

Mollie E Schwartz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,555
citations

643344

15
h-index

939365

18
g-index

22
all docs

22
docs citations

22
times ranked

3013
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of Density Matrix Exponentiation Using a Superconducting Quantum Processor. Physical Review X, 2022, 12, .	2.8	4
2	Hexagonal boron nitride as a low-loss dielectric for superconducting quantum circuits and qubits. Nature Materials, 2022, 21, 398-403.	13.3	34
3	Quantum transport and localization in 1d and 2d tight-binding lattices. Npj Quantum Information, 2022, 8, .	2.8	20
4	Multi-level quantum noise spectroscopy. Nature Communications, 2021, 12, 967.	5.8	16
5	Realization of High-Fidelity CZ and Z -Free iSWAP Gates with a Tunable Coupler. Physical Review X, 2021, 11, .	2.8	103
6	Superconducting Qubits: Current State of Play. Annual Review of Condensed Matter Physics, 2020, 11, 369-395.	5.2	728
7	Solid-state qubits integrated with superconducting through-silicon vias. Npj Quantum Information, 2020, 6, .	2.8	64
8	Solid-State Qubits: 3D Integration and Packaging. IEEE Microwave Magazine, 2020, 21, 72-85.	0.7	33
9	Silicon Hard-Stop Spacers for 3D Integration of Superconducting Qubits. , 2019, , .		4
10	Quantum Trajectories and Their Statistics for Remotely Entangled Quantum Bits. Physical Review X, 2016, 6, .	2.8	32
11	Quantum trajectories of superconducting qubits. Comptes Rendus Physique, 2016, 17, 766-777.	0.3	17
12	Towards quantum-noise limited multiplexed microwave readout of qubits. , 2016, , .		2
13	A near-quantum-limited Josephson traveling-wave parametric amplifier. Science, 2015, 350, 307-310.	6.0	483
14	Observation of Measurement-Induced Entanglement and Quantum Trajectories of Remote Superconducting Qubits. Physical Review Letters, 2014, 112, 170501.	2.9	206
15	Pinning and mode-locking of reaction fronts by vortices. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4558-4563.	1.7	3
16	Interaction-Induced Shift of the Cyclotron Resonance of Graphene Using Infrared Spectroscopy. Physical Review Letters, 2010, 104, 067404.	2.9	91
17	Cyclotron Resonance in Bilayer Graphene. Physical Review Letters, 2008, 100, 087403.	2.9	178
18	Chemical Reaction Fronts in Ordered and Disordered Cellular Flows with Opposing Winds. Physical Review Letters, 2008, 100, 028302.	2.9	35

#	ARTICLE	IF	CITATIONS
19	EXPERIMENTAL STUDIES OF ADVECTION-REACTION-DIFFUSION SYSTEMS. , 2008, , .		0
20	Infrared Spectroscopy of Landau Levels of Graphene. Physical Review Letters, 2007, 98, 197403.	2.9	501
21	Connecting Qubits with a Topological Waveguide. Physics Magazine, 0, 14, .	0.1	0