

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