

Hai-Tong Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7867502/publications.pdf>

Version: 2024-02-01

12
papers

315
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical and radiative properties of infrared opacifier particles loaded in silica aerogels for high temperature thermal insulation. International Journal of Thermal Sciences, 2013, 70, 54-64.	4.9	109
2	Theoretical model of radiative transfer in opacified aerogel based on realistic microstructures. International Journal of Heat and Mass Transfer, 2014, 70, 478-485.	4.8	48
3	Ultrathin planar broadband absorber through effective medium design. Nano Research, 2016, 9, 2354-2363.	10.4	45
4	Selectively enhanced near-field radiative transfer between plasmonic emitter and GaSb with nanohole and nanowire periodic arrays for thermophotovoltaics. International Journal of Heat and Mass Transfer, 2018, 123, 67-74.	4.8	23
5	Simple Rectangular Gratings as a Near-Field "Anti-Reflection" Pattern for GaSb TPV Cells. Scientific Reports, 2017, 7, 1026.	3.3	20
6	New Insight into the Angle Insensitivity of Ultrathin Planar Optical Absorbers for Broadband Solar Energy Harvesting. Scientific Reports, 2016, 6, 32515.	3.3	17
7	Four-layer metallodielectric emitter for spectrally selective near-field radiative transfer in nano-gap thermophotovoltaics. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 217, 235-242.	2.3	13
8	Calculation and experimental validation of spectral properties of microsize grains surrounded by nanoparticles. Optics Express, 2014, 22, 7925.	3.4	10
9	Applicability of the effective medium theory for optimizing thermal radiative properties of systems containing wavelength-sized particles. International Journal of Heat and Mass Transfer, 2015, 87, 303-311.	4.8	10
10	Theoretical Predictions of Spectral Emissivity for Coal Ash Deposits. Journal of Heat Transfer, 2014, 136, .	2.1	7
11	A New Route for Unburned Carbon Concentration Measurements Eliminating Mineral Content and Coal Rank Effects. Scientific Reports, 2014, 4, 4567.	3.3	7
12	Ultrathin planar hematite film for solar photoelectrochemical water splitting. Optics Express, 2015, 23, A1491.	3.4	6