

Sung Uk Chai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Potassium Incorporation for Enhanced Performance and Stability of Fully Inorganic Cesium Lead Halide Perovskite Solar Cells. Nano Letters, 2017, 17, 2028-2033.	4.5	463
2	Unveiling the Crystal Formation of Cesium Lead Mixed-Halide Perovskites for Efficient and Stable Solar Cells. Journal of Physical Chemistry Letters, 2017, 8, 2936-2940.	2.1	169
3	Resolving Hysteresis in Perovskite Solar Cells with Rapid Flame-Processed Cobalt-Doped TiO ₂ . Advanced Energy Materials, 2018, 8, 1801717.	10.2	76
4	Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization. Advanced Energy Materials, 2018, 8, 1702369.	10.2	74
5	Grain Boundary Healing of Organic-Inorganic Halide Perovskites for Moisture Stability. Nano Letters, 2019, 19, 6498-6505.	4.5	24
6	Thermodynamically self-organized hole transport layers for high-efficiency inverted-planar perovskite solar cells. Nanoscale, 2017, 9, 12677-12683.	2.8	18
7	Ultrafast Flame Annealing of TiO ₂ Paste for Fabricating Dye-Sensitized and Perovskite Solar Cells with Enhanced Efficiency. Small, 2017, 13, 1702260.	5.2	16
8	Solar Cells: Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization (Adv. Energy Mater. 10/2018). Advanced Energy Materials, 2018, 8, 1870045.	10.2	6