

Local manufacturing of perovskite solar cells, a game-changer for low-income countries?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Perovskite Solar Cells. <i>Energies</i> , 2022, 15, 6399.	3.1	2
2	Simple Approach to the Highly Efficient and Cost-Effective Inverted Perovskite Solar Cells via Solvent-Engineered Electron-Transporting Layers of Fullerene. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 16440-16449.	6.7	1
3	Molten Salt Strategy for Reproducible Evaporation of Efficient Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2023, 33, .	14.9	9
4	An Overview of Current Printing Technologies for Large-Scale Perovskite Solar Cell Development. <i>Energies</i> , 2023, 16, 190.	3.1	3
5	Delafossite as hole transport layer a new pathway for efficient perovskite-based solar sells: Insight from experimental, DFT and numerical analysis. <i>Solar Energy</i> , 2023, 250, 18-32.	6.1	29
6	Navigating the Site-Distinct Energy Conversion Properties of Perovskite Quantum Wells. <i>ACS Energy Letters</i> , 2023, 8, 1236-1265.	17.4	7
7	Environmental Impact Assessment of Autonomous Transportation Systems. <i>Energies</i> , 2023, 16, 5009.	3.1	0
8	Optimizing intrinsic cocatalyst activity and light absorption efficiency for efficient hydrogen evolution of 1D/2D ReS ₂ -CdS photocatalysts via control of ReS ₂ nanosheet layer growth. <i>Journal of Materials Science and Technology</i> , 2024, 168, 103-113.	10.7	1
10	Why Does the PV Solar Power Plant Operate Ineffectively?. <i>Energies</i> , 2023, 16, 4074.	3.1	7
11	Nanocrystalline Flash Annealed Nickel Oxide for Large Area Perovskite Solar Cells. <i>Advanced Science</i> , 2023, 10, .	11.2	5
12	CuS/SnS quantum dot-nanorod composites: Ferromagnetic and gigantic dielectric characteristics. <i>Materials Chemistry and Physics</i> , 2023, 309, 128342.	4.0	0
13	[Gd ³⁺ +Ho ³⁺ +Dy ³⁺]:CsPbI _{2.2} Br _{0.8} : Lanthanide impelled stabilization of perovskite material for sustainable energy harvesting, generation, and charge storage. <i>Sustainable Energy Technologies and Assessments</i> , 2023, 60, 103566.	2.7	0
14	Dimensional diversity (0D, 1D, 2D, and 3D) in perovskite solar cells: exploring the potential of mixed-dimensional integrations. <i>Journal of Materials Chemistry A</i> , 2024, 12, 4421-4440.	10.3	11
15	Electrochemical Impedance Spectroscopy of All-Perovskite Tandem Solar Cells. <i>ACS Energy Letters</i> , 2024, 9, 442-453.	17.4	0
16	The resource demands of multi-terawatt-scale perovskite tandem photovoltaics. <i>Joule</i> , 2024, 8, 1142-1160.	24.0	0
17	Facile synthesis of strontium selenide supported copper sulfide hybrid nanosheets as an efficient electrode for high-performance OER. <i>Journal of the Korean Ceramic Society</i> , 2024, 61, 469-481.	2.3	0
18	Revealing the Hole and Electron Transport Dynamics in the Working Devices for Efficient Semitransparent Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2024, 14, .	19.5	0