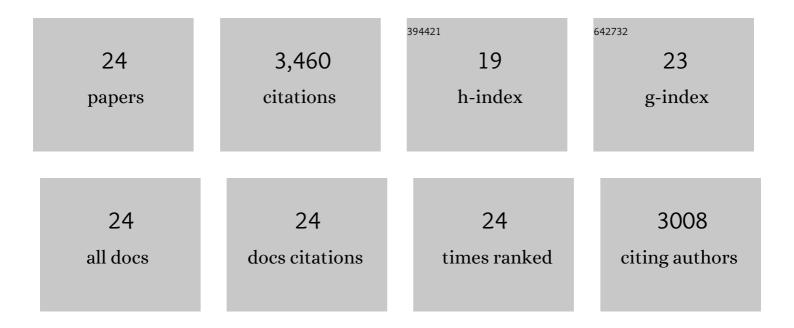
Lev S Bishop

List of Publications by Year in descending order

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LEV S RISHOP

#	Article	IF	CITATIONS
1	Hardware-efficient random circuits to classify noise in a multiqubit system. Physical Review A, 2021, 104, .	2.5	2
2	Characterizing errors on qubit operations via iterative randomized benchmarking. Physical Review A, 2016, 93, .	2.5	107
3	Scalable randomised benchmarking of non-Clifford gates. Npj Quantum Information, 2016, 2, .	6.7	65
4	Rapid Driven Reset of a Qubit Readout Resonator. Physical Review Applied, 2016, 5, .	3.8	59
5	Nonlinear microwave photon occupancy of a driven resonator strongly coupled to a transmon qubit. Physical Review A, 2015, 92, .	2.5	13
6	High-Contrast Qubit Interactions Using Multimode Cavity QED. Physical Review Letters, 2015, 114, 080501.	7.8	55
7	Robust quantum gates for singlet-triplet spin qubits using composite pulses. Physical Review A, 2014, 89, .	2.5	77
8	Observation of Autler–Townes effect in a dispersively dressed Jaynes–Cummings system. New Journal of Physics, 2013, 15, 125007.	2.9	25
9	Noise-Resistant Control for a Spin Qubit Array. Physical Review Letters, 2013, 110, 140502.	7.8	80
10	Measurements of Quasiparticle Tunneling Dynamics in a Band-Gap-Engineered Transmon Qubit. Physical Review Letters, 2012, 108, 230509.	7.8	78
11	Composite pulses for robust universal control of singlet–triplet qubits. Nature Communications, 2012, 3, 997.	12.8	140
12	Nonlinear oscillators and high fidelity qubit state measurement in circuit quantum electrodynamics. , 2012, , 198-219.		0
13	Cavity QED in a molecular ion trap. Physical Review A, 2011, 83, .	2.5	46
14	Observation of High Coherence in Josephson Junction Qubits Measured in a Three-Dimensional Circuit QED Architecture. Physical Review Letters, 2011, 107, 240501.	7.8	830
15	Quantum-To-Classical Transition in Cavity Quantum Electrodynamics. Physical Review Letters, 2010, 105, 163601.	7.8	65
16	Detecting highly entangled states with a joint qubit readout. Physical Review A, 2010, 81, .	2.5	82
17	Quantum non-demolition detection of single microwave photons in a circuit. Nature Physics, 2010, 6, 663-667.	16.7	233
18	Protocol for high-fidelity readout in the photon-blockade regime of circuit QED. Physical Review A, 2010. 82	2.5	16

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#	Article	IF	CITATIONS
19	Response of the Strongly Driven Jaynes-Cummings Oscillator. Physical Review Letters, 2010, 105, 100505.	7.8	96
20	Publisher's Note: Randomized Benchmarking and Process Tomography for Gate Errors in a Solid-State Qubit [Phys. Rev. Lett.102, 090502 (2009)]. Physical Review Letters, 2009, 102, .	7.8	2
21	Randomized Benchmarking and Process Tomography for Gate Errors in a Solid-State Qubit. Physical Review Letters, 2009, 102, 090502.	7.8	179
22	Proposal for generating and detecting multi-qubit GHZ states in circuit QED. New Journal of Physics, 2009, 11, 073040.	2.9	61
23	Demonstration of two-qubit algorithms with a superconducting quantum processor. Nature, 2009, 460, 240-244.	27.8	923
24	Nonlinear response of the vacuum Rabi resonance. Nature Physics, 2009, 5, 105-109.	16.7	226