

Towards stable and commercially available perovskite s

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Photon Transport in One-Dimensional Incommensurately Epitaxial CsPbX ₃ Arrays. Nano Letters, 2016, 16, 7974-7981.	4.5	124
2	Two-Step Sequential Deposition of Organometal Halide Perovskite for Photovoltaic Application. Advanced Functional Materials, 2017, 27, 1605654.	7.8	120
3	Effect of lead-free (CH ₃ NH ₃) ₃ Bi ₂ I ₉ perovskite addition on spectrum absorption and enhanced photovoltaic performance of bismuth triiodide solar cells. Journal of Alloys and Compounds, 2017, 701, 834-840.	2.8	40
4	Efficient and stable solution-processed planar perovskite solar cells via contact passivation. Science, 2017, 355, 722-726.	6.0	2,019
5	Do grain boundaries dominate non-radiative recombination in CH ₃ NH ₃ PbI ₃ perovskite thin films?. Physical Chemistry Chemical Physics, 2017, 19, 5043-5050.	1.3	161
6	Thermal Precursor Approach to Pristine Fullerene Film as Electron Selective Layer in Perovskite Solar Cells. ECS Journal of Solid State Science and Technology, 2017, 6, M3078-M3083.	0.9	12
7	A dimeric fullerene derivative for efficient inverted planar perovskite solar cells with improved stability. Journal of Materials Chemistry A, 2017, 5, 7326-7332.	5.2	50
8	Perovskite Solar Cells: The Birth of a New Era in Photovoltaics. ACS Energy Letters, 2017, 2, 822-830.	8.8	305
9	The Steady Rise of Kesterite Solar Cells. ACS Energy Letters, 2017, 2, 776-779.	8.8	189
10	Synergy of ammonium chloride and moisture on perovskite crystallization for efficient printable mesoscopic solar cells. Nature Communications, 2017, 8, 14555.	5.8	270
11	Direct Evidence of Ion Diffusion for the Silver-Electrode-Induced Thermal Degradation of Inverted Perovskite Solar Cells. Advanced Energy Materials, 2017, 7, 1602922.	10.2	277
12	Design, fabrication and application of organic power converters: Driving light-emitting electrochemical cells from the AC mains. Organic Electronics, 2017, 45, 57-64.	1.4	4
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15	Ab initio study of the role of oxygen and excess electrons in the degradation of CH ₃ NH ₃ PbI ₃ . Journal of Materials Chemistry A, 2017, 5, 9042-9049.	5.2	71
16	Effects of Small Polar Molecules (MA ⁺ and H ₂ O) on Degradation Processes of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 14960-14966.	4.0	29
17	Low-Temperature Modification of ZnO Nanoparticles Film for Electron-Transport Layers in Perovskite Solar Cells. ChemSusChem, 2017, 10, 2425-2430.	3.6	31
18	300% Enhancement of Carrier Mobility in Uniaxially Oriented Perovskite Films Formed by Topotactically Oriented Attachment. Advanced Materials, 2017, 29, 1606831.	11.1	120

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19	Controlled Crystal Grain Growth in Mixed Cationâ€‘Halide Perovskite by Evaporated Solvent Vapor Recycling Method for High Efficiency Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 18739-18747.	4.0	42
20	Perovskite Tandem Solar Cells. Advanced Energy Materials, 2017, 7, 1602761.	10.2	193
21	Potential Improvement in Fill Factor of Lead-Halide Perovskite Solar Cells. Solar Rrl, 2017, 1, 1700027.	3.1	24
22	A new binaphthol based hole-transporting materials for perovskite solar cells. Tetrahedron, 2017, 73, 3398-3405.	1.0	9
23	Understanding and Eliminating Hysteresis for Highly Efficient Planar Perovskite Solar Cells. Advanced Energy Materials, 2017, 7, 1700414.	10.2	190
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38	Perovskite solar cells - An overview of critical issues. Progress in Quantum Electronics, 2017, 53, 1-37.	3.5	132
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