

# Giuseppe Magnifico

## List of Publications by Year in descending order

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299  
citing authors

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