

Zihua Guo

List of Publications by Year in descending order

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25
papers

208
citations

1040056

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h-index

1058476

14
g-index

25
all docs

25
docs citations

25
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing Bell nonlocality and EPR steering. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	28
2	Restricted allowable generalized quantum gates. <i>Science Bulletin</i> , 2010, 55, 2122-2125.	1.7	26
3	Partial correlations in multipartite quantum systems. <i>Information Sciences</i> , 2014, 289, 262-272.	6.9	17
4	Quantitative sufficient conditions for adiabatic approximation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 1401-1407.	5.1	16
5	Distinguishing classical correlations from quantum correlations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 145301.	2.1	15
6	Adiabatic approximation in PT-symmetric quantum mechanics. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 1835-1839.	5.1	12
7	An upper bound for the adiabatic approximation error. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 218-224.	5.1	11
8	Complex duality quantum computers acting on pure and mixed states. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 2452-2462.	5.1	10
9	Computable upper bounds for the adiabatic approximation errors. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 2031-2038.	5.1	9
10	Operational properties and matrix representations of quantum measures. <i>Science Bulletin</i> , 2011, 56, 1671-1678.	1.7	8
11	Generalized Steering Robustness of Bipartite Quantum States. <i>International Journal of Theoretical Physics</i> , 2018, 57, 1787-1801.	1.2	8
12	Structures of Three Types of Local Quantum Channels Based on Quantum Correlations. <i>Foundations of Physics</i> , 2015, 45, 355-369.	1.3	7
13	Masking Quantum Information Encoded in Pure and Mixed States. <i>International Journal of Theoretical Physics</i> , 2021, 60, 2380-2399.	1.2	7
14	Existence and construction of a quantum channel with given inputs and outputs. <i>Science Bulletin</i> , 2012, 57, 4346-4350.	1.7	5
15	Local quantum channels preserving classical correlations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 065303.	2.1	5
16	Creating quantum correlation from coherence via incoherent quantum operations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 265301.	2.1	5
17	Symmetry-Like Relation of Relative Entropy Measure of Quantum Coherence. <i>Entropy</i> , 2020, 22, 297.	2.2	5
18	A Classification of Correlations of Tripartite Mixed States. <i>International Journal of Theoretical Physics</i> , 2013, 52, 1768-1779.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Robustness of quantum correlations against linear noise. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 195301.	2.1	3
20	Some Measurement-Based Characterizations of Separability of Bipartite States. <i>International Journal of Theoretical Physics</i> , 2021, 60, 2558-2572.	1.2	3
21	Mathematically Proving Bell Nonlocality Motivated by the GHZ Argument. <i>IEEE Access</i> , 2021, 9, 39550-39559.	4.2	2
22	Witness for Non-Quasi Maximally Entangled States. <i>International Journal of Theoretical Physics</i> , 2016, 55, 5202-5215.	1.2	1
23	Broadcasting coherence via incoherent operations. <i>Linear and Multilinear Algebra</i> , 0, , 1-9.	1.0	1
24	Quantum Incoherence Based Simultaneously on k Bases. <i>Entropy</i> , 2022, 24, 659.	2.2	1
25	Existence and construction of simultaneous cloning machines for mixed states. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015, 58, 1-5.	5.1	0