

Cinthia Huerta Alderete

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

519
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Training of quantum circuits on a hybrid quantum computer. <i>Science Advances</i> , 2019, 5, eaaw9918.	10.3	134
2	Full-stack, real-system quantum computer studies. , 2019, , .		90
3	Generation of thermofield double states and critical ground states with a quantum computer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25402-25406.	7.1	66
4	Digital Quantum Simulation of the Schwinger Model and Symmetry Protection with Trapped Ions. <i>PRX Quantum</i> , 2022, 3, .	9.2	35
5	Quantum walks and Dirac cellular automata on a programmable trapped-ion quantum computer. <i>Nature Communications</i> , 2020, 11, 3720.	12.8	28
6	Quantum simulation of driven para-Bose oscillators. <i>Physical Review A</i> , 2017, 95, .	2.5	24
7	Nonclassical and semiclassical para-Bose states. <i>Physical Review A</i> , 2017, 95, .	2.5	22
8	Many-body thermodynamics on quantum computers via partition function zeros. <i>Science Advances</i> , 2021, 7, .	10.3	22
9	Experimental Measurement of Out-of-Time-Ordered Correlators at Finite Temperature. <i>Physical Review Letters</i> , 2022, 128, 140601.	7.8	18
10	Probing many-body localization on a noisy quantum computer. <i>Physical Review A</i> , 2021, 103, .	2.5	17
11	Cross-cavity quantum Rabi model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 414001.	2.1	15
12	Simulating para-Fermi oscillators. <i>Scientific Reports</i> , 2018, 8, 11572.	3.3	14
13	Squeezed displaced entangled states in the quantum Rabi model. <i>Physical Review A</i> , 2019, 100, .	2.5	11
14	Architecting Noisy Intermediate-Scale Quantum Computers: A Real-System Study. <i>IEEE Micro</i> , 2020, 40, 73-80.	1.8	10
15	Demonstration of Shor Encoding on a Trapped-Ion Quantum Computer. <i>Physical Review Applied</i> , 2021, 16, .	3.8	8
16	Quantum circuits for the realization of equivalent forms of one-dimensional discrete-time quantum walks on near-term quantum hardware. <i>Physical Review A</i> , 2021, 104, .	2.5	5
17	Engineering $SU(1, 1)$ vibrational states. <i>Scientific Reports</i> , 2019, 9, 2734.	3.3	0
18	Bounds on the recurrence probability in periodically-driven quantum systems. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 6, 682.	0.0	0