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List of articles citing

Vapor phase fabrication of three-dimensional arrayed BiI<sub>3</sub> nanosheets for cost-effective solar cells

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#	Paper	IF	Citations
17	All-inorganic and lead-free BiI <sub>3</sub> thin film solar cells by iodization of BiSI thin films. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 14066-14074	7.1	9
16	Solution Growth of BiSI Nanorod Arrays on a Tungsten Substrate for Solar Cell Application. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 13488-13496	8.3	6
15	On interface recombination, series resistance, and absorber diffusion length in BiI <sub>3</sub> solar cells. <i>Journal of Applied Physics</i> , <b>2021</b> , 129, 133101	2.5	2
14	Alternative Lone-Pair ns <sup>2</sup> -Cation-Based Semiconductors beyond Lead Halide Perovskites for Optoelectronic Applications. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008574	2.4	9
13	Pressure Engineering for Extending Spectral Response Range and Enhancing Photoelectric Properties of Iodine. <i>Advanced Optical Materials</i> , 2101163	8.1	6
12	Resolving the intrinsic bandgap and edge effect of BiI <sub>3</sub> film epitaxially grown on graphene. <i>Materials Today Physics</i> , <b>2021</b> , 20, 100454	8	2
11	Recent progress of efficient flexible solar cells based on nanostructures. <i>Journal of Semiconductors</i> , <b>2021</b> , 42, 101604	2.3	2
10	The lead-free perovskite solar cells with the green synthesized BiI <sub>3</sub> and AgI nanoparticles using Vitex agnus-castus plant extract for HTM-free and carbon-based solar cells. <i>Journal of Materials Research and Technology</i> , <b>2022</b> , 18, 1922-1933	5.5	0
9	Solvent evaporation induced preferential crystal orientation BiI <sub>3</sub> films for the high efficiency MA <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> perovskite solar cells. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 909, 164725	5.7	2
8	Recent Advances in Bismuth-Based Solar Cells: Fundamentals, Fabrication, and Optimization Strategies. <i>Advanced Sustainable Systems</i> , 2200051	5.9	1
7	Drop-Casting Halide Microcrystals Enabled by Green Glycol Solvent for High-Performance Photodetectors. <i>Advanced Photonics Research</i> , 2200041	1.9	
6	Growth of (100)-orientation-preferred BiI <sub>3</sub> nanoplate films by vapor transport deposition for photovoltaic application.		0
5	A deep-ultraviolet photodetector of a BiGa <sub>2</sub> O <sub>3</sub> /CuBiI <sub>4</sub> heterojunction highlighting ultra-high sensitivity and responsivity. <b>2022</b> , 757, 139397		0
4	Bismuth Complex Controlled Morphology Evolution and CuSCN-Induced Transport Improvement Enable Efficient BiI <sub>3</sub> Solar Cells. <b>2022</b> , 12, 3121		0
3	From a novel synthesis method for bismuth tri-iodide nanoparticles to a solution-processed hybrid material: BiI <sub>3</sub> -conducting polymer.		0
2	Three-Dimensional Nanopillar Arrays-Based Efficient and Flexible Perovskite Solar Cells with Enhanced Stability.		0
1	Effect of annealing on photo-physical properties of BiI <sub>3</sub> thin films via vacuum thermal evaporation deposition for photovoltaic applications. <b>2023</b> , 98, 27		0

