

Guido Pagano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5630945/publications.pdf>

Version: 2024-02-01

27
papers

3,870
citations

361413

20
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

3553
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering an effective three-spin Hamiltonian in trapped-ion systems for applications in quantum simulation. Quantum Science and Technology, 2022, 7, 034001.	5.8	18
2	Domain-wall confinement and dynamics in a quantum simulator. Nature Physics, 2021, 17, 742-747.	16.7	56
3	Programmable quantum simulations of spin systems with trapped ions. Reviews of Modern Physics, 2021, 93, .	45.6	316
4	Observation of a prethermal discrete time crystal. Science, 2021, 372, 1192-1196.	12.6	93
5	Toward simulating quantum field theories with controlled phonon-ion dynamics: A hybrid analog-digital approach. Physical Review Research, 2021, 3, .	3.6	42
6	Observation of Stark many-body localization without disorder. Nature, 2021, 599, 393-398.	27.8	69
7	Bound state dynamics in the long-range spin- $\frac{1}{2}$ XXZ model. Physical Review B, 2021, 104, .		
8	Quantum approximate optimization of the long-range Ising model with a trapped-ion quantum simulator. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25396-25401.	7.1	122
9	Efficient Ground-State Cooling of Large Trapped-Ion Chains with an Electromagnetically-Induced-Transparency Tripod Scheme. Physical Review Letters, 2020, 125, 053001.	7.8	36
10	Many-Body Dephasing in a Trapped-Ion Quantum Simulator. Physical Review Letters, 2020, 125, 120605.	7.8	23
11	Towards analog quantum simulations of lattice gauge theories with trapped ions. Physical Review Research, 2020, 2, .	3.6	78
12	Fast and Scalable Quantum Information Processing with Two π Electron Atoms in Optical Tweezer Arrays. Advanced Quantum Technologies, 2019, 2, 1800067.	3.9	18
13	Confined Quasiparticle Dynamics in Long-Range Interacting Quantum Spin Chains. Physical Review Letters, 2019, 122, 150601.	7.8	90
14	Heisenberg-scaling measurement protocol for analytic functions with quantum sensor networks. Physical Review A, 2019, 100, .	2.5	39
15	Cryogenic trapped-ion system for large scale quantum simulation. Quantum Science and Technology, 2019, 4, 014004.	5.8	90
16	Quantum Computing and Simulation with Trapped Atomic Ions. , 2019, , .		0
17	Chiral spin currents in a trapped-ion quantum simulator using Floquet engineering. Physical Review A, 2018, 97, .	2.5	6
18	Observation of a discrete time crystal. Nature, 2017, 543, 217-220.	27.8	764

#	ARTICLE	IF	CITATIONS
19	Non-thermalization in trapped atomic ion spin chains. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170107.	3.4	29
20	Observation of a many-body dynamical phase transition with a 53-qubit quantum simulator. Nature, 2017, 551, 601-604.	27.8	735
21	Measuring absolute frequencies beyond the GPS limit via long-haul optical frequency dissemination. Optics Express, 2016, 24, 11865.	3.4	30
22	Strongly Interacting Gas of Two-Electron Fermions at an Orbital Feshbach Resonance. Physical Review Letters, 2015, 115, 265301.	7.8	117
23	A compact ultranarrow high-power laser system for experiments with 578 nm ytterbium clock transition. Review of Scientific Instruments, 2015, 86, 073111.	1.3	12
24	Observation of chiral edge states with neutral fermions in synthetic Hall ribbons. Science, 2015, 349, 1510-1513.	12.6	551
25	Direct Observation of Coherent Interorbital Spin-Exchange Dynamics. Physical Review Letters, 2014, 113, 120402.	7.8	141
26	A one-dimensional liquid of fermions with tunable spin. Nature Physics, 2014, 10, 198-201.	16.7	323
27	Dissipative Floquet Dynamics: from Steady State to Measurement Induced Criticality in Trapped-ion Chains. Quantum - the Open Journal for Quantum Science, 0, 6, 638.	0.0	48