Keyong Zhu

List of Publications by Year
in descending order

14	185	1163117 8	1058476 14
papers	citations	h-index	g-index

14	14	14	118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mesoscopic lattice Boltzmann model for radiative heat transfer in graded-index media. Physical Review Research, 2022, 4, .	3.6	9
2	Infrared radiation transfer through semitransparent windows supporting absorbing droplets. International Journal of Heat and Mass Transfer, 2022, 194, 123043.	4.8	3
3	A multiple-relaxation-time lattice Boltzmann model for radiative transfer equation. Journal of Computational Physics, 2021, 429, 110007.	3.8	15
4	Impact of Dropwise Condensation on the Biomass Production Rate in Covered Raceway Ponds. Energies, 2021, 14, 268.	3.1	5
5	Lattice Boltzmann model for multidimensional polarized radiative transfer: theory and application. Optica, 2021, 8, 1136.	9.3	11
6	A Lattice Boltzmann Scheme for Polarized Radiative Transfer in Planetary Atmospheres. Astronomical Journal, 2021, 162, 122.	4.7	4
7	Transmittance of transparent horizontal and tilted windows supporting large non-absorbing pendant droplets. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 275, 107876.	2.3	5
8	Numerical Study of the Influence of Coupling Interface Emissivity on Aerogel Metal Thermal Protection Performance. Gels, 2021, 7, 250.	4.5	3
9	Solving steady and transient radiative transfer problems with strong inhomogeneity via a lattice Boltzmann method. International Journal of Heat and Mass Transfer, 2020, 155, 119714.	4.8	18
10	Bidirectional transmittance of transparent windows with external or backside condensation of nonabsorbing cap-shaped droplets. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 251, 107039.	2.3	7
11	Active Magneto-Optical Control of Near-Field Radiative Heat Transfer between Graphene Sheets. Physical Review Applied, 2019, 11, .	3.8	51
12	Light transfer through windows with external condensation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 208, 164-171.	2.3	11
13	Transmittance of transparent windows with non-absorbing cap-shaped droplets condensed on their backside. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 194, 98-107.	2.3	26
14	Transmittance of semitransparent windows with absorbing cap-shaped droplets condensed on their backside. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 201, 53-63.	2.3	17