

# Siddhartha Santra

## List of Publications by Year in descending order

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12  
papers

164  
citations

1307594

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h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

197  
citing authors

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