

# 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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docs citations

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times ranked

1335  
citing authors

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