Jonathan Burnett

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6005904/publications.pdf

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11	481	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterizing decoherence rates of a superconducting qubit by direct microwave scattering. Npj Quantum Information, 2021, 7, .	6.7	20
2	Quantum efficiency, purity and stability of a tunable, narrowband microwave single-photon source. Npj Quantum Information, 2021, 7, .	6.7	7
3	Stability of superconducting resonators: Motional narrowing and the role of Landau-Zener driving of two-level defects. Science Advances, 2021, 7, eabh0462.	10.3	10
4	Phononic loss in superconducting resonators on piezoelectric substrates. New Journal of Physics, 2020, 22, 053027.	2.9	21
5	High quality three-dimensional aluminum microwave cavities. Applied Physics Letters, 2020, 117, .	3.3	27
6	Geometric scaling of two-level-system loss in superconducting resonators. Superconductor Science and Technology, 2020, 33, 025013.	3.5	25
7	Two-level systems in superconducting quantum devices due to trapped quasiparticles. Science Advances, 2020, 6, .	10.3	44
8	Decoherence benchmarking of superconducting qubits. Npj Quantum Information, 2019, 5, .	6.7	181
9	High Kinetic Inductance <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mrow><mml:mi>Nb</mml:mi><mml:mi mathvariant="normal">N</mml:mi></mml:mrow></mml:math> Nanowire Superinductors. Physical Review Applied, 2019, 11, .	3.8	79
10	Noise and loss of superconducting aluminium resonators at single photon energies. Journal of Physics: Conference Series, 2018, 969, 012131.	0.4	29
11	Analysis of high quality superconducting resonators: consequences for TLS properties in amorphous oxides. Superconductor Science and Technology, 2016, 29, 044008.	3.5	38