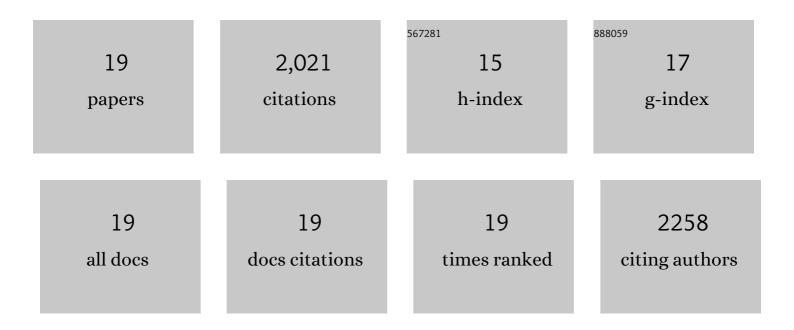
## Kevin A Landsman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/980393/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Demonstration of a small programmable quantum computer with atomic qubits. Nature, 2016, 536, 63-66.	27.8	549
2	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
3	Verified quantum information scrambling. Nature, 2019, 567, 61-65.	27.8	219
4	Complete 3-Qubit Grover search on a programmable quantum computer. Nature Communications, 2017, 8, 1918.	12.8	153
5	Training of quantum circuits on a hybrid quantum computer. Science Advances, 2019, 5, eaaw9918.	10.3	134
6	Parallel entangling operations on a universal ion-trap quantum computer. Nature, 2019, 572, 368-372.	27.8	115
7	Fault-tolerant quantum error detection. Science Advances, 2017, 3, e1701074.	10.3	113
8	Robust 2-Qubit Gates in a Linear Ion Crystal Using a Frequency-Modulated Driving Force. Physical Review Letters, 2018, 120, 020501.	7.8	86
9	Measuring the Rényi entropy of a two-site Fermi-Hubbard model on a trapped ion quantum computer. Physical Review A, 2018, 98, .	2.5	77
10	Two-qubit entangling gates within arbitrarily long chains of trapped ions. Physical Review A, 2019, 100,	2.5	59
11	Active stabilization of ion trap radiofrequency potentials. Review of Scientific Instruments, 2016, 87, 053110.	1.3	52
12	Machine learning assisted readout of trapped-ion qubits. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 174006.	1.5	38
13	Observation of Hopping and Blockade of Bosons in a Trapped Ion Spin Chain. Physical Review Letters, 2018, 120, 073001.	7.8	35
14	Toward convergence of effective-field-theory simulations on digital quantum computers. Physical Review A, 2019, 100, .	2.5	28
15	Probing many-body localization on a noisy quantum computer. Physical Review A, 2021, 103, .	2.5	17
16	Efficient-sideband-cooling protocol for long trapped-ion chains. Physical Review A, 2020, 102, .	2.5	13
17	Demonstration of a Bayesian quantum game on an ion-trap quantum computer. Quantum Science and Technology, 2018, 3, 045002.	5.8	6
18	Comparing the architectures of the first programmable quantum computers. , 2017, , .		1

Comparing the architectures of the first programmable quantum computers. , 2017, , . 18

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#	Article	IF	CITATIONS
19	Quantum Computing and Simulation with Trapped Atomic Ions. , 2019, , .		0