

Highly efficient and bending durable perovskite solar cell
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Citation Report

#	ARTICLE	IF	CITATIONS
3	Controllable Perovskite Crystallization by Water Additive for High-Performance Solar Cells. <i>Advanced Functional Materials</i> , 2015, 25, 6671-6678.	7.8	321
4	16.1% Efficient Hysteresis-Free Mesoporous Perovskite Solar Cells Based on Synergistically Improved ZnO Nanorod Arrays. <i>Advanced Energy Materials</i> , 2015, 5, 1500568.	10.2	222
5	Mechanically Recoverable and Highly Efficient Perovskite Solar Cells: Investigation of Intrinsic Flexibility of Organic-Inorganic Perovskite. <i>Advanced Energy Materials</i> , 2015, 5, 1501406.	10.2	131
6	Perovskite Solar Cells: Potentials, Challenges, and Opportunities. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-13.	1.4	65
7	Study on hole-transport-material-free planar $\text{TiO}_2/\text{CH}_3\text{NH}_3\text{PbI}_3$ heterojunction solar cells: the simplest configuration of a working perovskite solar cell. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14902-14909.	5.2	40
8	Efficient Carrier Separation and Intriguing Switching of Bound Charges in Inorganic-Organic Lead Halide Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2355-2362.	2.1	64
9	Wearable Double-Twisted Fibrous Perovskite Solar Cell. <i>Advanced Materials</i> , 2015, 27, 3831-3835.	11.1	184
10	In-situ flexural OPV measurements on flexible glass substrate. , 2015, , .		1
11	New Hybrid Hole Extraction Layer of Perovskite Solar Cells with a Planar p-i-n Geometry. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27285-27290.	1.5	71
12	TiO_2 quantum dots as superb compact block layers for high-performance $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite solar cells with an efficiency of 16.97%. <i>Nanoscale</i> , 2015, 7, 20539-20546.	2.8	87
13	Advancements in all-solid-state hybrid solar cells based on organometal halide perovskites. <i>Materials Horizons</i> , 2015, 2, 378-405.	6.4	110
14	Lead-Halide Perovskite Solar Cells by $\text{CH}_3\text{NH}_3\text{I}$ Dripping on PbI_2 CH ₃ NH ₃ I DMSO Precursor Layer for Planar and Porous Structures Using CuSCN Hole-Transporting Material. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 881-886.	2.1	78
15	Recent progress and perspective in solution-processed Interfacial materials for efficient and stable polymer and organometal perovskite solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 1160-1189.	15.6	725
16	Fatigue resistance of a flexible, efficient, and metal oxide-free perovskite solar cell. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9241-9248.	5.2	100
17	Improvement of the humidity stability of organic-inorganic perovskite solar cells using ultrathin Al_2O_3 layers prepared by atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5360-5367.	5.2	307
18	Identifying the optimum thickness of electron transport layers for highly efficient perovskite planar solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16445-16452.	5.2	91
19	Solution processed flexible and bending durable heterojunction colloidal quantum dot solar cell. <i>Nanoscale</i> , 2015, 7, 11520-11524.	2.8	28
20	Recent advances in flexible perovskite solar cells. <i>Chemical Communications</i> , 2015, 51, 14696-14707.	2.2	78

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21	Effects of organic inorganic hybrid perovskite materials on the electronic properties and morphology of poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) and the photovoltaic performance of planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15897-15904.	5.2	85
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23	High-performance flexible perovskite solar cells exploiting Zn ₂ SnO ₄ prepared in solution below 100%Å°C. <i>Nature Communications</i> , 2015, 6, 7410.	5.8	417
24	Efficient fiber-shaped perovskite photovoltaics using silver nanowires as top electrode. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19310-19313.	5.2	70
25	Under the spotlight: The organic-inorganic hybrid halide perovskite for optoelectronic applications. <i>Nano Today</i> , 2015, 10, 355-396.	6.2	891
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27	Transparent Conductive Oxide-Free Perovskite Solar Cells with PEDOT:PSS as Transparent Electrode. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15314-15320.	4.0	201
28	Efficient, durable and flexible perovskite photovoltaic devices with Ag-embedded ITO as the top electrode on a metal substrate. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14592-14597.	5.2	63
29	High-Performance Fully Printable Perovskite Solar Cells via Blade-Coating Technique under the Ambient Condition. <i>Advanced Energy Materials</i> , 2015, 5, 1500328.	10.2	294
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37	Flexible luminescent waveguiding photovoltaics exhibiting strong scattering effects from the dye aggregation. <i>Nano Energy</i> , 2015, 15, 729-736.	8.2	23
38	In-situ fabrication of dual porous titanium dioxide films as anode for carbon cathode based perovskite solar cell. <i>Journal of Energy Chemistry</i> , 2015, 24, 736-743.	7.1	23

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50	Transparent Conductive Oxide-Free Graphene-Based Perovskite Solar Cells with over 17% Efficiency. Advanced Energy Materials, 2016, 6, 1501873.	10.2	206
51	Solvent Engineering Boosts the Efficiency of Paintable Carbon-Based Perovskite Solar Cells to Beyond 14%. Advanced Energy Materials, 2016, 6, 1502087.	10.2	306
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141	Self-Encapsulating Thermostable and Air-Resilient Semitransparent Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1602599.	10.2	129
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143	Advanced Biowaste-Based Flexible Photocatalytic Fuel Cell as a Green Wearable Power Generator. <i>Advanced Materials Technologies</i> , 2017, 2, 1600191.	3.0	22
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