

Edgar A Gmez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

77
citations

5
h-index

8
g-index

16
ext. papers

86
ext. citations

2.3
avg, IF

2.51
L-index

#	Paper	IF	Citations
16	Bose-Einstein condensates on tilted lattices: Coherent, chaotic, and subdiffusive dynamics. <i>Physical Review A</i> , 2010 , 81,	2.6	35
15	Split-operator technique for propagating phase space functions: Exploring chaotic, dissipative and relativistic dynamics. <i>Computer Physics Communications</i> , 2014 , 185, 136-143	4.2	7
14	Construction of ray diagrams in geometrical optics: a media-focused approach. <i>Physics Education</i> , 2012 , 47, 715-720	0.8	7
13	Explanation of the quantum phenomenon of off-resonant cavity-mode emission. <i>Physical Review A</i> , 2018 , 97,	2.6	6
12	A comparative study on the reliability of non-Hermitian effective Hamiltonian approach for modeling open quantum systems. <i>Optik</i> , 2018 , 171, 413-420	2.5	5
11	A study on the role of the initial conditions and the nonlinear dissipation in the non-Hermitian effective Hamiltonian approach. <i>Optik</i> , 2018 , 174, 114-120	2.5	3
10	Transmittance spectrum in a semiconductor-superconductor quasi-periodic Thue-Morse one-dimensional photonic crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2020 , 579, 1353768	1.3	3
9	A comparative study on different non-Hermitian approaches for modeling open quantum systems. <i>Optik</i> , 2019 , 180, 505-510	2.5	3
8	Terahertz Frequency Spectroscopy to Determine Cold Shock Protein Stability upon Solvation and Evaporation - A Molecular Dynamics Study. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2017 , 7, 131-143	3.4	2
7	The strange attraction phenomenon in cQED: The intermediate quantum coupling regime. <i>Optik</i> , 2019 , 183, 389-394	2.5	2
6	The strange attraction phenomenon induced by phonon-mediated off-resonant coupling in a biexciton-cavity system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126481	2.3	2
5	Pure dephasing vs. Phonon mediated off-resonant coupling in a quantum-dot-cavity system. <i>Optics Communications</i> , 2020 , 460, 125115	2	1
4	Magnetic control of biexcitons in a quantum dot-cavity system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 409, 127512	2.3	1
3	Entanglement generation between two solid-state qubits mediated by microwave photons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 388, 127045	2.3	0
2	Formation of spectral triplets induced by parity deformation in a quantum dot-cavity system. <i>Physica B: Condensed Matter</i> , 2021 , 604, 412698	2.8	0
1	Dynamic Recognition and Classification of Trajectories in SLRecon Adopted Artificial Intelligence in Kinect. <i>Communications in Computer and Information Science</i> , 2021 , 84-96	0.3	