

Youngkyu Sung

List of Publications by Year in descending order

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papers

536
citations

1040018

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1474186

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9
all docs

9
docs citations

9
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Coupling Scheme for Implementing High-Fidelity Two-Qubit Gates. Physical Review Applied, 2018, 10, .	3.8	182
2	Realization of High-Fidelity CZ and Z -Free iSWAP Gates with a Tunable Coupler. Physical Review X, 2021, 11, .	8.9	103
3	Probing quantum information propagation with out-of-time-ordered correlators. Nature Physics, 2022, 18, 172-178.	16.7	53
4	Non-Gaussian noise spectroscopy with a superconducting qubit sensor. Nature Communications, 2019, 10, 3715.	12.8	52
5	Characterizing and Optimizing Qubit Coherence Based on SQUID Geometry. Physical Review Applied, 2020, 13, .	3.8	43
6	Two-Qubit Spectroscopy of Spatiotemporally Correlated Quantum Noise in Superconducting Qubits. PRX Quantum, 2020, 1, .	9.2	42
7	Hexagonal boron nitride as a low-loss dielectric for superconducting quantum circuits and qubits. Nature Materials, 2022, 21, 398-403.	27.5	34
8	Multi-level quantum noise spectroscopy. Nature Communications, 2021, 12, 967.	12.8	16
9	Improving qubit coherence using closed-loop feedback. Nature Communications, 2022, 13, 1932.	12.8	11