

Giuseppe Magnifico

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Real time Dynamics and Confinement in the Z_n Schwinger-Model for 1+1 QED. <i>Quantum, the Open Journal for Quantum Science</i> , 6, 4, 281. | 0.0 | 81 |
| 2 | Phase transitions in Z_n gauge models: Towards quantum simulations of the Schwinger-Weyl QED. <i>Physical Review D</i> , 2018, 98, . | 4.7 | 40 |
| 3 | Lattice quantum electrodynamics in (3+1)-dimensions at finite density with tensor networks. <i>Nature Communications</i> , 2021, 12, 3600. | 12.8 | 41 |
| 4 | Symmetry-protected topological phases in lattice gauge theories: Topological Z_n QED. <i>Physical Review D</i> , 2019, 99, . | 4.7 | 40 |
| 5 | gauge theories coupled to topological fermions: with a quantum mechanical Z_n angle. <i>Physical Review B</i> , 2019, 99, . | 4.7 | 29 |
| 6 | Entanglement topological invariants for one-dimensional topological superconductors. <i>Physical Review B</i> , 2020, 101, . | 3.2 | 28 |
| 7 | Diagnosing Potts criticality and two-stage melting in one-dimensional hard-core boson models. <i>Physical Review B</i> , 2019, 99, . | 3.2 | 20 |
| 8 | Entanglement generation in Z_n QED scattering processes. <i>Physical Review D</i> , 2021, 104, . | 4.7 | 19 |
| 9 | Adaptive-weighted tree tensor networks for disordered quantum many-body systems. <i>Physical Review B</i> , 2022, 105, . | 3.2 | 12 |
| 10 | Hilbert curve vs Hilbert space: exploiting fractal 2D covering to increase tensor network efficiency. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 5, 556. | 0.0 | 7 |
| 11 | Topological phases in two-legged Heisenberg ladders with alternating interactions. <i>Physical Review B</i> , 2020, 101, . | 3.2 | 5 |