Bin Chen

List of Publications by Year
in descending order

17 papers	350 citations	1040056 9 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	178 citing authors

#	ARTICLE	IF	CITATIONS
1	Sum uncertainty relations for arbitrary N incompatible observables. Scientific Reports, 2015, 5, 14238.	3.3	60
2	Entanglement detection using mutually unbiased measurements. Physical Review A, 2014, 89, .	2.5	43
3	General SIC measurement-based entanglement detection. Quantum Information Processing, 2015, 14, 2281-2290.	2.2	36
4	Estimation on Geometric Measure of Quantum Coherence. Communications in Theoretical Physics, 2017, 67, 166.	2.5	36
5	Experimental Demonstration of Uncertainty Relations for the Triple Components of Angular Momentum. Physical Review Letters, 2017, 118, 180402.	7.8	35
6	Sum uncertainty relations based on Wigner–Yanase skew information. Quantum Information Processing, 2016, 15, 2639-2648.	2.2	31
7	Variance-based uncertainty relations for incompatible observables. Quantum Information Processing, 2016, 15, 3909-3917.	2.2	28
8	Notes on modified trace distance measure of coherence. Quantum Information Processing, 2018, 17, 1.	2.2	24
9	Uncertainty relations based on mutually unbiased measurements. Quantum Information Processing, 2015, 14, 2227-2238.	2.2	22
10	Lower bound of local quantum uncertainty for high-dimensional bipartite quantum systems. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	8
11	Dynamics of coherence-induced state ordering under Markovian channels. Frontiers of Physics, 2018, 13, 1.	5.0	7
12	Total variance and invariant information in complementary measurements. Communications in Theoretical Physics, 2020, 72, 065106.	2.5	6
13	Ordering states with various coherence measures. Quantum Information Processing, 2018, 17, 1.	2.2	5
14	Tighter Weighted Polygamy Inequalities of Multipartite Entanglement in Arbitrary-Dimensional Quantum Systems. International Journal of Theoretical Physics, 2019, 58, 1001-1007.	1.2	3
15	Average coherence with respect to complementary measurements. Communications in Theoretical Physics, 2021, 73, 015103.	2.5	3
16	Uncertainty relations for multiple operators without covariances. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 095303.	2.1	2
17	Complementary measurement-induced quantum uncertainty based on metric adjusted skew information. International Journal of Quantum Information, 2020, 18, 2150001.	1.1	1