

Siddhartha Santra

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

164
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Max 2-SAT with up to 108 qubits. <i>New Journal of Physics</i> , 2014, 16, 045006.	2.9	46
2	Entanglement swapping of two arbitrarily degraded entangled states. <i>Physical Review A</i> , 2016, 94, .	2.5	28
3	Quantum repeater architecture with hierarchically optimized memory buffer times. <i>Quantum Science and Technology</i> , 2019, 4, 025010.	5.8	23
4	Local Response of Topological Order to an External Perturbation. <i>Physical Review Letters</i> , 2013, 110, 210602.	7.8	19
5	Quantum repeaters based on two species trapped ions. <i>New Journal of Physics</i> , 2019, 21, 073002.	2.9	14
6	Quantum networking with short-range entanglement assistance. <i>Physical Review A</i> , 2021, 103, .	2.5	10
7	Ising formulation of associative memory models and quantum annealing recall. <i>Physical Review A</i> , 2017, 96, .	2.5	9
8	Fermi's golden rule, the origin and breakdown of Markovian master equations, and the relationship between oscillator baths and the random matrix model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 415302.	2.1	5
9	Entanglement-enabled interferometry using telescopic arrays. <i>Journal of Modern Optics</i> , 2020, 67, 9-20.	1.3	4
10	Propagation of correlations in local random quantum circuits. <i>Quantum Information Processing</i> , 2016, 15, 4613-4628.	2.2	2
11	Enhancement of entanglement concentration using catalysts. <i>Journal of Chemical Physics</i> , 2021, 154, 134108.	3.0	2
12	Probabilistic catalyzed entanglement concentration of qubit pairs. <i>Quantum Information Processing</i> , 2021, 20, 1.	2.2	2