

Xiong Li

List of Publications by Year in descending order

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15
papers

7,562
citations

566801

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h-index

996533

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g-index

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15
docs citations

15
times ranked

8730
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Performance and Stability of Perovskite Solar Modules by Regulating Interfacial Ion Diffusion with Nonionic Cross-Linked 1D Lead-Iodide. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	24
2	Improved performance and stability of perovskite solar modules by interface modulating with graphene oxide crosslinked CsPbBr ₃ quantum dots. <i>Energy and Environmental Science</i> , 2022, 15, 244-253.	15.6	33
3	Multifunctional molecular modulators for perovskite solar cells with over 20% efficiency and high operational stability. <i>Nature Communications</i> , 2018, 9, 4482.	5.8	266
4	Stable Large-Area (10 ² cm ²) Printable Mesoscopic Perovskite Module Exceeding 10% Efficiency. <i>Solar Rrl</i> , 2017, 1, 1600019.	3.1	272
5	Effect of guanidinium on mesoscopic perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 73-78.	5.2	146
6	Air Processed Inkjet Infiltrated Carbon Based Printed Perovskite Solar Cells with High Stability and Reproducibility. <i>Advanced Materials Technologies</i> , 2017, 2, 1600183.	3.0	137
7	Hole-Conductor-Free Fully Printable Mesoscopic Solar Cell with Mixed-Anion Perovskite CH ₃ NH ₃ Pb(3 ⁺)(BF ₄) _x . <i>Advanced Energy Materials</i> , 2016, 6, 1502009.		
8	Perovskite Photovoltaics with Outstanding Performance Produced by Chemical Conversion of Bilayer Mesostructured Lead Halide/TiO ₂ Films. <i>Advanced Materials</i> , 2016, 28, 2964-2970.	11.1	144
9	A vacuum flash-assisted solution process for high-efficiency large-area perovskite solar cells. <i>Science</i> , 2016, 353, 58-62.	6.0	1,636
10	Solvent effect on the hole-conductor-free fully printable perovskite solar cells. <i>Nano Energy</i> , 2016, 27, 130-137.	8.2	141
11	Beyond Efficiency: the Challenge of Stability in Mesoscopic Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2015, 5, 1501066.	10.2	395
12	The size effect of TiO ₂ nanoparticles on a printable mesoscopic perovskite solar cell. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9103-9107.	5.2	153
13	Outdoor Performance and Stability under Elevated Temperatures and Long-Term Light Soaking of Triple-Layer Mesoporous Perovskite Photovoltaics. <i>Energy Technology</i> , 2015, 3, 551-555.	1.8	336
14	Improved performance and stability of perovskite solar cells by crystal crosslinking with alkylphosphonic acid ammonium chlorides. <i>Nature Chemistry</i> , 2015, 7, 703-711.	6.6	1,033
15	A hole-conductor-free, fully printable mesoscopic perovskite solar cell with high stability. <i>Science</i> , 2014, 345, 295-298.	6.0	2,685