Ananda Roy

List of Publications by Year
in descending order

15 papers	314 citations	933447 10 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	455 citing authors

#	Article	IF	Citations
1	Entanglement Entropy in the Ising Model with Topological Defects. Physical Review Letters, 2022, 128, 090603.	7.8	18
2	Entanglement entropy and negativity in the Ising model with defects. Journal of High Energy Physics, 2022, 2022, .	4.7	10
3	The quantum sine-Gordon model with quantum circuits. Nuclear Physics B, 2021, 968, 115445.	2.5	25
4	Critical properties of the Ising model in hyperbolic space. Physical Review E, 2020, 101, 022124.	2.1	9
5	Quantum phases of a one-dimensional Majorana-Bose-Hubbard model. Physical Review B, 2020, 101, .	3.2	9
6	Entanglement Hamiltonian of the 1 + 1-dimensional free, compactified boson conformal field theory. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 083104.	2.3	18
7	Quantum electronic circuit simulation of generalized sine-Gordon models. Physical Review B, 2019, 100, .	3.2	17
8	Topological ordering in the Majorana toric code. Physical Review B, 2019, 100, .	3.2	3
9	Charge response of the Majorana toric code. Physical Review B, 2018, 97, .	3.2	4
10	Quantum-limited parametric amplification with Josephson circuits in the regime of pump depletion. Physical Review B, 2018, 98, .	3.2	23
11	Quantum Phase Transitions of the Majorana Toric Code in the Presence of Finite Cooper-Pair Tunneling. Physical Review Letters, 2017, 119, 180508.	7.8	11
12	Introduction to parametric amplification of quantum signals with Josephson circuits. Comptes Rendus Physique, 2016, 17, 740-755.	0.9	114
13	Remote Entanglement by Coherent Multiplication of Concurrent Quantum Signals. Physical Review Letters, 2015, 115, 150503.	7.8	10
14	Continuous generation and stabilization of mesoscopic field superposition states in a quantum circuit. Physical Review A, 2015, 91, .	2.5	21
15	Asymmetric Frequency Conversion in Nonlinear Systems Driven by a Biharmonic Pump. Physical Review Letters, 2014, 113, 247003.	7.8	22