

Guanyu Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

350
citations

1162367

8
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

466
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Topological and Subsystem Codes on Low-Degree Graphs with Flag Qubits. <i>Physical Review X</i> , 2020, 10, . | 2.8 | 107 |
| 2 | Measurement Protocol for the Entanglement Spectrum of Cold Atoms. <i>Physical Review X</i> , 2016, 6, . | 2.8 | 80 |
| 3 | Many-Body Chern Number from Statistical Correlations of Randomized Measurements. <i>Physical Review Letters</i> , 2021, 126, 050501. | 2.9 | 36 |
| 4 | Dispersive regime of the Jaynes-Cummings and Rabi lattice. <i>New Journal of Physics</i> , 2013, 15, 115002. | 1.2 | 32 |
| 5 | Hardware-efficient fermionic simulation with a cavity-QED system. <i>Npj Quantum Information</i> , 2018, 4, . | 2.8 | 18 |
| 6 | Universal logical gates with constant overhead: instantaneous Dehn twists for hyperbolic quantum codes. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 3, 180. | 0.0 | 18 |
| 7 | Quantum origami: Transversal gates for quantum computation and measurement of topological order. <i>Physical Review Research</i> , 2020, 2, . | 1.3 | 15 |
| 8 | Quasi-exact quantum computation. <i>Physical Review Research</i> , 2020, 2, . | 1.3 | 10 |
| 9 | Photon Pair Condensation by Engineered Dissipation. <i>Physical Review Letters</i> , 2019, 123, 063602. | 2.9 | 9 |
| 10 | Quantum Error Correction Thresholds for the Universal Fibonacci Turaev-Viro Code. <i>Physical Review X</i> , 2022, 12, . | 2.8 | 9 |
| 11 | Instantaneous braids and Dehn twists in topologically ordered states. <i>Physical Review B</i> , 2020, 102, . | 1.1 | 8 |
| 12 | Universal Logical Gates on Topologically Encoded Qubits via Constant-Depth Unitary Circuits. <i>Physical Review Letters</i> , 2020, 125, 050502. | 2.9 | 8 |