

Zhihao

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

299
citations

840776

11
h-index

940533

16
g-index

41
all docs

41
docs citations

41
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum secure direct communication with optimal quantum superdense coding by using general four-qubit states. Quantum Information Processing, 2013, 12, 587-599.	2.2	34
2	Same Initial States Attack in Yang et al.'s Quantum Private Comparison Protocol and the Improvement. International Journal of Theoretical Physics, 2014, 53, 271-276.	1.2	22
3	Deterministic secure quantum communication without unitary operation based on high-dimensional entanglement swapping. Science China Information Sciences, 2012, 55, 360-367.	4.3	20
4	Cryptanalysis and improvement of three-particle deterministic secure and high bit-rate direct quantum communication protocol. Quantum Information Processing, 2014, 13, 1345-1351.	2.2	19
5	Cryptanalysis of Controlled Quantum Secure Direct Communication and Authentication Protocol Based on Five-Particle Cluster State and Quantum One-Time Pad. International Journal of Theoretical Physics, 2016, 55, 4564-4576.	1.2	18
6	ANALYZING AND REVISING A TWO-WAY PROTOCOL FOR QUANTUM CRYPTOGRAPHY WITH A NONMAXIMALLY ENTANGLED QUBIT PAIR. International Journal of Quantum Information, 2011, 09, 1329-1339.	1.1	15
7	Cryptanalysis of Controlled Bidirectional Quantum Secure Direct Communication Network Using Classical XOR Operation and Quantum Entanglement. IEEE Communications Letters, 2017, 21, 2202-2205.	4.1	15
8	High-dimensional deterministic multiparty quantum secret sharing without unitary operations. Quantum Information Processing, 2012, 11, 1785-1795.	2.2	14
9	Information Leakage Problem in Efficient Bidirectional Quantum Secure Direct Communication with Single Photons in Both Polarization and Spatial-Mode Degrees of Freedom. International Journal of Theoretical Physics, 2016, 55, 4681-4686.	1.2	12
10	Discrete-time quantum walk search on Johnson graphs. Quantum Information Processing, 2019, 18, 1.	2.2	12
11	Improvement on "an efficient protocol for the quantum private comparison of equality with W state". International Journal of Quantum Information, 2014, 12, 1450001.	1.1	11
12	Cryptanalysis and improvement of efficient quantum dialogue using entangled states and entanglement swapping without information leakage. Quantum Information Processing, 2017, 16, 1.	2.2	11
13	Analysis and Improvement of Large Payload Bidirectional Quantum Secure Direct Communication Without Information Leakage. International Journal of Theoretical Physics, 2018, 57, 311-321.	1.2	11
14	Analyzing and Improving the Secure Quantum Dialogue Protocol Based on Four-Qubit Cluster State. International Journal of Theoretical Physics, 2020, 59, 2120-2126.	1.2	10
15	Cryptanalysis and improvement in controlled quantum dialogue using cluster states. Quantum Information Processing, 2019, 18, 1.	2.2	9
16	Selection of unitary operations in quantum secret sharing without entanglement. Science China Information Sciences, 2011, 54, 1837-1842.	4.3	8
17	Classical-Operation-Based Deterministic Secure Quantum Communication. International Journal of Theoretical Physics, 2014, 53, 2118-2129.	1.2	8
18	Deterministic Joint Remote Preparation of Arbitrary Four-Qubit Cluster-Type State Using EPR Pairs. International Journal of Theoretical Physics, 2017, 56, 351-361.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Analyzing and Revising Quantum Dialogue Without Information Leakage Based on the Entanglement Swapping Between any Two Bell States and the Shared Secret Bell State. International Journal of Theoretical Physics, 2019, 58, 575-583.	1.2	7
20	Quantum image with high retrieval performance. Quantum Information Processing, 2016, 15, 637-650.	2.2	5
21	Analysis and Revision of Secure Quantum Dialogue via Cavity QED. International Journal of Theoretical Physics, 2017, 56, 2303-2309.	1.2	5
22	Quantum simultaneous secret distribution with dense coding by using cluster states. Quantum Information Processing, 2013, 12, 3745-3759.	2.2	3
23	Finding structural anomalies in complete graphs using scattering quantum walks. International Journal of Quantum Information, 2016, 14, 1650035.	1.1	3
24	Cryptanalysis of the Efficient Controlled Quantum Secure Direct Communication and Authentication by Using Four Particle Cluster States Protocol. International Journal of Theoretical Physics, 2019, 58, 1989-1998.	1.2	3
25	A SIMPLE AND SECURE QUANTUM SECRET SHARING SCHEME BASED ON PRODUCT STATES. International Journal of Quantum Information, 2012, 10, 1250031.	1.1	2
26	Cryptanalysis and improvement of the robust quantum dialogue protocols based on the entanglement swapping between any two logical Bell states and the shared auxiliary logical Bell state. Modern Physics Letters A, 2019, 34, 1950241.	1.2	2
27	Continuous-time quantum walks on strongly regular graphs with loops and its application to spatial search for multiple marked vertices. Quantum Information Processing, 2019, 18, 1.	2.2	2
28	Quantum transport on large-scale sparse regular networks by using continuous-time quantum walk. Quantum Information Processing, 2020, 19, 1.	2.2	2
29	Passive attack to the controlled secure direct communication with seven-qubit entangled states protocol. Modern Physics Letters A, 2020, 35, 1950343.	1.2	2
30	QIPC: A novel quantum representation model for polar coordinate images. Quantum Information Processing, 2022, 21, .	2.2	2
31	Quantum secret sharing without exclusive OR of qubits' measuring results. , 2012, , .		1
32	Construction of punctured and extended quantum codes over GF(2). Science China Information Sciences, 2013, 56, 1-11.	4.3	1
33	Security loopholes in the controlled quantum dialogue robust against conspiring users protocol. Quantum Information Processing, 2019, 18, 1.	2.2	1
34	Entanglement in Phase Estimation Algorithm and Quantum Counting Algorithm. International Journal of Theoretical Physics, 2020, 59, 1372-1381.	1.2	1
35	A unitary operator construction solution based on Pauli group for maximal dense coding with a class of symmetric states. Quantum Information Processing, 2020, 19, 1.	2.2	0
36	Universal and General Quantum Simultaneous Secret Distribution with Dense Coding by Using One-Dimensional High-Level Cluster States. Journal of Computer Science and Technology, 2021, 36, 221-230.	1.5	0

#	ARTICLE	IF	CITATIONS
37	Probability and entanglement evolutions for Szegedy's quantum search on the one-dimensional cycle with self-loops. Quantum Information Processing, 2021, 20, 1.	2.2	0
38	Comment on "Protection of quantum dialogue affected by quantum field". Quantum Information Processing, 2021, 20, 1.	2.2	0
39	Correlation between the continuous-time quantum walk and cliques in graphs and its application. International Journal of Quantum Information, 0, , 2150009.	1.1	0
40	Comment on "Controlled quantum secure direct communication with authentication protocol based on five-particle cluster state and classical XOR operation". Quantum Information Processing, 2021, 20, 1.	2.2	0