

Ananda Roy

List of Publications by Year in descending order

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