

Daiwei Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

761
citations

840776

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1125743

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13
all docs

13
docs citations

13
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault-tolerant control of an error-corrected qubit. Nature, 2021, 598, 281-286.	27.8	170
2	Training of quantum circuits on a hybrid quantum computer. Science Advances, 2019, 5, eaaw9918.	10.3	134
3	Parallel entangling operations on a universal ion-trap quantum computer. Nature, 2019, 572, 368-372.	27.8	115
4	Measurement-induced quantum phases realized in a trapped-ion quantum computer. Nature Physics, 2022, 18, 760-764.	16.7	87
5	Generation of thermofield double states and critical ground states with a quantum computer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25402-25406.	7.1	66
6	Two-qubit entangling gates within arbitrarily long chains of trapped ions. Physical Review A, 2019, 100, .	2.5	59
7	Toward convergence of effective-field-theory simulations on digital quantum computers. Physical Review A, 2019, 100, .	2.5	28
8	Quantum walks and Dirac cellular automata on a programmable trapped-ion quantum computer. Nature Communications, 2020, 11, 3720.	12.8	28
9	Control of Transverse Motion for Quantum Gates on Individually Addressed Atomic Qubits. PRX Quantum, 2022, 3, .	9.2	23
10	Many-body thermodynamics on quantum computers via partition function zeros. Science Advances, 2021, 7, .	10.3	22
11	Probing many-body localization on a noisy quantum computer. Physical Review A, 2021, 103, .	2.5	17
12	Demonstration of Shor Encoding on a Trapped-Ion Quantum Computer. Physical Review Applied, 2021, 16, .	3.8	8
13	Optimizing Stabilizer Parities for Improved Logical Qubit Memories. Physical Review Letters, 2021, 127, 240501.	7.8	4