

Fumiki Yoshihara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11417011/publications.pdf>

Version: 2024-02-01

12
papers

1,571
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise spectroscopy through dynamical decoupling with a superconducting flux qubit. Nature Physics, 2011, 7, 565-570.	16.7	590
2	Superconducting qubit oscillator circuit beyond the ultrastrong-coupling regime. Nature Physics, 2017, 13, 44-47.	16.7	462
3	Rotating-frame relaxation as a noise spectrum analyser of a superconducting qubit undergoing driven evolution. Nature Communications, 2013, 4, 2337.	12.8	104
4	Single-photon-driven high-order sideband transitions in an ultrastrongly coupled circuit-quantum-electrodynamics system. Physical Review A, 2017, 96, .	2.5	90
5	Suppressing relaxation in superconducting qubits by quasiparticle pumping. Science, 2016, 354, 1573-1577.	12.6	80
6	Flux qubit noise spectroscopy using Rabi oscillations under strong driving conditions. Physical Review B, 2014, 89, .	3.2	70
7	Spectroscopy of low-frequency noise and its temperature dependence in a superconducting qubit. Physical Review B, 2012, 85, .	3.2	55
8	Improving Quantum Gate Fidelities by Using a Qubit to Measure Microwave Pulse Distortions. Physical Review Letters, 2013, 110, 040502.	7.8	55
9	Noise correlations in a flux qubit with tunable tunnel coupling. Physical Review B, 2011, 84, .	3.2	32
10	Dynamical Decoupling and Dephasing in Interacting Two-Level Systems. Physical Review Letters, 2012, 109, 010502.	7.8	28
11	Nonclassicality of open circuit QED systems in the deep-strong coupling regime. New Journal of Physics, 2021, 23, 103009.	2.9	5
12	Superconductor-Diamond Hybrid Quantum System. Lecture Notes in Physics, 2016, , 515-538.	0.7	0