Fei Gao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3135870/publications.pdf

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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	Flexible quantum private queries based on quantum key distribution. Optics Express, 2012, 20, 17411.	3.4	136
2	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
3	Practical quantum private query with better performance in resisting joint-measurement attack. Physical Review A, 2016, 93, .	2.5	123
4	Quantum private query: A new kind of practical quantum cryptographic protocol. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	106
5	QKD-based quantum private query without a failure probability. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	5.1	95
6	Postprocessing of the Oblivious Key in Quantum Private Query. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 98-108.	2.9	70
7	Quantum algorithm for association rules mining. Physical Review A, 2016, 94, .	2.5	56
8	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
9	Quantum data compression by principal component analysis. Quantum Information Processing, 2019, 18, 1.	2.2	48
10	Variational quantum algorithm for the Poisson equation. Physical Review A, 2021, 104, .	2.5	48
11	Quantum algorithm for visual tracking. Physical Review A, 2019, 99, .	2.5	43
12	An improved quantum algorithm for ridge regression. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	40
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	Asymptotic quantum algorithm for the Toeplitz systems. Physical Review A, 2018, 97, .	2.5	37
15	Improved quantum algorithm for A-optimal projection. Physical Review A, 2020, 102, .	2.5	27
16	Cryptanalysis of multiparty quantum digital signatures. Quantum Information Processing, 2019, 18, 1.	2.2	22
17	Block-encoding-based quantum algorithm for linear systems with displacement structures. Physical Review A, 2021, 104, .	2.5	16
18	Practical Attribute-Based Multi-Keyword Ranked Search Scheme in Cloud Computing. IEEE Transactions on Services Computing, 2022, 15, 724-735.	4.6	15

#	Article	IF	Citations
19	Quantum algorithms for anomaly detection using amplitude estimation. Physica A: Statistical Mechanics and Its Applications, 2022, 604, 127936.	2.6	15
20	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
21	An Efficient Attribute-Based Multi-Keyword Search Scheme in Encrypted Keyword Generation. IEEE Access, 2020, 8, 99024-99036.	4.2	11
22	Practical quantum private query of blocks based on the two-dimensional QKD system. Quantum Information Processing, 2019, 18, 1.	2.2	10
23	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
24	Self-Testing of Symmetric Three-Qubit States. IEEE Journal on Selected Areas in Communications, 2020, 38, 589-597.	14.0	5
25	Public Key Encryption With Equality Test Supporting Flexible Designated Authorization in Cloud Storage. IEEE Systems Journal, 2022, 16, 1460-1470.	4.6	4
26	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
27	Quantum Attacks on 1K-AES and PRINCE. Computer Journal, 2023, 66, 1102-1110.	2.4	3
28	Full quantum oneâ€way function for quantum cryptography. Quantum Engineering, 2020, 2, e33.	2.5	1
29	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
30	The critical detection efficiency for closing the detection loophole of some modified Bell inequalities. Quantum Information Processing, 2019, 18, 1.	2.2	0