

Jonas Helsen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

335
citations

1163117

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1474206

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g-index

10
all docs

10
docs citations

10
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	General Framework for Randomized Benchmarking. PRX Quantum, 2022, 3, .	9.2	26
2	Counting single-qubit Clifford equivalent graph states is #P-complete. Journal of Mathematical Physics, 2020, 61, .	1.1	2
3	A new class of efficient randomized benchmarking protocols. Npj Quantum Information, 2019, 5, .	6.7	47
4	Spectral quantum tomography. Npj Quantum Information, 2019, 5, .	6.7	13
5	Multiqubit randomized benchmarking using few samples. Physical Review A, 2019, 100, .	2.5	21
6	Efficient unitarity randomized benchmarking of few-qubit Clifford gates. Physical Review A, 2019, 99, .	2.5	14
7	Quantum error correction in crossbar architectures. Quantum Science and Technology, 2018, 3, 035005.	5.8	10
8	Representations of the multi-qubit Clifford group. Journal of Mathematical Physics, 2018, 59, 072201.	1.1	11
9	A crossbar network for silicon quantum dot qubits. Science Advances, 2018, 4, eaar3960.	10.3	181
10	Matchgate benchmarking: Scalable benchmarking of a continuous family of many-qubit gates. Quantum - the Open Journal for Quantum Science, 0, 6, 657.	0.0	10