

Jiadong Qian

List of Publications by Year in descending order

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papers

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1478505

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8
docs citations

8
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of perovskite solar cell degradation on the lifetime energy yield and economic viability of perovskite/silicon tandem modules. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1439-1447.	4.9	30
2	Comparison of Half-Cell and Full-Cell Module Hotspot-Induced Temperature by Simulation. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 834-839.	2.5	22
3	Impact of Perovskite/Silicon Tandem Module Design on Hot-Spot Temperature. <i>ACS Applied Energy Materials</i> , 2018, 1, 3025-3029.	5.1	17
4	Destructive reverse bias pinning in perovskite/silicon tandem solar modules caused by perovskite hysteresis under dynamic shading. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4067-4075.	4.9	16
5	Impact of PV module configuration on energy yield under realistic conditions. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.	3.3	11
6	Analysis of Hotspots in Half Cell Modules Undetected by Current Test Standards. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 842-848.	2.5	10
7	Two-Dimensional Hot Spot Temperature Simulation for c-Si Photovoltaic Modules. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800429.	1.8	4