

Youngsik Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Shape-Tuned Multiphoton-Emitting InP Nanotetrapods. <i>Advanced Materials</i> , 2022, 34, e2110665.	21.0	8
2	Energetic Sulfide Vapor-Processed Colloidal InAs Quantum Dot Solids for Efficient Charge Transport and Photoconduction. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	4
3	Shape-Tuned Multiphoton-Emitting InP Nanotetrapods (Adv. Mater. 19/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	0
4	Tailored growth of single-crystalline InP tetrapods. <i>Nature Communications</i> , 2021, 12, 4454.	12.8	17
5	Origin of the Stability and Transition from Anionic to Cationic Surface Ligand Passivation of All-Inorganic Cesium Lead Halide Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 652-658.	4.6	33
6	III-V colloidal nanocrystals: control of covalent surfaces. <i>Chemical Science</i> , 2020, 11, 913-922.	7.4	77
7	A relationship between the surface composition and spectroscopic properties of cesium lead bromide (CsPbBr ₃) perovskite nanocrystals: focusing on photoluminescence efficiency. <i>Nanoscale</i> , 2020, 12, 1563-1570.	5.6	11
8	Revisiting Effects of Ligand-Capped Nanocrystals in Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2020, 5, 1032-1034.	17.4	19
9	Highly Stable Cesium Lead Halide Perovskite Nanocrystals through in Situ Lead Halide Inorganic Passivation. <i>Chemistry of Materials</i> , 2017, 29, 7088-7092.	6.7	292
10	Synthesis of colloidal InSb nanocrystals via in situ activation of InCl ₃ . <i>Dalton Transactions</i> , 2015, 44, 16923-16928.	3.3	22