

Zheng Yan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

233
citations

840776

11
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996975

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