

Azadeh Didari

List of Publications by Year in descending order

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papers

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1307594

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14
all docs

14
docs citations

14
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of near-field radiation transfer within nano-gaps using FDTD method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 146, 214-226.	2.3	44
2	A biomimicry design for nanoscale radiative cooling applications inspired by Morpho didius butterfly. Scientific Reports, 2018, 8, 16891.	3.3	36
3	Near-field thermal emission between corrugated surfaces separated by nano-gaps. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 158, 43-51.	2.3	29
4	Near- to far-field coherent thermal emission by surfaces coated by nanoparticles and the evaluation of effective medium theory. Optics Express, 2015, 23, A547.	3.4	24
5	A design tool for direct and non-stochastic calculations of near-field radiative transfer in complex structures: The NF-RT-FDTD algorithm. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 197, 95-105.	2.3	24
6	Near-field thermal radiation transfer by mesoporous metamaterials. Optics Express, 2015, 23, A1253.	3.4	17
7	Near-field radiative transfer in spectrally tunable double-layer phonon-polaritonic metamaterials. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 212, 120-127.	2.3	17
8	Tunable near-field radiative transfer by III-V group compound semiconductors. Journal Physics D: Applied Physics, 2019, 52, 105104.	2.8	7
9	COMPUTATIONAL NEAR-FIELD RADIATIVE TRANSFER AND NF-RT-FDTD ALGORITHM. Annual Review of Heat Transfer, 2020, 23, 59-93.	1.0	2
10	Near to Far-Field Thermal Emission by Nanoparticles on a Substrate: Evaluation of Effective Medium Theory. , 2014, , .		1
11	Far-field thermal emission by metamaterials with nano-scale porosities and corrugations. , 2015, , .		1
12	Biomimicry designs for passive optical solutions for nanoscale radiative cooling applications. , 2018, , .		1
13	LOCALIZED NEAR-FIELD RADIATIVE HEAT TRANSFER IN BIOMIMICRY DESIGNS INSPIRED BY NEON TETRA FISH. , 2019, , .		0