

Shruti Puri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4882245/publications.pdf>

Version: 2024-02-01

13
papers

666
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise phased out. <i>Nature Physics</i> , 2022, 18, 240-241.	16.7	0
2	High-fidelity magic-state preparation with a biased-noise architecture. <i>Physical Review A</i> , 2022, 105, .	2.5	7
3	Controlled beam splitter gate transparent to dominant ancilla errors. <i>Quantum Science and Technology</i> , 2022, 7, 035025.	5.8	2
4	Quantum Microwave Radiometry with a Superconducting Qubit. <i>Physical Review Letters</i> , 2021, 126, 180501.	7.8	13
5	Quantum Error Correction with the Gottesman-Kitaev-Preskill Code. <i>PRX Quantum</i> , 2021, 2, .	9.2	43
6	Quantum control of bosonic modes with superconducting circuits. <i>Science Bulletin</i> , 2021, 66, 1789-1805.	9.0	45
7	Conservation-Law-Based Global Bounds to Quantum Optimal Control. <i>Physical Review Letters</i> , 2021, 127, 110506.	7.8	6
8	Practical Quantum Error Correction with the XZZX Code and Kerr-Cat Qubits. <i>PRX Quantum</i> , 2021, 2, .	9.2	56
9	Bias-preserving gates with stabilized cat qubits. <i>Science Advances</i> , 2020, 6, .	10.3	105
10	Stabilized Cat in a Driven Nonlinear Cavity: A Fault-Tolerant Error Syndrome Detector. <i>Physical Review X</i> , 2019, 9, .	8.9	64
11	Qubit parity measurement by parametric driving in circuit QED. <i>Science Advances</i> , 2018, 4, eaau1695.	10.3	19
12	Engineering the quantum states of light in a Kerr-nonlinear resonator by two-photon driving. <i>Npj Quantum Information</i> , 2017, 3, .	6.7	188
13	Quantum annealing with all-to-all connected nonlinear oscillators. <i>Nature Communications</i> , 2017, 8, 15785.	12.8	118