

# Ming-Jian He

## List of Publications by Year in descending order

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docs citations

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times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic Optical Tweezers for Particle Manipulation: Principles, Methods, and Applications. ACS Nano, 2021, 15, 6105-6128.	7.3	67
2	Magnetoplasmonic manipulation of nanoscale thermal radiation using twisted graphene gratings. International Journal of Heat and Mass Transfer, 2020, 150, 119305.	2.5	64
3	Active control of near-field radiative heat transfer by a graphene-gratings coating-twisting method. Optics Letters, 2020, 45, 2914.	1.7	49
4	Graphene-based thermal repeater. Applied Physics Letters, 2019, 115, .	1.5	40
5	Optimization configuration of selective solar absorber using multi-island genetic algorithm. Solar Energy, 2021, 224, 947-955.	2.9	40
6	Near-field radiative heat transfer in multilayered graphene system considering equilibrium temperature distribution. Optics Express, 2019, 27, A953.	1.7	36
7	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
8	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
9	Radiative thermal switch driven by anisotropic black phosphorus plasmons. Optics Express, 2020, 28, 26922.	1.7	22
10	Giant thermal magnetoresistance driven by graphene magnetoplasmon. Applied Physics Letters, 2020, 117, .	1.5	16
11	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
12	Magnetoplasmon-surface phonon polaritonsâ€™ coupling effects in radiative heat transfer. Optics Letters, 2020, 45, 5148.	1.7	14
13	Photoacoustic response optimization of gold nanorods in the near-infrared region. Results in Physics, 2022, 34, 105209.	2.0	9
14	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
15	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
16	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
17	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
18	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