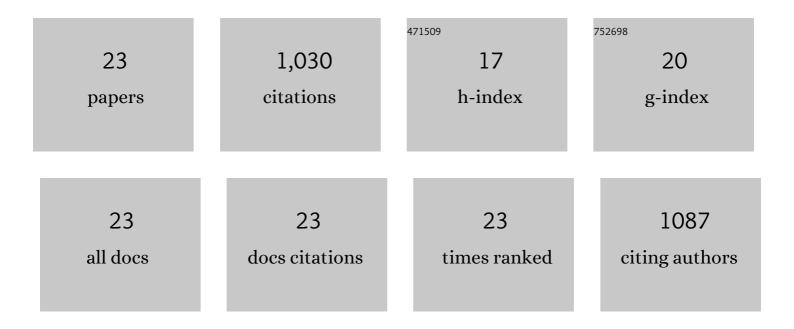
Xu Han

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Superconducting cavity electro-optics: A platform for coherent photon conversion between superconducting and photonic circuits. Science Advances, 2018, 4, eaar4994.	10.3	148
2	Integrated optomechanical single-photon frequency shifter. Nature Photonics, 2016, 10, 766-770.	31.4	94
3	Broadband on-chip single-photon spectrometer. Nature Communications, 2019, 10, 4104.	12.8	88
4	Waveguide cavity optomagnonics for microwave-to-optics conversion. Optica, 2020, 7, 1291.	9.3	84
5	Microwave-optical quantum frequency conversion. Optica, 2021, 8, 1050.	9.3	81
6	Cavity piezo-mechanics for superconducting-nanophotonic quantum interface. Nature Communications, 2020, 11, 3237.	12.8	76
7	Phononic integrated circuitry and spin–orbit interaction of phonons. Nature Communications, 2019, 10, 2743.	12.8	67
8	Proposal for Heralded Generation and Detection of Entangled Microwave–Optical-Photon Pairs. Physical Review Letters, 2020, 124, 010511.	7.8	57
9	Multimode Strong Coupling in Superconducting Cavity Piezoelectromechanics. Physical Review Letters, 2016, 117, 123603.	7.8	53
10	Cavity piezomechanical strong coupling and frequency conversion on an aluminum nitride chip. Physical Review A, 2016, 94, .	2.5	40
11	Frequency-tunable high- <i>Q</i> superconducting resonators via wireless control of nonlinear kinetic inductance. Applied Physics Letters, 2019, 114, .	3.3	33
12	Microwave-assisted coherent and nonlinear control in cavity piezo-optomechanical systems. Physical Review A, 2014, 90, .	2.5	32
13	Radiative Cooling of a Superconducting Resonator. Physical Review Letters, 2020, 124, 033602.	7.8	32
14	Cavity electro-optic circuit for microwave-to-optical conversion in the quantum ground state. Physical Review A, 2021, 103, .	2.5	26
15	Single electrons on solid neon as a solid-state qubit platform. Nature, 2022, 605, 46-50.	27.8	22
16	A 10-GHz film-thickness-mode cavity optomechanical resonator. Applied Physics Letters, 2015, 106, .	3.3	21
17	Phase sensitive imaging of 10 GHz vibrations in an AlN microdisk resonator. Review of Scientific Instruments, 2017, 88, 123709.	1.3	21
18	Entanglement of microwave-optical modes in a strongly coupled electro-optomechanical system. Physical Review A, 2020, 101, .	2.5	21

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#	Article	IF	CITATIONS
19	Triply resonant cavity electro-optomechanics at X-band. New Journal of Physics, 2014, 16, 063060.	2.9	16
20	Quantum Microwave Radiometry with a Superconducting Qubit. Physical Review Letters, 2021, 126, 180501.	7.8	13
21	Compact, widely tunable, half-lambda YIG oscillator. , 2012, , .		5
22	Triply resonant cavity electro-optomechanics at X-band. , 2014, , .		0
23	Microwave to optical quantum conversion. , 2022, , .		0