

# 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	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
2	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
3	Simple Rectangular Gratings as a Near-Field "Anti-Reflection" Pattern for GaSb TPV Cells. Scientific Reports, 2017, 7, 1026.	3.3	20
4	Ultrathin planar broadband absorber through effective medium design. Nano Research, 2016, 9, 2354-2363.	10.4	45
5	New Insight into the Angle Insensitivity of Ultrathin Planar Optical Absorbers for Broadband Solar Energy Harvesting. Scientific Reports, 2016, 6, 32515.	3.3	17
6	Ultrathin planar hematite film for solar photoelectrochemical water splitting. Optics Express, 2015, 23, A1491.	3.4	6
7	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
8	Theoretical Predictions of Spectral Emissivity for Coal Ash Deposits. Journal of Heat Transfer, 2014, 136, .	2.1	7
9	Calculation and experimental validation of spectral properties of microsize grains surrounded by nanoparticles. Optics Express, 2014, 22, 7925.	3.4	10
10	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
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	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