

Haoze Yang

List of Publications by Year in descending order

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14
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758635

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#	ARTICLE	IF	CITATIONS
1	Zero-Dimensional Cs ₄ PbBr ₆ Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 961-965.	2.1	299
2	Room-Temperature Engineering of All-Inorganic Perovskite Nanocrystals with Different Dimensionalities. <i>Chemistry of Materials</i> , 2017, 29, 8978-8982.	3.2	174
3	Point Defects and Green Emission in Zero-Dimensional Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5490-5495.	2.1	143
4	Light-Induced Self-Assembly of Cubic CsPbBr ₃ Perovskite Nanocrystals into Nanowires. <i>Chemistry of Materials</i> , 2019, 31, 6642-6649.	3.2	119
5	Solution-Processed Visible-Blind Ultraviolet Photodetectors with Nanosecond Response Time and High Detectivity. <i>Advanced Optical Materials</i> , 2019, 7, 1900506.	3.6	60
6	Emergence of multiple fluorophores in individual cesium lead bromide nanocrystals. <i>Nature Communications</i> , 2019, 10, 2930.	5.8	41
7	Mapping Carrier Dynamics on Material Surfaces in Space and Time using Scanning Ultrafast Electron Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 985-994.	2.1	39
8	Luminescence and Stability Enhancement of Inorganic Perovskite Nanocrystals via Selective Surface Ligand Binding. <i>ACS Nano</i> , 2021, 15, 17998-18005.	7.3	32
9	Delayed Photoluminescence and Modified Blinking Statistics in Alumina-Encapsulated Zero-Dimensional Inorganic Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6780-6787.	2.1	31
10	Air-Resistant Lead Halide Perovskite Nanocrystals Embedded into Polyimide of Intrinsic Microporosity. <i>Energy Material Advances</i> , 2021, 2021, .	4.7	21
11	Imaging Localized Energy States in Silicon-Doped InGaN Nanowires Using 4D Electron Microscopy. <i>ACS Energy Letters</i> , 2018, 3, 476-481.	8.8	15
12	Cyanamide Passivation Enables Robust Elemental Imaging of Metal Halide Perovskites at Atomic Resolution. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10402-10409.	2.1	15
13	Correlation of Photoluminescence and Structural Morphologies at the Individual Nanoparticle Level. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4855-4860.	1.1	7
14	Single-Particle Spectroscopy as a Versatile Tool to Explore Lower-Dimensional Structures of Inorganic Perovskites. <i>ACS Energy Letters</i> , 2021, 6, 3695-3708.	8.8	6