

Emmanuel Rousseau

List of Publications by Year in descending order

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28
papers

1,379
citations

687363

13
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on the paper "Improving Poor Man's Kramers-Kronig analysis and Kramers-Kronig constrained variational analysis". Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 259, 119849.	3.9	4
2	Concept of a Generalized Law of Refraction: A Phenomenological Model. ACS Photonics, 2020, 7, 1649-1654.	6.6	8
3	Rigorous Asymptotic Study of the Screened Electrostatic Potential in a Thin Dielectric Slab. Annalen Der Physik, 2019, 531, 1800486.	2.4	2
4	InAs quantum dot in a needlelike tapered InP nanowire: a telecom band single photon source monolithically grown on silicon. Nanoscale, 2019, 11, 21847-21855.	5.6	19
5	Topological excitations of a quantum metasurface. , 2019, , .		0
6	Optical properties of an ensemble of G-centers in silicon. Physical Review B, 2018, 97, .	3.2	49
7	Strong light-matter coupling in a quantum metasurface. , 2018, , .		0
8	Ray chaos in a photonic crystal. Europhysics Letters, 2017, 117, 14002.	2.0	2
9	Deep ultraviolet emission in hexagonal boron nitride grown by high-temperature molecular beam epitaxy. 2D Materials, 2017, 4, 021023.	4.4	102
10	Anti-coalescence of bosons on a lossy beam splitter. Science, 2017, 356, 1373-1376.	12.6	71
11	The quantum-optics Hamiltonian in the Multipolar gauge. Scientific Reports, 2017, 7, 11115.	3.3	11
12	All-Optical Photonic Band Control in a Quantum Metamaterial. Annalen Der Physik, 2017, 529, 1600371.	2.4	3
13	Quantum dynamics of confined modes of a metasurface. , 2017, , .		0
14	Photonic band control in a quantum metamaterial. , 2017, , .		0
15	Quantum metamaterials in the microwave and optical ranges. EPJ Quantum Technology, 2016, 3, .	6.3	29
16	Collective behavior of quantum resonators coupled to a metamaterial. , 2016, , .		0
17	Collective resonant modes of a metasurface. Journal of Nanophotonics, 2014, 8, 083987.	1.0	8
18	Confined modes on a meta-surface. Proceedings of SPIE, 2014, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Heat transfer between a hot AFM tip and a cold sample: impact of the air pressure. Materials Research Society Symposia Proceedings, 2013, 1543, 159-164.	0.1	12
20	Asymptotic expressions describing radiative heat transfer between polar materials from the far-field regime to the nanoscale regime. Journal of Applied Physics, 2012, 111, .	2.5	25
21	Detection of a Biexciton in Semiconducting Carbon Nanotubes Using Nonlinear Optical Spectroscopy. Physical Review Letters, 2012, 109, 197402.	7.8	31
22	Compact Antenna for Efficient and Unidirectional Launching and Decoupling of Surface Plasmons. Nano Letters, 2011, 11, 4207-4212.	9.1	165
23	Radiative heat transfer at nanoscale: Closed-form expression for silicon at different doping levels. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 1005-1014.	2.3	23
24	Mesoscopic Description of Radiative Heat Transfer at the Nanoscale. Physical Review Letters, 2010, 105, 234301.	7.8	164
25	Addition spectra of Wigner islands of electrons on superfluid helium. Physical Review B, 2009, 79, .	3.2	47
26	Radiative heat transfer at the nanoscale. Nature Photonics, 2009, 3, 514-517.	31.4	561
27	Radiative heat transfer at nanoscale mediated by surface plasmons for highly doped silicon. Applied Physics Letters, 2009, 95, .	3.3	33
28	Trapping Electrons in Electrostatic Traps over the Surface of ^4He . Journal of Low Temperature Physics, 2007, 148, 193-197.	1.4	10