Kun Fang

List of Publications by Year
in descending order

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