

Siddhartha Das

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

344
citations

759233

12
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839539

18
g-index

19
all docs

19
docs citations

19
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamental limitations on the device-independent quantum conference key agreement. <i>Physical Review A</i> , 2022, 105, .	2.5	7
2	Quantum speed limits for information and coherence. <i>New Journal of Physics</i> , 2022, 24, 065003.	2.9	23
3	Practically secure quantum position verification. <i>New Journal of Physics</i> , 2021, 23, 063069.	2.9	3
4	Partial order on passive states and Hoffman majorization in quantum thermodynamics. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
5	Resource theory of unextendibility and nonasymptotic quantum capacity. <i>Physical Review A</i> , 2021, 104, .	2.5	8
6	Universal Limitations on Quantum Key Distribution over a Network. <i>Physical Review X</i> , 2021, 11, .	8.9	27
7	Entanglement and secret-key-agreement capacities of bipartite quantum interactions and read-only memory devices. <i>Physical Review A</i> , 2020, 101, .	2.5	21
8	Extendibility Limits the Performance of Quantum Processors. <i>Physical Review Letters</i> , 2019, 123, 070502.	7.8	16
9	Quantum Reading Capacity: General Definition and Bounds. <i>IEEE Transactions on Information Theory</i> , 2019, 65, 7566-7583.	2.4	10
10	Quantum rebound capacity. <i>Physical Review A</i> , 2019, 100, .	2.5	8
11	Continuous-variable quantum Gaussian process regression and quantum singular value decomposition of nonsparse low-rank matrices. <i>Physical Review A</i> , 2018, 97, .	2.5	17
12	Robust quantum network architectures and topologies for entanglement distribution. <i>Physical Review A</i> , 2018, 97, .	2.5	40
13	Fundamental limits on quantum dynamics based on entropy change. <i>Journal of Mathematical Physics</i> , 2018, 59, .	1.1	32
14	Approximate reversal of quantum Gaussian dynamics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 125301.	2.1	14
15	Fundamental Limits on the Capacities of Bipartite Quantum Interactions. <i>Physical Review Letters</i> , 2018, 121, 250504.	7.8	26
16	Hadamard quantum broadcast channels. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	17
17	Approximate reversibility in the context of entropy gain, information gain, and complete positivity. <i>Physical Review A</i> , 2016, 93, .	2.5	41
18	Multipartite Bell-type inequality by generalizing Wigner's argument. <i>Physical Review A</i> , 2015, 91, .	2.5	18

#	ARTICLE	IF	CITATIONS
19	Unification of Bell, Leggett-Garg and Kochen-Specker inequalities: Hybrid spatio-temporal inequalities. Europhysics Letters, 2013, 104, 60006.	2.0	12