Chong Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9536509/publications.pdf

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12	772	840776 11	1199594 12
papers	citations	h-index	g-index

13	13	13	1405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamically Selfâ€Healing 1Dâ€“3D Hybrid Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1703421.	19.5	158
2	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
3	Highly Efficient Perovskite Solar Cells with Substantial Reduction of Lead Content. Scientific Reports, 2016, 6, 35705.	3.3	86
4	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
5	In situ induced core/shell stabilized hybrid perovskites via gallium(<scp>iii</scp>) acetylacetonate intermediate towards highly efficient and stable solar cells. Energy and Environmental Science, 2018, 11, 286-293.	30.8	79
6	C₆₀ additive-assisted crystallization in CH₃NH₃Pb_{0.75}Sn_{0.25}I₃ perovskite solar cells with high stability and efficiency. Nanoscale, 2017, 9, 13967-13975.	5.6	71
7	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
8	Propane Dehydrogenation on Ga₂O₃-Based Catalysts: Contrasting Performance with Coordination Environment and Acidity of Surface Sites. ACS Catalysis, 2021, 11, 907-924.	11.2	55
9	A brief review on the lead element substitution in perovskite solar cells. Journal of Energy Chemistry, 2018, 27, 1054-1066.	12.9	38
10	Solution-Processed One-Dimensional ZnO@CdS Heterojunction toward Efficient Cu2ZnSnS4 Solar Cell with Inverted Structure. Scientific Reports, 2016, 6, 35300.	3.3	18
11	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
12	Interfacial engineering with carbonâ€“graphiteâ€“Cu_{Î´}Ni_{1âˆ’Î´}O for ambient-air stable composite-based hole-conductor-free perovskite solar cells. Nanoscale Advances, 2020, 2, 5883-5889.	4.6	8