

Siddhartha Das

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

344
citations

759233

12
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Approximate reversibility in the context of entropy gain, information gain, and complete positivity. Physical Review A, 2016, 93, .	2.5	41
2	Robust quantum network architectures and topologies for entanglement distribution. Physical Review A, 2018, 97, .	2.5	40
3	Fundamental limits on quantum dynamics based on entropy change. Journal of Mathematical Physics, 2018, 59, .	1.1	32
4	Universal Limitations on Quantum Key Distribution over a Network. Physical Review X, 2021, 11, .	8.9	27
5	Fundamental Limits on the Capacities of Bipartite Quantum Interactions. Physical Review Letters, 2018, 121, 250504.	7.8	26
6	Quantum speed limits for information and coherence. New Journal of Physics, 2022, 24, 065003.	2.9	23
7	Entanglement and secret-key-agreement capacities of bipartite quantum interactions and read-only memory devices. Physical Review A, 2020, 101, .	2.5	21
8	Multipartite Bell-type inequality by generalizing Wigner's argument. Physical Review A, 2015, 91, .	2.5	18
9	Hadamard quantum broadcast channels. Quantum Information Processing, 2017, 16, 1.	2.2	17
10	Continuous-variable quantum Gaussian process regression and quantum singular value decomposition of nonsparse low-rank matrices. Physical Review A, 2018, 97, .	2.5	17
11	Extendibility Limits the Performance of Quantum Processors. Physical Review Letters, 2019, 123, 070502.	7.8	16
12	Approximate reversal of quantum Gaussian dynamics. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 125301.	2.1	14
13	Unification of Bell, Leggett-Garg and Kochen-Specker inequalities: Hybrid spatio-temporal inequalities. Europhysics Letters, 2013, 104, 60006.	2.0	12
14	Quantum Reading Capacity: General Definition and Bounds. IEEE Transactions on Information Theory, 2019, 65, 7566-7583.	2.4	10
15	Quantum rebound capacity. Physical Review A, 2019, 100, .	2.5	8
16	Resource theory of unextendibility and nonasymptotic quantum capacity. Physical Review A, 2021, 104, .	2.5	8
17	Fundamental limitations on the device-independent quantum conference key agreement. Physical Review A, 2022, 105, .	2.5	7
18	Partial order on passive states and Hoffman majorization in quantum thermodynamics. Physical Review Research, 2021, 3, .	3.6	4

#	ARTICLE	IF	CITATIONS
19	Practically secure quantum position verification. New Journal of Physics, 2021, 23, 063069.	2.9	3