

Impact of strain relaxation on performance of \hat{I}_{\pm} -formation cells

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Visualizing the Invisible in Perovskites. <i>Joule</i> , 2020, 4, 2545-2548.	11.7	7
2	Enhancing Photovoltaic and Photosensing Performances in Bismuth Ferrite via Polar Order Engineering. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3773-3782.	2.0	17
3	Temperature-Assisted Crystal Growth of Photovoltaic \pm -Phase FAPbI_3 Thin Films by Sequential Blade Coating. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55830-55837.	4.0	11
4	Is the strain responsible to instability of inorganic perovskites and their photovoltaic devices?. <i>Materials Today Energy</i> , 2021, 19, 100601.	2.5	17
5	Roles of MAI in Sequentially Deposited Bromine-Free Perovskite Absorbers for Efficient Solar Cells. <i>Advanced Materials</i> , 2021, 33, e2007126.	11.1	112
6	Effects of A site doping on the crystallization of perovskite films. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1372-1394.	5.2	43
7	Highly electroluminescent and stable inorganic CsPbI_2Br perovskite solar cell enabled by balanced charge transfer. <i>Chemical Engineering Journal</i> , 2021, 417, 128053.	6.6	24
8	Strain Engineering of Metal-Halide Perovskites toward Efficient Photovoltaics: Advances and Perspectives. <i>Solar Rrl</i> , 2021, 5, 2000672.	3.1	33
9	Moisture-Resistant FAPbI_3 Perovskite Solar Cell with 22.25% Power Conversion Efficiency through Pentafluorobenzyl Phosphonic Acid Passivation. <i>ChemSusChem</i> , 2021, 14, 1176-1183.	3.6	101
10	Defect mitigation using γ -penicillamine for efficient methylammonium-free perovskite solar cells with high operational stability. <i>Chemical Science</i> , 2021, 12, 2050-2059.	3.7	88
11	Towards highly stable and efficient planar perovskite solar cells: Materials development, defect control and interfacial engineering. <i>Chemical Engineering Journal</i> , 2021, 420, 127599.	6.6	37
12	Vacancy defects on optoelectronic properties of double perovskite $\text{Cs}_2\text{AgBiBr}_6$. <i>Materials Science in Semiconductor Processing</i> , 2021, 123, 105541.	1.9	27
13	Mixed formamidinium-methylammonium lead iodide perovskite from first-principles: hydrogen-bonding impact on the electronic properties. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 7376-7385.	1.3	25
14	Recent progress of metal-halide perovskite-based tandem solar cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4538-4564.	3.2	15
15	Efficient, Stable Solar Cells and Minimodules Enabled by Dual-Functional Isobutylammonium Dithiocarbamate Induced Formamidinium-Cesium Perovskite Crystallization Regulation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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17	Formamidine disulfide oxidant as a localised electron scavenger for >20% perovskite solar cell modules. <i>Energy and Environmental Science</i> , 2021, 14, 4903-4914.	15.6	63
18	Substance and shadow of formamidinium lead triiodide based solar cells. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 9049-9060.	1.3	7

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