

# Lucheng Peng

## List of Publications by Year in descending order

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

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14  
papers

539  
citations

933447

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1058476

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docs citations

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974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dotâ€“Wireâ€“Plateletâ€“Cube: Step Growth and Structural Transformations in CsPbBr <sub>3</sub> Perovskite Nanocrystals. ACS Energy Letters, 2018, 3, 2014-2020.	17.4	106
2	Non-injection gram-scale synthesis of cesium lead halide perovskite quantum dots with controllable size and composition. Nano Research, 2016, 9, 1994-2006.	10.4	93
3	Arm Growth and Facet Modulation in Perovskite Nanocrystals. Journal of the American Chemical Society, 2019, 141, 16160-16168.	13.7	84
4	Halide Perovskiteâ€“Lead Chalcohalide Nanocrystal Heterostructures. Journal of the American Chemical Society, 2021, 143, 1435-1446.	13.7	55
5	Solutionâ€“Phase Synthesis of Fewâ€“Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. Angewandte Chemie - International Edition, 2019, 58, 9891-9896.	13.8	50
6	Large-scale synthesis of single-source, thermally stable, and dual-emissive Mn-doped Znâ€“Cuâ€“Inâ€“S nanocrystals for bright white light-emitting diodes. Nano Research, 2015, 8, 3316-3331.	10.4	46
7	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. Nanotechnology, 2016, 27, 335604.	2.6	39
8	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. Chemistry of Materials, 2014, 26, 3599-3602.	6.7	16
9	Stable CsPbBr <sub>3</sub> Nanoclusters Feature a Disk-like Shape and a Distorted Orthorhombic Structure. Journal of the American Chemical Society, 2022, 144, 5059-5066.	13.7	16
10	Bandgapâ€“and Radialâ€“Positionâ€“Dependent Mnâ€“Doped Znâ€“Cuâ€“Inâ€“S/ZnS Core/Shell Nanocrystals. ChemPhysChem, 2016, 17, 752-758.	2.1	10
11	Virusâ€“Inspired Deformable Mesoporous Nanocomposites for High Efficiency Drug Delivery. Small, 2020, 16, 1906028.	10.0	10
12	Solution-phase synthesis of CsPbI <sub>3</sub> nanowire clusters <i>via</i> polymer-induced anisotropic growth and self-assembly. Chemical Communications, 2019, 55, 8266-8269.	4.1	6
13	Solutionâ€“Phase Synthesis of Fewâ€“Layer Hexagonal Antimonene Nanosheets via Anisotropic Growth. Angewandte Chemie, 2019, 131, 9996-10001.	2.0	5
14	Cdâ€“Cuâ€“Feâ€“S quaternary nanocrystals exhibiting excellent optical/optoelectronic properties. Nanoscale, 2019, 11, 6533-6537.	5.6	3