

Alexandru Petrescu

List of Publications by Citations

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Version: 2024-04-27

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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

445
citations

9
h-index

17
g-index

17
ext. papers

545
ext. citations

3.6
avg, IF

4.06
L-index

#	Paper	IF	Citations
16	Bosonic Mott insulator with Meissner currents. <i>Physical Review Letters</i> , 2013 , 111, 150601	7.4	72
15	Many-body quantum electrodynamics networks: Non-equilibrium condensed matter physics with light. <i>Comptes Rendus Physique</i> , 2016 , 17, 808-835	1.4	68
14	Anomalous Hall effects of light and chiral edge modes on the Kagom lattice. <i>Physical Review A</i> , 2012 , 86,	2.6	66
13	Chiral Mott insulators, Meissner effect, and Laughlin states in quantum ladders. <i>Physical Review B</i> , 2015 , 91,	3.3	53
12	Chiral bosonic phases on the Haldane honeycomb lattice. <i>Physical Review B</i> , 2015 , 91,	3.3	37
11	Precursor of the Laughlin state of hard-core bosons on a two-leg ladder. <i>Physical Review B</i> , 2017 , 96,	3.3	36
10	Cutoff-Free Circuit Quantum Electrodynamics. <i>Physical Review Letters</i> , 2017 , 119, 073601	7.4	27
9	Fluctuations and entanglement spectrum in quantum Hall states. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P10005	1.9	27
8	Driven dissipative dynamics and topology of quantum impurity systems. <i>Comptes Rendus Physique</i> , 2018 , 19, 451-483	1.4	18
7	Lifetime renormalization of driven weakly anharmonic superconducting qubits. II. The readout problem. <i>Physical Review B</i> , 2020 , 101,	3.3	9
6	Non-Markovian dynamics of a superconducting qubit in an open multimode resonator. <i>Physical Review A</i> , 2016 , 94,	2.6	8
5	Lifetime renormalization of weakly anharmonic superconducting qubits. I. Role of number nonconserving terms. <i>Physical Review B</i> , 2020 , 101,	3.3	7
4	From topological superconductivity to quantum Hall states in coupled wires. <i>Physical Review B</i> , 2020 , 101,	3.3	7
3	Emergent Chiral Spin State in the Mott Phase of a Bosonic Kane-Mele-Hubbard Model. <i>Physical Review Letters</i> , 2018 , 120, 157201	7.4	6
2	Fluxon-based quantum simulation in circuit QED. <i>Physical Review B</i> , 2018 , 98,	3.3	4
1	Operating in a deep underground facility improves the locking of gradiometric fluxonium qubits at the sweet spots. <i>Applied Physics Letters</i> , 2022 , 120, 054001	3.4	0