

# Youpeng Zhong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6281448/publications.pdf>

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22  
papers

1,062  
citations

471371

17  
h-index

677027

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Entanglement Purification and Protection in a Superconducting Quantum Network. Physical Review Letters, 2022, 128, 080504.	2.9	25
2	Deterministic multi-qubit entanglement in a quantum network. Nature, 2021, 590, 571-575.	13.7	77
3	Flux-pumped impedance-engineered broadband Josephson parametric amplifier. Applied Physics Letters, 2021, 118, .	1.5	23
4	Superconducting qubits in a flip-chip architecture. Applied Physics Letters, 2021, 118, .	1.5	24
5	Quantum communication with itinerant surface acoustic wave phonons. Npj Quantum Information, 2021, 7, .	2.8	23
6	Quantum Erasure Using Entangled Surface Acoustic Phonons. Physical Review X, 2020, 10, .	2.8	20
7	Remote Entanglement via Adiabatic Passage Using a Tunably Dissipative Quantum Communication System. Physical Review Letters, 2020, 124, 240502.	2.9	23
8	Measurements of a quantum bulk acoustic resonator using a superconducting qubit. Applied Physics Letters, 2020, 117, .	1.5	5
9	A fast and large bandwidth superconducting variable coupler. Applied Physics Letters, 2020, 117, .	1.5	7
10	Unidirectional distributed acoustic reflection transducers for quantum applications. Applied Physics Letters, 2019, 114, .	1.5	10
11	Violating Bell's inequality with remotely connected superconducting qubits. Nature Physics, 2019, 15, 741-744.	6.5	50
12	Simple non-galvanic flip-chip integration method for hybrid quantum systems. Applied Physics Letters, 2019, 114, .	1.5	15
13	Phonon-mediated quantum state transfer and remote qubit entanglement. Science, 2019, 364, 368-371.	6.0	186
14	Quantum control of surface acoustic-wave phonons. Nature, 2018, 563, 661-665.	13.7	263
15	Coherent population transfer between uncoupled or weakly coupled states in ladder-type superconducting qutrits. Nature Communications, 2016, 7, 11018.	5.8	64
16	Emulating Anyonic Fractional Statistical Behavior in a Superconducting Quantum Circuit. Physical Review Letters, 2016, 117, 110501.	2.9	55
17	Suppression of Dephasing by Qubit Motion in Superconducting Circuits. Physical Review Letters, 2016, 116, 010501.	2.9	27
18	Quantum Delayed-Choice Experiment with a Beam Splitter in a Quantum Superposition. Physical Review Letters, 2015, 115, 260403.	2.9	32

#	ARTICLE	IF	CITATIONS
19	Exploring the quantum critical behaviour in a driven Tavis-Cummings circuit. Nature Communications, 2015, 6, 7111.	5.8	40
20	Reducing the impact of intrinsic dissipation in a superconducting circuit by quantum error detection. Nature Communications, 2014, 5, 3135.	5.8	23
21	Joint quantum state tomography of an entangled qubit-resonator hybrid. New Journal of Physics, 2013, 15, 125027.	1.2	9
22	Quantum state characterization of a fast tunable superconducting resonator. Applied Physics Letters, 2013, 102, .	1.5	61