

Efficient, stable and scalable perovskite solar cells using

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Citation Report

#	ARTICLE	IF	CITATIONS
2	High-performance CH ₃ NH ₃ PbI ₃ inverted planar perovskite solar cells via ammonium halide additives. Journal of Industrial and Engineering Chemistry, 2019, 80, 265-272.	5.8	19
3	Heat- and light-induced degradation of formamidinium lead iodide based perovskite solar cells under heat–light soaking conditions. Energy and Environmental Science, 2019, 12, 3074-3088.	30.8	131
4	Photophysics of lead-free tin halide perovskite films and solar cells. APL Materials, 2019, 7, .	5.1	32
5	Photochemically Cross-Linked Quantum Well Ligands for 2D/3D Perovskite Photovoltaics with Improved Photovoltage and Stability. Journal of the American Chemical Society, 2019, 141, 14180-14189.	13.7	107
6	A Modulated Double–Passivation Strategy Toward Highly Efficient Perovskite Solar Cells with Efficiency Over 21%. Solar Rrl, 2019, 3, 1900291.	5.8	12
7	A New Organic Interlayer Spacer for Stable and Efficient 2D Ruddlesden–Popper Perovskite Solar Cells. Nano Letters, 2019, 19, 5237-5245.	9.1	76
8	Ligand-Induced Surface Charge Density Modulation Generates Local Type-II Band Alignment in Reduced-Dimensional Perovskites. Journal of the American Chemical Society, 2019, 141, 13459-13467.	13.7	62
9	Suppressing the ions-induced degradation for operationally stable perovskite solar cells. Nano Energy, 2019, 64, 103962.	16.0	55
10	Fully-ambient-air and antisolvent-free-processed stable perovskite solar cells with perovskite-based composites and interface engineering. Nano Energy, 2019, 64, 103964.	16.0	35
11	Scalable Fabrication of Metal Halide Perovskite Solar Cells and Modules. ACS Energy Letters, 2019, 4, 2147-2167.	17.4	161
12	Comparison of mesoporous materials based on mixed-organic-cation hole-conductor-free perovskite solar cells. Applied Surface Science, 2019, 493, 975-981.	6.1	11
13	Bilayer chlorophyll derivatives as efficient hole-transporting layers for perovskite solar cells. Materials Chemistry Frontiers, 2019, 3, 2357-2362.	5.9	16
14	Review of Stability Enhancement for Formamidinium–Based Perovskites. Solar Rrl, 2019, 3, 1900215.	5.8	60
15	A dopant-free polyelectrolyte hole-transport layer for high efficiency and stable planar perovskite solar cells. Journal of Materials Chemistry A, 2019, 7, 18898-18905.	10.3	36
16	Dithieno[3,2- <i>b</i> :2',3'- <i>b'</i>]pyrrole-Cored Hole Transport Material Enabling Over 21% Efficiency Dopant-Free Perovskite Solar Cells. Advanced Functional Materials, 2019, 29, 1904300.	14.9	114
17	Surface Plasmon-Assisted Transparent Conductive Electrode for Flexible Perovskite Solar Cells. Advanced Optical Materials, 2019, 7, 1900847.	7.3	13
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21	Light coupling to quasi-guided modes in nanoimprinted perovskite solar cells. Solar Energy Materials and Solar Cells, 2019, 201, 110080.	6.2	29
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