Francisco AlbarrÃ¡n-Arriagada

List of Publications by Year
in descending order

18 papers	**315** citations	933447 **10** h-index	888059 **17** g-index
18 all docs	**18** docs citations	**18** times ranked	**273** citing authors

#	Article	IF	Citations
1	Shortcuts to Adiabaticity in Digitized Adiabatic Quantum Computing. Physical Review Applied, 2021, 15, .	3.8	53
2	Reconstruction of a Photonic Qubit State with Reinforcement Learning. Advanced Quantum Technologies, 2019, 2, 1800074.	3.9	48
3	Measurement-based adaptation protocol with quantum reinforcement learning. Physical Review A, 2018, 98, .	2.5	46
4	Role of quantum correlations in light-matter quantum heat engines. Physical Review A, 2017, 96, .	2.5	36
5	Digitized-counterdiabatic quantum approximate optimization algorithm. Physical Review Research, 2022, 4, .	3.6	29
6	One-Photon Solutions to the Multiqubit Multimode Quantum Rabi Model for Fast W-State Generation. Physical Review Letters, 2021, 127, 043604.	7.8	17
7	One-way quantum computing in superconducting circuits. Physical Review A, 2018, 97, .	2.5	15
8	Reinforcement learning for semi-autonomous approximate quantum eigensolver. Machine Learning: Science and Technology, 2020, 1, 015002.	5.0	14
9	Digitized adiabatic quantum factorization. Physical Review A, 2021, 104, .	2.5	14
10	Quantum Mechanical Engine for the Quantum Rabi Model. Entropy, 2018, 20, 767.	2.2	11
11	Spin-1 models in the ultrastrong-coupling regime of circuit QED. Physical Review A, 2018, 97, .	2.5	9
12	Entangled quantum memristors. Physical Review A, 2021, 104, .	2.5	7
13	Superconducting circuit architecture for digital-analog quantum computing. EPJ Quantum Technology, 2022, 9, .	6.3	5
14	Incoherent-mediator for quantum state transfer in the ultrastrong coupling regime. Scientific Reports, 2017, 7, 4157.	3.3	4
15	Generation of higher dimensional entangled states in quantum Rabi systems. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 184001.	2.1	3
16	Experimental semi-autonomous eigensolver using reinforcement learning. Scientific Reports, 2021, 11, 12241.	3.3	2
17	Quantum pattern recognition in photonic circuits. Quantum Science and Technology, 2022, 7, 015010.	5.8	2
18	Adaptive random quantum eigensolver. Physical Review A, 2022, 105, .	2.5	0