

Kun Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6813290/publications.pdf>

Version: 2024-02-01

18
papers

504
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Shot Coherence Distillation. Physical Review Letters, 2018, 121, 010401.	7.8	99
2	Probabilistic Distillation of Quantum Coherence. Physical Review Letters, 2018, 121, 070404.	7.8	66
3	Using and reusing coherence to realize quantum processes. Quantum - the Open Journal for Quantum Science, 0, 2, 100.	0.0	56
4	No-Go Theorems for Quantum Resource Purification. Physical Review Letters, 2020, 125, 060405.	7.8	48
5	Semidefinite Programming Converse Bounds for Quantum Communication. IEEE Transactions on Information Theory, 2019, 65, 2583-2592.	2.4	37
6	The sum-of-squares hierarchy on the sphere and applications in quantum information theory. Mathematical Programming, 2021, 190, 331-360.	2.4	30
7	Chain Rule for the Quantum Relative Entropy. Physical Review Letters, 2020, 124, 100501.	7.8	30
8	Non-Asymptotic Entanglement Distillation. IEEE Transactions on Information Theory, 2019, 65, 6454-6465.	2.4	28
9	Geometric Rényi Divergence and its Applications in Quantum Channel Capacities. Communications in Mathematical Physics, 2021, 384, 1615-1677.	2.2	28
10	Quantum Channel Simulation and the Channel's Smooth Max-Information. IEEE Transactions on Information Theory, 2020, 66, 2129-2140.	2.4	26
11	On Converse Bounds for Classical Communication Over Quantum Channels. IEEE Transactions on Information Theory, 2019, 65, 4609-4619.	2.4	21
12	One-shot entanglement distillation beyond local operations and classical communication. New Journal of Physics, 2019, 21, 103017.	2.9	13
13	No-Go Theorems for Quantum Resource Purification: New Approach and Channel Theory. PRX Quantum, 2022, 3, .	9.2	11
14	Approximate broadcasting of quantum correlations. Physical Review A, 2017, 96, .	2.5	4
15	Quantum Channel Simulation and the Channel's Smooth Max-Information. , 2018, , .		3
16	Finite Block Length Analysis on Quantum Coherence Distillation and Incoherent Randomness Extraction. IEEE Transactions on Information Theory, 2021, 67, 3926-3944.	2.4	3
17	Finite Block Length Analysis on Quantum Coherence Distillation and Incoherent Randomness Extraction. , 2021, , .		1
18	On Finite Blocklength Converse Bounds for Classical Communication Over Quantum Channels. , 2018, , .		0