Zhi-Cheng Yang

List of Publications by Year
in descending order

22 papers	562 citations	759233 12 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	630 citing authors

#	Article	IF	Citations
1	Optimizing Variational Quantum Algorithms Using Pontryaginâ€™s Minimum Principle. Physical Review X, 2017, 7, .	8.9	99
2	Hilbert-Space Fragmentation from Strict Confinement. Physical Review Letters, 2020, 124, 207602.	7.8	95
3	Two-Component Structure in the Entanglement Spectrum of Highly Excited States. Physical Review Letters, 2015, 115, 267206.	7.8	68
4	Entanglement complexity in quantum many-body dynamics, thermalization, and localization. Physical Review B, 2017, 96, .	3.2	43
5	Enhanced field emission from large scale uniform monolayer graphene supported by well-aligned ZnO nanowire arrays. Applied Physics Letters, 2012, 101, .	3.3	32
6	Rainbow scars: From area to volume law. Physical Review B, 2022, 105, .	3.2	32
7	Single T gate in a Clifford circuit drives transition to universal entanglement spectrum statistics. SciPost Physics, 2020, 9, .	4.9	29
8	Synthesis and field emission properties of topological insulator Bi₂Se₃nanoflake arrays. Nanotechnology, 2012, 23, 305704.	2.6	25
9	Tunable fragile topology in Floquet systems. Physical Review B, 2021, 103, .	3.2	20
10	Yang-Lee edge singularity triggered entanglement transition. Physical Review B, 2021, 104, .	3.2	19
11	Entanglement phase transitions in random stabilizer tensor networks. Physical Review B, 2022, 105, .	3.2	19
12	Constructing Quantum Spin Liquids Using Combinatorial Gauge Symmetry. Physical Review Letters, 2020, 125, 067203.	7.8	13
13	Superconductors with anomalous Floquet higher-order topology. Physical Review B, 2021, 104, .	3.2	13
14	Spin-current Seebeck effect in quantum dot systems. Journal of Physics Condensed Matter, 2014, 26, 045302.	1.8	11
15	Hierarchical Majoranas in a programmable nanowire network. Physical Review B, 2019, 99, .	3.2	11
16	Localization and Criticality in Antiblockaded Two-Dimensional Rydberg Atom Arrays. Physical Review Letters, 2022, 128, 013603.	7.8	10
17	Quantum vertex model for reversible classical computing. Nature Communications, 2017, 8, 15303.	12.8	7
18	Scrambling via braiding of nonabelions. Physical Review B, 2019, 99, .	3.2	7

#	Article	IF	Citations
19	Tensor network method for reversible classical computation. Physical Review E, 2018, 97, 033303.	2.1	4
20	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> topological order and first-order quantum phase transitions in systems with combinatorial gauge symmetry. Physical Review B, 2021, 104, .	3.2	2
21	Extended nonergodic regime and spin subdiffusion in disordered SU(2)-symmetric Floquet systems. Physical Review B, 2020, 102, .	3.2	2
22	Z3 Quantum Double in a Superconducting Wire Array. PRX Quantum, 2021, 2, .	9.2	1