

Junwen He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10957727/publications.pdf>

Version: 2024-02-01

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