

Yilun Xu

List of Publications by Year in descending order

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papers

57
citations

1937685
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8
docs citations

8
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	QubiC: An Open-Source FPGA-Based Control and Measurement System for Superconducting Quantum Information Processors. IEEE Transactions on Quantum Engineering, 2021, 2, 1-11.	4.9	21
2	Development of sub-100 femtosecond timing and synchronization system. Review of Scientific Instruments, 2018, 89, 014701.	1.3	14
3	High-precision phase detection in femtosecond timing and synchronization system for TXGLS. Measurement Science and Technology, 2018, 29, 065011.	2.6	5
4	Radio frequency mixing modules for superconducting qubit room temperature control systems. Review of Scientific Instruments, 2021, 92, 075108.	1.3	5
5	Automatic Qubit Characterization and Gate Optimization with QubiC. ACM Transactions on Quantum Computing, 2023, 4, 1-12.	4.3	4
6	FPGA-Based Optical Cavity Phase Stabilization for Coherent Pulse Stacking. IEEE Journal of Quantum Electronics, 2018, 54, 1-11.	1.9	3
7	A low level radio frequency system drift compensation technique by time-multiplexing pick-up/reference signals. Review of Scientific Instruments, 2019, 90, 114711.	1.3	3
8	Application of a drift compensation low-level radio frequency system based on time-multiplexing pick-up/reference signals. Review of Scientific Instruments, 2020, 91, 124706.	1.3	2