

Keyong Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

185
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

118
citing authors

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