

High efficiency planar-type perovskite solar cells with n-EDTA-complexed SnO₂

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Investigation of Microstructure Effect on NO ₂ Sensors Based on SnO ₂ Nanoparticles/Reduced Graphene Oxide Hybrids. ACS Applied Materials & Interfaces, 2018, 10, 41773-41783.	4.0	100
2	Thin-film solar cells exceeding 22% solar cell efficiency: An overview on CdTe-, Cu(In,Ga)Se ₂ -, and perovskite-based materials. Applied Physics Reviews, 2018, 5, .	5.5	175
3	Progress on the Synthesis and Application of CuSCN Inorganic Hole Transport Material in Perovskite Solar Cells. Materials, 2018, 11, 2592.	1.3	43
4	Effect of High Dipole Moment Cation on Layered 2D Organic-Inorganic Halide Perovskite Solar Cells. Advanced Energy Materials, 2019, 9, 1803024.	10.2	117
5	In Situ Grain Boundary Modification via Two-Dimensional Nanoplates to Remarkably Improve Stability and Efficiency of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 39802-39808.	4.0	24
6	SnO ₂ -Polymer Matrix for High-Efficiency Perovskite Solar Cells with Improved Reproducibility and Stability. Advanced Materials, 2018, 30, e1805153.	11.1	185
7	Perovskite Solar Cells Employing Copper Phthalocyanine Hole-Transport Material with an Efficiency over 20% and Excellent Thermal Stability. ACS Energy Letters, 2018, 3, 2441-2448.	8.8	90
8	Efficiency Enhancement of Perovskite Solar Cells with Plasmonic Nanoparticles: A Simulation Study. Materials, 2018, 11, 1626.	1.3	27
9	Unveiling the structures and electronic properties of CH ₃ NH ₃ PbI ₃ interfaces with TiO ₂ , ZnO, and SnO ₂ : a first-principles study. Journal of Materials Science, 2019, 54, 13594-13608.	1.7	5
10	Low temperature combustion synthesized indium oxide electron transport layer for high performance and stable perovskite solar cells. Journal of Power Sources, 2019, 438, 226981.	4.0	22
11	Low-temperature preparation of HTM-free SnO ₂ -based planar heterojunction perovskite solar cells with commercial carbon as counter electrode. Journal of Alloys and Compounds, 2019, 809, 151817.	2.8	23
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13	SnO ₂ -C ₆₀ Pyrrolidine Tris-Acid (CPTA) as the Electron Transport Layer for Highly Efficient and Stable Planar Sn-Based Perovskite Solar Cells. Advanced Functional Materials, 2019, 29, 1903621.	7.8	48
14	Multifunctional Chemical Linker Imidazoleacetic Acid Hydrochloride for 21% Efficient and Stable Planar Perovskite Solar Cells. Advanced Materials, 2019, 31, e1902902.	11.1	366
15	Tailored electronic properties of Zr-doped SnO ₂ nanoparticles for efficient planar perovskite solar cells with marginal hysteresis. Nano Energy, 2019, 65, 104014.	8.2	74
16	Low-Temperature Solution-Processed Thin SnO ₂ /Al ₂ O ₃ Double Electron Transport Layers Toward 20% Efficient Perovskite Solar Cells. IEEE Journal of Photovoltaics, 2019, 9, 1309-1315.	1.5	21
17	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
18	Scalable Fabrication of Metal Halide Perovskite Solar Cells and Modules. ACS Energy Letters, 2019, 4, 2147-2167.	8.8	161

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19	High-quality NiO thin film by low-temperature spray combustion method for perovskite solar cells. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151970.	2.8	36
20	Fullerene Derivative-Modified SnO ₂ Electron Transport Layer for Highly Efficient Perovskite Solar Cells with Efficiency over 21%. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33825-33834.	4.0	73
21	Defect passivation by alcohol-soluble small molecules for efficient planar perovskite solar cells with high open-circuit voltage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21140-21148.	5.2	58
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27	A review on the crystalline silicon bottom cell for monolithic perovskite/silicon tandem solar cells. <i>Materials Today Nano</i> , 2019, 7, 100045.	2.3	46
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