

# Qing Ni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3823211/publications.pdf>

Version: 2024-02-01

11  
papers

101  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical analysis of solar thermophotovoltaic energy conversion with selective metafilm and cavity reflector. <i>Solar Energy</i> , 2019, 191, 623-628.	6.1	30
2	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
3	An experimental study on mid-high temperature effective thermal conductivity of the closed-cell aluminum foam. <i>Applied Thermal Engineering</i> , 2015, 77, 127-133.	6.0	16
4	Optical characterization and modeling of nanoporous gold absorbers fabricated by thin-film dealloying. <i>Nanotechnology</i> , 2020, 31, 405706.	2.6	9
5	A Lattice Monte Carlo analysis of the effective thermal conductivity of closed-cell aluminum foams and an experimental verification. <i>International Journal of Heat and Mass Transfer</i> , 2015, 86, 853-860.	4.8	8
6	A theoretical discussion on the internal quantum efficiencies of the epitaxial single crystal GaSb thin film cells with different p-n junctions. <i>Solar Energy Materials and Solar Cells</i> , 2016, 149, 88-96.	6.2	6
7	Identification of the dissociative and kick-out diffusion mechanisms of Zn diffusion in GaAs by photoluminescence analysis. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 197, 1-4.	3.5	5
8	Optoelectronic analysis of spectrally selective nanophotonic metafilm cell for thermophotovoltaic energy conversion. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 268, 107625.	2.3	5
9	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
10	Effects of the composition of diffusion source on the surface concentration and effective surface diffusivity of Zn in n-GaSb. <i>Journal of Materials Science</i> , 2016, 51, 7300-7308.	3.7	1
11	First-principles Investigation on Diffusion Mechanism of Zinc in n-GaSb. <i>Energy Procedia</i> , 2015, 75, 2175-2180.	1.8	0