

Zheng Yan

List of Publications by Year in descending order

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papers

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840776

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16
docs citations

16
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling of Entanglement Entropy at Deconfined Quantum Criticality. Physical Review Letters, 2022, 128, 010601.	7.8	30
2	Bulk and edge dynamics of a two-dimensional Affleck-Kennedy-Lieb-Tasaki model. Physical Review B, 2022, 105, .	3.2	4
3	Global scheme of sweeping cluster algorithm to sample among topological sectors. Physical Review B, 2022, 105, .	3.2	12
4	Quantum dynamics of topological strings in a frustrated Ising antiferromagnet. Npj Quantum Materials, 2022, 7, .	5.2	7
5	Measuring Rényi entanglement entropy with high efficiency and precision in quantum Monte Carlo simulations. Npj Quantum Materials, 2022, 7, .	5.2	17
6	Vestigial anyon condensation in kagome quantum spin liquids. Physical Review B, 2021, 103, .	3.2	12
7	Widely existing mixed phase structure of the quantum dimer model on a square lattice. Physical Review B, 2021, 103, .	3.2	16
8	Phase diagram of the quantum Ising model on a triangular lattice under external field. Physical Review B, 2021, 103, .	3.2	14
9	Topological phase transition and single/multi anyon dynamics of Z2 spin liquid. Npj Quantum Materials, 2021, 6, .	5.2	25
10	Amplitude Mode in Quantum Magnets via Dimensional Crossover. Physical Review Letters, 2021, 126, 227201.	7.8	21
11	Higher-form symmetry breaking at Ising transitions. Physical Review Research, 2021, 3, .	3.6	20
12	Effective p-wave Fermi-Fermi Interaction Induced by Bosonic Superfluids. Scientific Reports, 2020, 10, 10822.	3.3	2
13	Universal critical behavior in the ferromagnetic superconductor Eu(Fe _{0.75} Ru _{0.25}) ₂ As ₂ . Physical Review B, 2019, 100, .	3.2	7
14	Sweeping cluster algorithm for quantum spin systems with strong geometric restrictions. Physical Review B, 2019, 99, .	3.2	28
15	Interacting lattice systems with quantum dissipation: A quantum Monte Carlo study. Physical Review B, 2018, 97, .	3.2	17