

Shantanu Debnath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9412200/publications.pdf>

Version: 2024-02-01

16
papers

1,864
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2038
citing authors

#	ARTICLE	IF	CITATIONS
1	Nearest centroid classification on a trapped ion quantum computer. Npj Quantum Information, 2021, 7, .	6.7	44
2	Efficient arbitrary simultaneously entangling gates on a trapped-ion quantum computer. Nature Communications, 2020, 11, 2963.	12.8	53
3	Ground-state energy estimation of the water molecule on a trapped-ion quantum computer. Npj Quantum Information, 2020, 6, .	6.7	184
4	Observation of Hopping and Blockade of Bosons in a Trapped Ion Spin Chain. Physical Review Letters, 2018, 120, 073001.	7.8	35
5	Experimental comparison of two quantum computing architectures. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3305-3310.	7.1	326
6	Fault-tolerant quantum error detection. Science Advances, 2017, 3, e1701074.	10.3	113
7	Comparing the architectures of the first programmable quantum computers. , 2017, , .		1
8	Demonstration of a small programmable quantum computer with atomic qubits. Nature, 2016, 536, 63-66.	27.8	549
9	Modular entanglement of atomic qubits using photons and phonons. Nature Physics, 2015, 11, 37-42.	16.7	225
10	Beat note stabilization of mode-locked lasers for quantum information processing. Optics Letters, 2014, 39, 3238.	3.3	26
11	Optimal Quantum Control of Multimode Couplings between Trapped Ion Qubits for Scalable Entanglement. Physical Review Letters, 2014, 112, 190502.	7.8	122
12	Quantum Networks with Atoms and Photons. Journal of Physics: Conference Series, 2013, 467, 012008.	0.4	2
13	Coherent Error Suppression in Multiqubit Entangling Gates. Physical Review Letters, 2012, 109, 020503.	7.8	74
14	Multiqubit nonlocality in families of 3- and 4-qubit entangled states. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 445301.	2.1	9
15	Tripartite Entanglement versus Tripartite Nonlocality in Three-Qubit Greenberger-Horne-Zeilinger-Class States. Physical Review Letters, 2009, 102, 250404.	7.8	83
16	An analytical approach for predicting fin performance of triangular fins subject to simultaneous heat and mass transfer. International Journal of Refrigeration, 2008, 31, 1113-1120.	3.4	18