

# Hassan Alshehri

## List of Publications by Year in descending order

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

Version: 2024-02-01

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