durability of CsPbBr₃ NCs endowed by inorganic oxoacid and bromide ions. Nanoscale, 2021, 13, 9634-9640.	5.6	3