

Mehrdad Najafi

List of Publications by Year in descending order

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11
papers

347
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1307594

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705
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient and Stable Flexible Perovskite Solar Cells with Metal Oxides Nanoparticle Charge Extraction Layers. <i>Small</i> , 2018, 14, e1702775.	10.0	111
2	Role of surface recombination in perovskite solar cells at the interface of HTL/CH ₃ NH ₃ PbI ₃ . <i>Nano Energy</i> , 2020, 67, 104186.	16.0	84
3	High efficiency 4-terminal perovskite/c-Si tandem cells. <i>Solar Energy Materials and Solar Cells</i> , 2018, 188, 1-5.	6.2	43
4	Highly Efficient and Stable Semi-transparent p-i-n Planar Perovskite Solar Cells by Atmospheric Pressure Spatial Atomic Layer Deposited ZnO. <i>Solar Rrl</i> , 2018, 2, 1800147.	5.8	31
5	Scalable Pulsed Laser Deposition of Transparent Rear Electrode for Perovskite Solar Cells. <i>Advanced Materials Technologies</i> , 2021, 6, 2000856.	5.8	28
6	Visible Light Communication system using an organic emitter and a perovskite photodetector. <i>Organic Electronics</i> , 2019, 73, 292-298.	2.6	26
7	Crystalline silicon solar cell with front and rear polysilicon passivated contacts as bottom cell for hybrid tandems. <i>Energy Procedia</i> , 2017, 124, 621-627.	1.8	8
8	Effect of Different Bromine Sources on the Dual Cation Mixed Halide Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 8285-8294.	5.1	8
9	Additive effect of bromides and chlorides on the performance of perovskite solar cells fabricated via sequential deposition. <i>Journal of Power Sources</i> , 2021, 513, 230528.	7.8	4
10	Light-Soak Stable Semitransparent and Bifacial Perovskite Solar Cells for Single-Junction and Tandem Architectures. <i>Solar Rrl</i> , 0, , 2100621.	5.8	3
11	Atmospheric Pressure Spatial ALD Layer for Ambient, Thermally and Light Stable p-i-n Planar Perovskite Solar Cells. , 2018, , .		1