

Fumiki Yoshihara

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,571
citations

932766

10
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonclassicality of open circuit QED systems in the deep-strong coupling regime. <i>New Journal of Physics</i> , 2021, 23, 103009.	1.2	5
2	Single-photon-driven high-order sideband transitions in an ultrastrongly coupled circuit-quantum-electrodynamics system. <i>Physical Review A</i> , 2017, 96, .	1.0	90
3	Superconducting qubit oscillator circuit beyond the ultrastrong-coupling regime. <i>Nature Physics</i> , 2017, 13, 44-47.	6.5	462
4	Suppressing relaxation in superconducting qubits by quasiparticle pumping. <i>Science</i> , 2016, 354, 1573-1577.	6.0	80
5	Superconductor-Diamond Hybrid Quantum System. <i>Lecture Notes in Physics</i> , 2016, , 515-538.	0.3	0
6	Flux qubit noise spectroscopy using Rabi oscillations under strong driving conditions. <i>Physical Review B</i> , 2014, 89, .	1.1	70
7	Rotating-frame relaxation as a noise spectrum analyser of a superconducting qubit undergoing driven evolution. <i>Nature Communications</i> , 2013, 4, 2337.	5.8	104
8	Improving Quantum Gate Fidelities by Using a Qubit to Measure Microwave Pulse Distortions. <i>Physical Review Letters</i> , 2013, 110, 040502.	2.9	55
9	Spectroscopy of low-frequency noise and its temperature dependence in a superconducting qubit. <i>Physical Review B</i> , 2012, 85, .	1.1	55
10	Dynamical Decoupling and Dephasing in Interacting Two-Level Systems. <i>Physical Review Letters</i> , 2012, 109, 010502.	2.9	28
11	Noise spectroscopy through dynamical decoupling with a superconducting flux qubit. <i>Nature Physics</i> , 2011, 7, 565-570.	6.5	590
12	Noise correlations in a flux qubit with tunable tunnel coupling. <i>Physical Review B</i> , 2011, 84, .	1.1	32