

Ming-Jian He

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

452
citations

840119

11
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

156
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nonlinear Acoustic Tomography for Measuring the Temperature and Velocity Fields by Using the Covariance Matrix Adaptation Evolution Strategy Algorithm. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14. | 2.4 | 6 |
| 2 | Dependence of the Nonlinear Photoacoustic Response of Gold Nanoparticles on the Heat-Transfer Process. Journal of Physical Chemistry C, 2022, 126, 3489-3501. | 1.5 | 7 |
| 3 | Photoacoustic response optimization of gold nanorods in the near-infrared region. Results in Physics, 2022, 34, 105209. | 2.0 | 9 |
| 4 | An equation-solving method based on radiation distribution factor for radiative transfer in participating media with diffuse boundaries. Results in Physics, 2022, 36, 105418. | 2.0 | 3 |
| 5 | Acoustic tomography of two dimensional velocity field by using meshless radial basis function and modified Tikhonov regularization method. Measurement: Journal of the International Measurement Confederation, 2021, 175, 109107. | 2.5 | 30 |
| 6 | Plasmonic Optical Tweezers for Particle Manipulation: Principles, Methods, and Applications. ACS Nano, 2021, 15, 6105-6128. | 7.3 | 67 |
| 7 | An efficient equation-solving method for calculating radiative transfer in isotropic scattering medium. International Journal of Heat and Mass Transfer, 2021, 174, 121298. | 2.5 | 8 |
| 8 | Semi-analytical equation-solving RDFIEM method for radiative transfer in a plane-parallel anisotropic scattering medium. International Journal of Thermal Sciences, 2021, 166, 106946. | 2.6 | 2 |
| 9 | Optimization configuration of selective solar absorber using multi-island genetic algorithm. Solar Energy, 2021, 224, 947-955. | 2.9 | 40 |
| 10 | Efficient equation-solving integral equation method based on the radiation distribution factor for calculating radiative transfer in 3D anisotropic scattering medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 275, 107886. | 1.1 | 15 |
| 11 | Magnetoplasmonic manipulation of nanoscale thermal radiation using twisted graphene gratings. International Journal of Heat and Mass Transfer, 2020, 150, 119305. | 2.5 | 64 |
| 12 | Giant thermal magnetoresistance driven by graphene magnetoplasmon. Applied Physics Letters, 2020, 117, . | 1.5 | 16 |
| 13 | Radiative thermal switch driven by anisotropic black phosphorus plasmons. Optics Express, 2020, 28, 26922. | 1.7 | 22 |
| 14 | Active control of near-field radiative heat transfer by a graphene-gratings coating-twisting method. Optics Letters, 2020, 45, 2914. | 1.7 | 49 |
| 15 | Magnetoplasmon-surface phonon polaritonsâ€™ coupling effects in radiative heat transfer. Optics Letters, 2020, 45, 5148. | 1.7 | 14 |
| 16 | Graphene-mediated near field thermostat based on three-body photon tunneling. International Journal of Heat and Mass Transfer, 2019, 137, 12-19. | 2.5 | 24 |
| 17 | Graphene-based thermal repeater. Applied Physics Letters, 2019, 115, . | 1.5 | 40 |
| 18 | Near-field radiative heat transfer in multilayered graphene system considering equilibrium temperature distribution. Optics Express, 2019, 27, A953. | 1.7 | 36 |