

Enhanced Thermal Stability in Perovskite Solar Cells by Structures

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent progress in 2D/quasi-2D layered metal halide perovskites for solar cells. Journal of Materials Chemistry A, 2018, 6, 11063-11077.	5.2	183
2	Phase Engineering in Quasi-2D Ruddlesden-Popper Perovskites. Journal of Physical Chemistry Letters, 2018, 9, 2627-2631.	2.1	82
3	A highly stable and efficient carbon electrode-based perovskite solar cell achieved via interfacial growth of 2D PEA ₂ PbI ₄ perovskite. Journal of Materials Chemistry A, 2018, 6, 24560-24568.	5.2	76
4	Dimensionality engineering of hybrid halide perovskite light absorbers. Nature Communications, 2018, 9, 5028.	5.8	245
5	Attaining High Photovoltaic Efficiency and Stability with Multidimensional Perovskites. ChemSusChem, 2018, 11, 4193-4202.	3.6	16
6	3D/2D multidimensional perovskites: Balance of high performance and stability for perovskite solar cells. Current Opinion in Electrochemistry, 2018, 11, 105-113.	2.5	59
7	Phase Pure 2D Perovskite for High-Performance 2D-3D Heterostructured Perovskite Solar Cells. Advanced Materials, 2018, 30, e1805323.	11.1	244
8	Universal passivation strategy to slot-die printed SnO ₂ for hysteresis-free efficient flexible perovskite solar module. Nature Communications, 2018, 9, 4609.	5.8	596
9	Quantum Dots Coupled to an Oriented Two-Dimensional Crystalline Matrix for Solar Cell Application. ACS Applied Materials & Interfaces, 2018, 10, 39074-39082.	4.0	12
10	Face-shared structures of one-dimensional organic-inorganic lead iodide perovskites. Applied Physics Express, 2018, 11, 115502.	1.1	3
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15	Interface Engineering in Metal Halide Perovskite Solar Cells. Solar Rrl, 2018, 2, 1800177.	3.1	53
16	Efficient and Ambient-Stable Solar Cell with Highly Oriented 2D@3D Perovskites. Advanced Functional Materials, 2018, 28, 1801654.	7.8	98
17	CsPbCl ₃ -Driven Low-Trap-Density Perovskite Grain Growth for >20% Solar Cell Efficiency. Advanced Science, 2018, 5, 1800474.	5.6	65
18	Defect Engineering toward Highly Efficient and Stable Perovskite Solar Cells. Advanced Materials Interfaces, 2018, 5, 1800326.	1.9	40

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20	The Impact of Hybrid Compositional Film/Structure on Organic-Inorganic Perovskite Solar Cells. <i>Nanomaterials</i> , 2018, 8, 356.	1.9	30
21	Bromine Doping as an Efficient Strategy to Reduce the Interfacial Defects in Hybrid Two-Dimensional/Three-Dimensional Stacking Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31755-31764.	4.0	65
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23	Highly Efficient 2D/3D Hybrid Perovskite Solar Cells via Low-Pressure Vapor-Assisted Solution Process. <i>Advanced Materials</i> , 2018, 30, e1801401.	11.1	154
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