

Hassan Alshehri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/303616/publications.pdf>

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9
papers

195
citations

1684188

5
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, fabrication and optical characterizations of large-area lithography-free ultrathin multilayer selective solar coatings with excellent thermal stability in air. <i>Solar Energy Materials and Solar Cells</i> , 2018, 174, 445-452.	6.2	65
2	Energetic and exergetic performance analysis of a solar driven power, desalination and cooling poly-generation system. <i>Energy</i> , 2020, 196, 117150.	8.8	50
3	Theoretical analysis of solar thermophotovoltaic energy conversion with selective metafilm and cavity reflector. <i>Solar Energy</i> , 2019, 191, 623-628.	6.1	30
4	Wavelength-selective and diffuse infrared thermal emission mediated by magnetic polaritons from silicon carbide metasurfaces. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	26
5	Plasmonic light trapping for enhanced light absorption in film-coupled ultrathin metamaterial thermophotovoltaic cells. <i>Frontiers in Energy</i> , 2018, 12, 185-194.	2.3	18
6	Highly efficient sub-100-nm thermophotovoltaic cells enhanced by spectrally selective two-dimensional metasurface. <i>Journal of Photonics for Energy</i> , 2018, 9, 1.	1.3	3
7	Plasmonic local heating beyond diffraction limit by the excitation of magnetic polariton. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
8	Plasmonic localized heating beyond the diffraction limit via magnetic polariton excitation. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	1
9	CONCENTRATING SOLAR THERMOPHOTOVOLTAIC ENERGY CONVERSION ENHANCED BY SELECTIVE METAFILM. , 2019, , .		1