Halide Perovskite Photovoltaics: Background, Status, ar

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Citation Report

#	Article	IF	Citations
1	Divergent Optical Properties in an Isomorphous Family of Multinary Iodido Pentelates. Inorganic Chemistry, 2019, 58, 10983-10990.	1.9	17
2	Organic-Inorganic Hybrid Perovskites for Solar Cells Applications. Engineering Materials, 2019, , 89-101.	0.3	4
3	Food-derived carbonaceous materials for solar desalination and thermo-electric power generation. Nano Energy, 2019, 65, 104006.	8.2	149
4	Influence of Solution Deposition Process on Modulating Majority Charge Carrier Type and Quality of Perovskite Thin Films for Solar Cells. Materials, 2019, 12, 2494.	1.3	11
5	Nanostructured TiO₂ Grown by Low-Temperature Reactive Sputtering for Planar Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 6218-6229.	2.5	27
6	Mechanochemical synthesis of inorganic halide perovskites: evolution of phase-purity, morphology, and photoluminescence. Journal of Materials Chemistry C, 2019, 7, 11406-11410.	2.7	58
7	Efficient and stable perovskite solar cells based on perfluorinated polymers. Polymer Chemistry, 2019, 10, 5726-5736.	1.9	20
8	Fully-ambient-air and antisolvent-free-processed stable perovskite solar cells with perovskite-based composites and interface engineering. Nano Energy, 2019, 64, 103964.	8.2	35
9	Thionation Enhances the Performance of Polymeric Dopantâ€Free Holeâ€Transporting Materials for Perovskite Solar Cells. Advanced Materials Interfaces, 2019, 6, 1901036.	1.9	36
10	Scalable Fabrication of Metal Halide Perovskite Solar Cells and Modules. ACS Energy Letters, 2019, 4, 2147-2167.	8.8	161
12	Quantum-Dot-Induced Cesium-Rich Surface Imparts Enhanced Stability to Formamidinium Lead Iodide Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 1970-1975.	8.8	82
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15	Multiple Roles of Cobalt Pyrazol-Pyridine Complexes in High-Performing Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2019, 10, 4675-4682.	2.1	13
16	Ultrasonic Spray-Coated Mixed Cation Perovskite Films and Solar Cells. ACS Sustainable Chemistry and Engineering, 2019, 7, 14217-14224.	3.2	32
17	Recent Progress in Highâ€efficiency Planarâ€structure Perovskite Solar Cells. Energy and Environmental Materials, 2019, 2, 93-106.	7.3	45
18	Simultaneous Cesium and Acetate Coalloying Improves Efficiency and Stability of FA_{0.85}MA_{0.15}PbI₃ Perovskite Solar Cell with an Efficiency of 21.95%. Solar Rrl, 2019, 3, 1900220.	3.1	74
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21	Aâ€site Cation Engineering for Highly Efficient MAPbI₃ Singleâ€Crystal Xâ€ray Detector. Angewandte Chemie - International Edition, 2019, 58, 17834-17842.	7.2	174
22	Loss Analysis in Perovskite Photovoltaic Modules. Solar Rrl, 2019, 3, 1900338.	3.1	23
23	Energy level tuning of aromatic polyamines by [2â€¯+â€¯2] cycloaddition-retroelectrocyclization for the optimization of device performances. Synthetic Metals, 2019, 257, 116179.	2.1	3
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40	High-Performance Planar-Type Ultraviolet Photodetector Based on High-Quality CH₃NH₃PbCl₃ Perovskite Single Crystals. ACS Applied Materials & Interfaces, 2019, 11, 34144-34150.	4.0	71
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