Fei Gao

List of Publications by Year
in descending order

30 papers	1,177 citations	516710 16 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	364 citing authors

#	Article	IF	Citations
1	Quantum Attacks on 1K-AES and PRINCE. Computer Journal, 2023, 66, 1102-1110.	2.4	3
2	Practical Attribute-Based Multi-Keyword Ranked Search Scheme in Cloud Computing. IEEE Transactions on Services Computing, 2022, 15, 724-735.	4.6	15
3	Public Key Encryption With Equality Test Supporting Flexible Designated Authorization in Cloud Storage. IEEE Systems Journal, 2022, 16, 1460-1470.	4.6	4
4	Quantum algorithms for anomaly detection using amplitude estimation. Physica A: Statistical Mechanics and Its Applications, 2022, 604, 127936.	2.6	15
5	ESPQuery: An Enhanced Secure Scheme for Privacy-Preserving Query Based on Untrusted Devices in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 7229-7240.	8.7	1
6	Variational quantum algorithm for the Poisson equation. Physical Review A, 2021, 104, .	2.5	48
7	Block-encoding-based quantum algorithm for linear systems with displacement structures. Physical Review A, 2021, 104, .	2.5	16
8	An Adaptive Encryption-as-a-Service Architecture Based on Fog Computing for Real-Time Substation Communications. IEEE Transactions on Industrial Informatics, 2020, 16, 658-668.	11.3	14
9	Improved quantum algorithm for A-optimal projection. Physical Review A, 2020, 102, .	2.5	27
10	An Efficient Attribute-Based Multi-Keyword Search Scheme in Encrypted Keyword Generation. IEEE Access, 2020, 8, 99024-99036.	4.2	11
11	Full quantum one€way function for quantum cryptography. Quantum Engineering, 2020, 2, e33.	2.5	1
12	Comments on â€œProvable Multicopy Dynamic Data Possession in Cloud Computing Systemsâ€. IEEE Transactions on Information Forensics and Security, 2020, 15, 2584-2586.	6.9	5
13	Error Tolerance Bound in QKD-Based Quantum Private Query. IEEE Journal on Selected Areas in Communications, 2020, 38, 517-527.	14.0	40
14	Self-Testing of Symmetric Three-Qubit States. IEEE Journal on Selected Areas in Communications, 2020, 38, 589-597.	14.0	5
15	Quantum data compression by principal component analysis. Quantum Information Processing, 2019, 18, 1.	2.2	48
16	Cryptanalysis of multiparty quantum digital signatures. Quantum Information Processing, 2019, 18, 1.	2.2	22
17	An improved quantum algorithm for ridge regression. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	40
18	Quantum private query: A new kind of practical quantum cryptographic protocol. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	106

#	Article	IF	Citations
19	Quantum algorithm for visual tracking. Physical Review A, 2019, 99, .	2.5	43
20	Practical quantum private query of blocks based on the two-dimensional QKD system. Quantum Information Processing, 2019, 18, 1.	2.2	10
21	The critical detection efficiency for closing the detection loophole of some modified Bell inequalities. Quantum Information Processing, 2019, 18, 1.	2.2	0
22	Analytic robustness bound for self-testing of the singlet with two binary measurements. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 457.	2.1	3
23	A Generic Construction of Quantum-Oblivious-Key-Transfer-Based Private Query with Ideal Database Security and Zero Failure. IEEE Transactions on Computers, 2018, 67, 2-8.	3.4	128
24	Asymptotic quantum algorithm for the Toeplitz systems. Physical Review A, 2018, 97, .	2.5	37
25	Quantum algorithm for association rules mining. Physical Review A, 2016, 94, .	2.5	56
26	Practical quantum private query with better performance in resisting joint-measurement attack. Physical Review A, 2016, 93, .	2.5	123
27	QKD-based quantum private query without a failure probability. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	5.1	95
28	Postprocessing of the Oblivious Key in Quantum Private Query. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 98-108.	2.9	70
29	Practical quantum private query of blocks based on unbalanced-state Bennett-Brassard-1984 quantum-key-distribution protocol. Scientific Reports, 2014, 4, 7537.	3.3	55
30	Flexible quantum private queries based on quantum key distribution. Optics Express, 2012, 20, 17411.	3.4	136