

Wei-Wei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6302698/publications.pdf>

Version: 2024-02-01

25
papers

864
citations

623734

14
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	A watermark strategy for quantum images based on quantum fourier transform. Quantum Information Processing, 2013, 12, 793-803.	2.2	132
2	Uncover Topology by Quantum Quench Dynamics. Physical Review Letters, 2018, 121, 250403.	7.8	114
3	Efficient quantum private comparison employing single photons and collective detection. Quantum Information Processing, 2013, 12, 887-897.	2.2	99
4	Improving the security of arbitrated quantum signature against the forgery attack. Quantum Information Processing, 2013, 12, 2655-2669.	2.2	82
5	A Quantum Watermark Protocol. International Journal of Theoretical Physics, 2013, 52, 504-513.	1.2	81
6	Cryptanalysis and improvement of the quantum private comparison protocol with semi-honest third party. Quantum Information Processing, 2013, 12, 1981-1990.	2.2	70
7	Quantum Private Comparison Protocol with W States. International Journal of Theoretical Physics, 2014, 53, 1723-1729.	1.2	40
8	Quantum topology identification with deep neural networks and quantum walks. Npj Computational Materials, 2019, 5, .	8.7	32
9	A quantum protocol for millionaire problem with Bell states. Quantum Information Processing, 2013, 12, 2241-2249.	2.2	29
10	A secure quantum group signature scheme based on Bell states. Physica Scripta, 2013, 87, 045012.	2.5	28
11	Quantum Private Comparison Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2013, 52, 1466-1473.	1.2	23
12	Revisiting "The Loophole of the Improved Secure Quantum Sealed-Bid Auction with Post-Confirmation and Solution" International Journal of Theoretical Physics, 2014, 53, 3147-3153.	1.2	21
13	Analysis of the two-particle controlled interacting quantum walks. Quantum Information Processing, 2013, 12, 2167-2176.	2.2	18
14	Creating cat states in one-dimensional quantum walks using delocalized initial states. New Journal of Physics, 2016, 18, 093025.	2.9	18
15	One-dimensional lazy quantum walks and occupancy rate. Chinese Physics B, 2015, 24, 050305.	1.4	13
16	Topological quantum walks: Theory and experiments. Frontiers of Physics, 2019, 14, 1.	5.0	12
17	Biphoton entanglement of topologically distinct modes. Physical Review A, 2022, 105, .	2.5	12
18	Decomposition of split-step quantum walks for simulating Majorana modes and edge states. Physical Review A, 2017, 95, .	2.5	11

#	ARTICLE	IF	CITATIONS
19	Detecting Topological Transitions in Two Dimensions by Hamiltonian Evolution. Physical Review Letters, 2017, 119, 197401.	7.8	7
20	Bounds for coherence of quantum superpositions in high dimension. Scientific Reports, 2017, 7, 4006.	3.3	7
21	Is quantum key distribution suitable for steganography?. Quantum Information Processing, 2013, 12, 625-630.	2.2	6
22	Quantum Walks on Two Kinds of Two-Dimensional Models. International Journal of Theoretical Physics, 2015, 54, 2771-2783.	1.2	5
23	Quantum walk on a chimera graph. New Journal of Physics, 2018, 20, 053039.	2.9	3
24	The general theory of three-party quantum secret sharing protocols over phase-damping channels. Quantum Information Processing, 2013, 12, 3291-3304.	2.2	0
25	Channel discord and distortion. New Journal of Physics, 2021, 23, 083025.	2.9	0