

Shiqiang Luo

List of Publications by Year in descending order

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11
papers

618
citations

840776

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1281871

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11
all docs

11
docs citations

11
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Templated growth of oriented layered hybrid perovskites on 3D-like perovskites. Nature Communications, 2020, 11, 582.	12.8	167
2	Recent progress in organic-inorganic halide perovskite solar cells: mechanisms and material design. Journal of Materials Chemistry A, 2015, 3, 8992-9010.	10.3	164
3	Crystal Structure Formation of CH ₃ NH ₃ PbI _{3-x} Cl _x Perovskite. Materials, 2016, 9, 123.	2.9	85
4	Suppressing the Excessive Solvated Phase for Dion-Jacobson Perovskites with Improved Crystallinity and Vertical Orientation. Solar Rrl, 2020, 4, 2000371.	5.8	36
5	Factors influencing the nucleation and crystal growth of solution-processed organic lead halide perovskites: a review. Journal Physics D: Applied Physics, 2021, 54, 163001.	2.8	35
6	CH ₃ NH ₃ PbI _{3-x} Br _x perovskite solar cells via spray assisted two-step deposition: Impact of bromide on stability and cell performance. Materials and Design, 2017, 125, 222-229.	7.0	34
7	Rubidium Ions Enhanced Crystallinity for Ruddlesden-Popper Perovskites. Advanced Science, 2020, 7, 2002445.	11.2	25
8	Healing the Buried Cavities and Defects in Quasi-2D Perovskite Films by Self-Generated Methylamine Gas. ACS Energy Letters, 2021, 6, 3634-3642.	17.4	24
9	Low-temperature synthesis of all-inorganic perovskite nanocrystals for UV-photodetectors. Journal of Materials Chemistry C, 2019, 7, 5488-5496.	5.5	19
10	Ruthenium acetylacetonate in interface engineering for high performance planar hybrid perovskite solar cells. Optics Express, 2017, 25, A253.	3.4	16
11	The influence of chloride on interdiffusion method for perovskite solar cells. Materials Letters, 2016, 169, 236-240.	2.6	13