

# Lucheng Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4318216/publications.pdf>

Version: 2024-02-01

14  
papers

539  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable CsPbBr <sub>3</sub> Nanoclusters Feature a Disk-like Shape and a Distorted Orthorhombic Structure. <i>Journal of the American Chemical Society</i> , 2022, 144, 5059-5066.	13.7	16
2	Halide Perovskite/Lead Chalcogenide Nanocrystal Heterostructures. <i>Journal of the American Chemical Society</i> , 2021, 143, 1435-1446.	13.7	55
3	Virus-Inspired Deformable Mesoporous Nanocomposites for High Efficiency Drug Delivery. <i>Small</i> , 2020, 16, 1906028.	10.0	10
4	Arm Growth and Facet Modulation in Perovskite Nanocrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 16160-16168.	13.7	84
5	Solution-phase synthesis of CsPbI <sub>3</sub> nanowire clusters <i>via</i> polymer-induced anisotropic growth and self-assembly. <i>Chemical Communications</i> , 2019, 55, 8266-8269.	4.1	6
6	Solution-Phase Synthesis of Few-Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9891-9896.	13.8	50
7	Solution-Phase Synthesis of Few-Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. <i>Angewandte Chemie</i> , 2019, 131, 9996-10001.	2.0	5
8	Cd/Cu/Fe/S quaternary nanocrystals exhibiting excellent optical/optoelectronic properties. <i>Nanoscale</i> , 2019, 11, 6533-6537.	5.6	3
9	Dot-Wire-Platelet-Cube: Step Growth and Structural Transformations in CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2018, 3, 2014-2020.	17.4	106
10	Bandgap and Radial Position-Dependent Mn-Doped Zn/Cu/In/S/ZnS Core/Shell Nanocrystals. <i>ChemPhysChem</i> , 2016, 17, 752-758.	2.1	10
11	Non-injection gram-scale synthesis of cesium lead halide perovskite quantum dots with controllable size and composition. <i>Nano Research</i> , 2016, 9, 1994-2006.	10.4	93
12	Room temperature synthesis of ultra-small, near-unity single-sized lead halide perovskite quantum dots with wide color emission tunability, high color purity and high brightness. <i>Nanotechnology</i> , 2016, 27, 335604.	2.6	39
13	Large-scale synthesis of single-source, thermally stable, and dual-emissive Mn-doped Zn/Cu/In/S nanocrystals for bright white light-emitting diodes. <i>Nano Research</i> , 2015, 8, 3316-3331.	10.4	46
14	Large Scale Synthesis of Air Stable Precursors for the Preparation of High Quality Metal Arsenide and Phosphide Nanocrystals as Efficient Emitters Covering the Visible to Near Infrared Region. <i>Chemistry of Materials</i> , 2014, 26, 3599-3602.	6.7	16