

# Esteban A Martinez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2779433/publications.pdf>

Version: 2024-02-01

12  
papers

1,760  
citations

759233

12  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time dynamics of lattice gauge theories with a few-qubit quantum computer. Nature, 2016, 534, 516-519.	27.8	512
2	Realization of a scalable Shor algorithm. Science, 2016, 351, 1068-1070.	12.6	290
3	A quantum information processor with trapped ions. New Journal of Physics, 2013, 15, 123012.	2.9	235
4	Quantum simulation of dynamical maps with trapped ions. Nature Physics, 2013, 9, 361-367.	16.7	175
5	Characterizing large-scale quantum computers via cycle benchmarking. Nature Communications, 2019, 10, 5347.	12.8	155
6	U(1) Wilson lattice gauge theories in digital quantum simulators. New Journal of Physics, 2017, 19, 103020.	2.9	103
7	Measurement-Based Quantum Computation with Trapped Ions. Physical Review Letters, 2013, 111, 210501.	7.8	81
8	Dynamics and Thermodynamics of Linear Quantum Open Systems. Physical Review Letters, 2013, 110, 130406.	7.8	68
9	Can different quantum state vectors correspond to the same physical state? An experimental test. New Journal of Physics, 2016, 18, 013007.	2.9	54
10	Compiling quantum algorithms for architectures with multi-qubit gates. New Journal of Physics, 2016, 18, 063029.	2.9	47
11	Heat transport through ion crystals. Physica Scripta, 2016, 91, 013007.	2.5	24
12	Undoing a Quantum Measurement. Physical Review Letters, 2013, 110, 070403.	7.8	16