

Chong Liu

List of Publications by Year in descending order

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840776

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1405
citing authors

#	ARTICLE	IF	CITATIONS
1	Propane Dehydrogenation on Ga ₂ O ₃ -Based Catalysts: Contrasting Performance with Coordination Environment and Acidity of Surface Sites. ACS Catalysis, 2021, 11, 907-924.	11.2	55
2	Cation-size mismatch and interface stabilization for efficient NiOx-based inverted perovskite solar cells with 21.9% efficiency. Nano Energy, 2021, 88, 106285.	16.0	66
3	Fabrication Strategy for Efficient 2D/3D Perovskite Solar Cells Enabled by Diffusion Passivation and Strain Compensation. Advanced Energy Materials, 2020, 10, 2002004.	19.5	97
4	Interfacial engineering with carbon-graphite-Cu ₁ Ni ₁ O for ambient-air stable composite-based hole-conductor-free perovskite solar cells. Nanoscale Advances, 2020, 2, 5883-5889.	4.6	8
5	Fine-tuning the coordination atoms of copper redox mediators: an effective strategy for boosting the photovoltage of dye-sensitized solar cells. Journal of Materials Chemistry A, 2019, 7, 12808-12814.	10.3	12
6	<i>In situ</i> induced core/shell stabilized hybrid perovskites <i>via</i> gallium(acetylacetonate) intermediate towards highly efficient and stable solar cells. Energy and Environmental Science, 2018, 11, 286-293.	30.8	79
7	Thermodynamically Self-Healing 1D-3D Hybrid Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1703421.	19.5	158
8	A brief review on the lead element substitution in perovskite solar cells. Journal of Energy Chemistry, 2018, 27, 1054-1066.	12.9	38
9	C ₆₀ additive-assisted crystallization in CH ₃ NH ₃ Pb _{0.75} Sn _{0.25} I ₃ perovskite solar cells with high stability and efficiency. Nanoscale, 2017, 9, 13967-13975.	5.6	71
10	Solution-Processed One-Dimensional ZnO@CdS Heterojunction toward Efficient Cu ₂ ZnSnS ₄ Solar Cell with Inverted Structure. Scientific Reports, 2016, 6, 35300.	3.3	18
11	Highly Efficient Perovskite Solar Cells with Substantial Reduction of Lead Content. Scientific Reports, 2016, 6, 35705.	3.3	86
12	Hysteretic Behavior upon Light Soaking in Perovskite Solar Cells Prepared via Modified Vapor-Assisted Solution Process. ACS Applied Materials & Interfaces, 2015, 7, 9066-9071.	8.0	84