

Junwen He

List of Publications by Year in descending order

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10
papers

223
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous Light Management in Flexible Photoelectrochromic Films Integrating High Performance Silicon Solar Microcells. <i>ACS Applied Energy Materials</i> , 2020, 3, 1540-1551.	5.1	13
2	Solution processes for ultrabroadband and omnidirectional graded-index glass lenses with near-zero reflectivity in high concentration photovoltaics. <i>Scientific Reports</i> , 2018, 8, 14907.	3.3	4
3	Design Criteria for Micro-Optical Tandem Luminescent Solar Concentrators. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 1560-1567.	2.5	35
4	Porous Nanomaterials: Porous Nanomaterials for Ultrabroadband Omnidirectional Anti-Reflection Surfaces with Applications in High Concentration Photovoltaics (<i>Adv. Energy Mater.</i> 7/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	2
5	Porous Nanomaterials for Ultrabroadband Omnidirectional Anti-Reflection Surfaces with Applications in High Concentration Photovoltaics. <i>Advanced Energy Materials</i> , 2017, 7, 1601992.	19.5	27
6	Optimization of Photon and Electron Collection Efficiencies in Silicon Solar Microcells for Use in Concentration-Based Photovoltaic Systems. <i>Advanced Materials Technologies</i> , 2017, 2, 1700169.	5.8	6
7	High-concentration planar microtracking photovoltaic system exceeding 30% efficiency. <i>Nature Energy</i> , 2017, 2, .	39.5	56
8	Micro-optical Tandem Luminescent Solar Concentrator. , 2017, , .		6
9	Concentrator photovoltaic module architectures with capabilities for capture and conversion of full global solar radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8210-E8218.	7.1	48
10	Enhanced ultraviolet responses in thin-film InGaP solar cells by down-shifting. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20434.	2.8	26