Zhiguo Qu

List of Publications by Year in descending order

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47 papers	755 citations	567281 15 h-index	526287 27 g-index
48 all docs	48 docs citations	48 times ranked	654 citing authors

#	Article	IF	Citations
1	Standing Surface Acoustic Wave (SSAW)â€Based Fluorescenceâ€Activated Cell Sorter. Small, 2018, 14, e1801996.	10.0	83
2	Multilevel pattern mining architecture for automatic network monitoring in heterogeneous wireless communication networks. China Communications, 2016, 13, 108-116.	3.2	80
3	Controlled bidirectional remote preparation of three-qubit state. Quantum Information Processing, 2017, 16, 1.	2.2	47
4	A novel quantum image steganography algorithm based on exploiting modification direction. Multimedia Tools and Applications, 2019, 78, 7981-8001.	3.9	47
5	BeatClass: A Sustainable ECG Classification System in IoT-Based eHealth. IEEE Internet of Things Journal, 2022, 9, 7178-7195.	8.7	45
6	An efficient quantum image steganography protocol based on improved EMD algorithm. Quantum Information Processing, 2021, 20, 1.	2.2	42
7	Quantum Image Steganography Protocol Based on Quantum Image Expansion and Grover Search Algorithm. IEEE Access, 2019, 7, 50849-50857.	4.2	33
8	A secure controlled quantum image steganography algorithm. Quantum Information Processing, 2020, 19, 1.	2.2	32
9	Matrix Coding-Based Quantum Image Steganography Algorithm. IEEE Access, 2019, 7, 35684-35698.	4.2	31
10	New parallel processing strategies in complex event processing systems with data streams. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772862.	2.2	29
11	Effect of quantum noise on deterministic remote state preparation of an arbitrary two-particle state via various quantum entangled channels. Quantum Information Processing, 2017, 16, 1.	2.2	29
12	PerAE: An Effective Personalized AutoEncoder for ECG-Based Biometric in Augmented Reality System. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2435-2446.	6.3	26
13	Analysis and Improvement of Steganography Protocol Based on Bell States in Noise Environment. Computers, Materials and Continua, 2019, 59, 607-624.	1.9	19
14	Novel zero-watermarking scheme based on DWT-DCT. China Communications, 2016, 13, 122-126.	3.2	18
15	A method for video authenticity based on the fingerprint of scene frame. Neurocomputing, 2016, 173, 2022-2032.	5.9	16
16	A novel coherence-based quantum steganalysis protocol. Quantum Information Processing, 2020, 19, 1.	2.2	15
17	A Robust Quantum Watermark Algorithm Based on Quantum Log-polar Images. International Journal of Theoretical Physics, 2017, 56, 3460-3476.	1.2	14
18	Quantum private comparison based on quantum dense coding. Science China Information Sciences, 2016, 59, 1.	4.3	13

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19	Improved quantum ripple-carry addition circuit. Science China Information Sciences, 2016, 59, 1.	4.3	13
20	Novel Quantum Video Steganography and Authentication Protocol with Large Payload. International Journal of Theoretical Physics, 2018, 57, 3689-3701.	1.2	13
21	Efficient quantum state transmission via perfect quantum network coding. Science China Information Sciences, 2019, 62, 1.	4.3	11
22	Learnable antinoise-receiver algorithm based on a quantum feedforward neural network in optical quantum communication. Physical Review A, 2022, 105, .	2.5	11
23	A Novel Quantum Video Steganography Protocol with Large Payload Based on MCQI Quantum Video. International Journal of Theoretical Physics, 2017, 56, 3543-3561.	1.2	10
24	An efficient quantum blind digital signature scheme. Science China Information Sciences, 2017, 60, 1.	4.3	10
25	Secure quantum fog computing model based on blind quantum computation. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 3807-3817.	4.9	10
26	The effect of quantum noise on two different deterministic remote state preparation of an arbitrary three-particle state protocols. Quantum Information Processing, 2018, 17, 1.	2.2	9
27	Anti-Noise Bidirectional Quantum Steganography Protocol with Large Payload. International Journal of Theoretical Physics, 2018, 57, 1903-1927.	1.2	9
28	A Secure Information Transmission Protocol for Healthcare Cyber Based on Quantum Image Expansion and Grover Search Algorithm. IEEE Transactions on Network Science and Engineering, 2023, 10, 2551-2563.	6.4	8
29	RoFa: A Robust and Flexible Fine-Grained Access Control Scheme for Mobile Cloud and IoT based Medical Monitoring. Fundamenta Informaticae, 2018, 157, 167-184.	0.4	4
30	An image authentication technology based on depth residual network. Systems Science and Control Engineering, 2018, 6, 57-70.	3.1	3
31	High-efficiency quantum image steganography protocol based on double-layer matrix coding. Quantum Information Processing, 2022, 21, .	2.2	3
32	Minimum length key in MST cryptosystems. Science China Information Sciences, 2017, 60, 1.	4.3	2
33	A Hybrid Quantum Key Distribution Protocol for Tele-care Medicine Information Systems. Wireless Personal Communications, 2018, 98, 929-943.	2.7	2
34	Fluorescence-Activated Cell Sorters: Standing Surface Acoustic Wave (SSAW)-Based Fluorescence-Activated Cell Sorter (Small 40/2018). Small, 2018, 14, 1870185.	10.0	2
35	Corrigendum to â€œStudy QoS Optimization and Energy Saving Techniques in Cloud, Fog, Edge, and IoTâ€• Complexity, 2020, 2020, 1-1.	1.6	2
36	Multiple-Input, Multilayer-Perception-Based Classification of Traces From Side-Channel Attacks. Computer, 2020, 53, 40-48.	1.1	2

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37	Physical similarity and parametric sensitivity analysis of the capacitive deionization process. International Journal of Green Energy, 0, , 1-13.	3.8	2
38	The solvability of quantum k-pair network in a measurement-based way. Scientific Reports, 2017, 7, 16775.	3.3	1
39	An Efficient Construction of Quantum Attack Resistant Proxy Re-Encryption Based on (Semi)group Factorization Problems*. Fundamenta Informaticae, 2018, 157, 47-62.	0.4	1
40	Quantum Identity Authentication Protocol Based on Three-Photon Quantum Error Avoidance Code. , 2019, , .		1
41	Continuous-variable quantum network coding protocol based on butterfly network model. International Journal of Sensor Networks, 2020, 32, 69.	0.4	1
42	Quantum identity authentication protocol based on threeâ€photon quantum error avoidance code in edge computing. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3945.	3.9	1
43	Continuous variable quantum steganography protocol based on quantum identity. Mathematical Biosciences and Engineering, 2019, 16, 4182-4195.	1.9	1
44	SShare: a simulator for studying and evaluating decentralized SPARQL query processing. Personal and Ubiquitous Computing, 2015, 19, 1087-1097.	2.8	0
45	An Efficient Proxy Re-Encryption Based on (Semi) Group Factorization Problems. , 2016, , .		0
46	Star-Topological Encryption: Talking to the Sever but Hiding Identities to Others*. Fundamenta Informaticae, 2018, 157, 29-46.	0.4	0
47	High Efficiency Quantum Image Steganography Protocol Based on ZZW Framework. Lecture Notes in Computer Science, 2021, , 400-411.	1.3	0