

Sheila Edalatpour

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

335
citations

1163117

8
h-index

1058476

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all docs

15
docs citations

15
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	The Thermal Discrete Dipole Approximation (T-DDA) for near-field radiative heat transfer simulations in three-dimensional arbitrary geometries. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 133, 364-373.	2.3	93
2	Near-field radiative heat transfer between arbitrarily shaped objects and a surface. <i>Physical Review B</i> , 2016, 94, .	3.2	54
3	Size effect on the emissivity of thin films. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 118, 75-85.	2.3	47
4	Convergence analysis of the thermal discrete dipole approximation. <i>Physical Review E</i> , 2015, 91, 063307.	2.1	44
5	Effect of phase transformation latent heat on prediction accuracy of strip laminar cooling. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1776-1782.	6.3	32
6	Near-field thermal electromagnetic transport: An overview. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 178, 14-21.	2.3	24
7	Spectral redshift of the thermal near field scattered by a probe. <i>Physical Review B</i> , 2019, 99, .	3.2	12
8	Effect of nonlocal electrical conductivity on near-field radiative heat transfer between graphene sheets. <i>Physical Review B</i> , 2022, 105, .	3.2	8
9	Near-field thermal emission by periodic arrays. <i>Physical Review E</i> , 2019, 99, 063308.	2.1	5
10	Validity of the effective medium theory for modeling near-field thermal emission by nanowire arrays. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 261, 107482.	2.3	5
11	Apparent Spectral Shift of Thermally Generated Surface Phonon-Polariton Resonance Mediated by a Nonresonant Film. <i>Physical Review Applied</i> , 2018, 10, .	3.8	4
12	Measurement of near-field thermal emission spectra using an internal reflection element. <i>Physical Review B</i> , 2019, 100, .	3.2	4
13	The quantum confinement effect on the spectrum of near-field thermal radiation by quantum dots. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	2
14	Spatial coherence of the thermal emission of a sphere. <i>Physical Review B</i> , 2020, 101, .	3.2	1
15	A three-body affair. <i>Nature Nanotechnology</i> , 2020, 15, 85-86.	31.5	0