

Victor M Bastidas

List of Publications by Year in descending order

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32
papers

1,277
citations

623699

14
h-index

454934

30
g-index

32
all docs

32
docs citations

32
times ranked

1382
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic signatures of localization with interacting photons in superconducting qubits. <i>Science</i> , 2017, 358, 1175-1179.	12.6	315
2	Quantum walks on a programmable two-dimensional 62-qubit superconducting processor. <i>Science</i> , 2021, 372, 948-952.	12.6	202
3	Nonequilibrium Quantum Phase Transitions in the Dicke Model. <i>Physical Review Letters</i> , 2012, 108, 043003.	7.8	150
4	Quantum signatures of chimera states. <i>Physical Review E</i> , 2015, 92, 062924.	2.1	85
5	Floquet engineering of long-range-wave superconductivity. <i>Physical Review B</i> , 2014, 90, .	3.2	69
6	Topological Pumping of Photons in Nonlinear Resonator Arrays. <i>Physical Review Letters</i> , 2016, 117, 213603.	7.8	60
7	Quantum Criticality and Dynamical Instability in the Kicked-Top Model. <i>Physical Review Letters</i> , 2014, 112, 140408.	7.8	55
8	Nonequilibrium quantum phase transitions in the Ising model. <i>Physical Review A</i> , 2012, 86, .	2.5	54
9	Driven Open Quantum Systems and Floquet Stroboscopic Dynamics. <i>Physical Review Letters</i> , 2016, 117, 250401.	7.8	50
10	Excited-state quantum phase transitions and periodic dynamics. <i>Physical Review A</i> , 2015, 91, .	2.5	35
11	ac-driven quantum phase transition in the Lipkin-Meshkov-Glick model. <i>Physical Review E</i> , 2013, 87, 052110.	2.1	28
12	Dynamical quantum phase transitions and non-Markovian dynamics. <i>Physical Review A</i> , 2020, 101, .	2.5	23
13	Simulating complex quantum networks with time crystals. <i>Science Advances</i> , 2020, 6, .	10.3	21
14	Ergodic-Localized Junctions in a Periodically Driven Spin Chain. <i>Physical Review Letters</i> , 2020, 125, 170503.	7.8	18
15	Rare-Earth-Mediated Optomechanical System in the Reversed Dissipation Regime. <i>Physical Review Letters</i> , 2021, 126, 047404.	7.8	13
16	Topological pumping of quantum correlations. <i>Physical Review Research</i> , 2020, 2, .	3.6	12
17	Entanglement and parametric resonance in driven quantum systems. <i>Physical Review A</i> , 2010, 81, .	2.5	10
18	Floquet stroboscopic divisibility in non-Markovian dynamics. <i>New Journal of Physics</i> , 2018, 20, 093004.	2.9	10

#	ARTICLE	IF	CITATIONS
19	Hidden order in quantum many-body dynamics of driven-dissipative nonlinear photonic lattices. <i>Physical Review A</i> , 2019, 99, .	2.5	9
20	Chimera Time-Crystalline Order in Quantum Spin Networks. <i>Physical Review Letters</i> , 2021, 126, 120606.	7.8	9
21	Ergodic-localized junctions in periodically driven systems. <i>Physical Review B</i> , 2018, 98, .	3.2	8
22	Quantum phase transitions in networks of Lipkin-Meshkov-Glick models. <i>Physical Review E</i> , 2014, 90, 042141.	2.1	7
23	Critical quasienergy states in driven many-body systems. <i>Physical Review A</i> , 2014, 90, .	2.5	7
24	Strongly correlated photon transport in nonlinear photonic lattices with disorder: Probing signatures of the localization transition. <i>Physical Review A</i> , 2019, 99, .	2.5	6
25	Dissipative nonequilibrium synchronization of topological edge states via self-oscillation. <i>Physical Review B</i> , 2020, 102, .	3.2	6
26	One-way Transfer of Quantum States via Decoherence. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 044003.	1.6	6
27	Quantum metamorphism. <i>Physical Review B</i> , 2020, 102, .	3.2	3
28	Stroboscopic Hamiltonian engineering in the low-frequency regime with a one-dimensional quantum processor. <i>Physical Review B</i> , 2022, 105, .	3.2	3
29	Dephasing-induced growth of discrete time-crystalline order in spin networks. <i>Physical Review B</i> , 2021, 104, .	3.2	2
30	Reservoir-assisted energy migration through multiple spin domains. <i>Physical Review B</i> , 2021, 104, .	3.2	1
31	Non-equilibrium entanglement in a driven many-body spin-boson model. <i>Journal of Physics: Conference Series</i> , 2009, 167, 012063.	0.4	0
32	Semiclassical bifurcations and topological phase transitions in a one-dimensional lattice of coupled Lipkin-Meshkov-Glick models. <i>Physical Review E</i> , 2016, 94, 032123.	2.1	0