

Yong

List of Publications by Year in descending order

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18
papers

297
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature field of radiative equilibrium in a semitransparent slab with a linear refractive index and gray walls. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2002, 74, 249-261.	2.3	73
2	Symmetric metasurface with dual band polarization-independent high-Q resonances governed by symmetry-protected BIC. <i>Optics Letters</i> , 2021, 46, 4049.	3.3	65
3	Active Magneto-Optical Control of Near-Field Radiative Heat Transfer between Graphene Sheets. <i>Physical Review Applied</i> , 2019, 11, .	3.8	51
4	Solving steady and transient radiative transfer problems with strong inhomogeneity via a lattice Boltzmann method. <i>International Journal of Heat and Mass Transfer</i> , 2020, 155, 119714.	4.8	18
5	A multiple-relaxation-time lattice Boltzmann model for radiative transfer equation. <i>Journal of Computational Physics</i> , 2021, 429, 110007.	3.8	15
6	Direction-independent dual-band perfect absorption induced by fundamental magnetic polaritons. <i>Optics Express</i> , 2019, 27, A1431.	3.4	13
7	Lattice Boltzmann model for multidimensional polarized radiative transfer: theory and application. <i>Optica</i> , 2021, 8, 1136.	9.3	11
8	Combination of the Monte Carlo method and DDA to evaluate the radiative properties of ITO-pigmented and TiO ₂ -pigmented coatings. <i>International Journal of Thermal Sciences</i> , 2019, 146, 106076.	4.9	10
9	Experimental and computational investigation of adsorption performance of TC-5A and PSA-5A for manned spacecraft. <i>Chinese Journal of Aeronautics</i> , 2015, 28, 1583-1592.	5.3	9
10	Mesoscopic lattice Boltzmann model for radiative heat transfer in graded-index media. <i>Physical Review Research</i> , 2022, 4, .	3.6	9
11	Enhancing light absorption of graphene with dual quasi bound states in the continuum resonances. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 283, 108150.	2.3	9
12	A Lattice Boltzmann Scheme for Polarized Radiative Transfer in Planetary Atmospheres. <i>Astronomical Journal</i> , 2021, 162, 122.	4.7	4
13	A fast GPU Monte Carlo implementation for radiative heat transfer in graded-index media. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 269, 107680.	2.3	3
14	Thermal emission of a two-dimensional semitransparent medium with discrete distributions of graded index. <i>International Communications in Heat and Mass Transfer</i> , 2020, 117, 104726.	5.6	2
15	Radiative properties of porous fly ash particles based on the particle superposition model. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 277, 107977.	2.3	2
16	TM polarization characteristics on thermal radiation of a negative refractive index thin film. <i>Science Bulletin</i> , 2009, 54, 1663-1668.	9.0	1
17	Geometrical effect of graded index on the transport of polarized lights. <i>Optics Letters</i> , 2021, 46, 3981.	3.3	1
18	A general Monte Carlo method for polarized radiative transfer in multi-dimensional graded-index media. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 278, 108041.	2.3	1