Yong Yu

List of Publications by Year
in descending order

62 papers	**1,966** citations	279798 **23** h-index	254184 **43** g-index
62 all docs	**62** docs citations	**62** times ranked	**1495** citing authors

#	Article	IF	Citations
1	Identity-Based Remote Data Integrity Checking With Perfect Data Privacy Preserving for Cloud Storage. IEEE Transactions on Information Forensics and Security, 2017, 12, 767-778.	6.9	342
2	Blockchain-Based Solutions to Security and Privacy Issues in the Internet of Things. IEEE Wireless Communications, 2018, 25, 12-18.	9.0	215
3	Fuzzy Identity-Based Data Integrity Auditing for Reliable Cloud Storage Systems. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 72-83.	5.4	165
4	Machine learning based privacy-preserving fair data trading in big data market. Information Sciences, 2019, 478, 449-460.	6.9	98
5	Efficient attribute-based encryption with attribute revocation for assured data deletion. Information Sciences, 2019, 479, 640-650.	6.9	93
6	Secure Pub-Sub: Blockchain-Based Fair Payment With Reputation for Reliable Cyber Physical Systems. IEEE Access, 2018, 6, 12295-12303.	4.2	76
7	Assured Data Deletion With Fine-Grained Access Control for Fog-Based Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 4538-4547.	11.3	66
8	Traceable Monero: Anonymous Cryptocurrency with Enhanced Accountability. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 679-691.	5.4	65
9	Enhanced privacy of a remote data integrity-checking protocol for secure cloud storage. International Journal of Information Security, 2015, 14, 307-318.	3.4	64
10	On the Security of an Efficient Dynamic Auditing Protocol in Cloud Storage. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2760-2761.	5.6	59
11	Blockchain-Based Dynamic Provable Data Possession for Smart Cities. IEEE Internet of Things Journal, 2020, 7, 4143-4154.	8.7	59
12	Blockchain-Based Anonymous Authentication With Selective Revocation for Smart Industrial Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 3290-3300.	11.3	55
13	A Blockchain-Based Self-Tallying Voting Protocol in Decentralized IoT. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 119-130.	5.4	50
14	Improved Security of a Pairing-Free Certificateless Aggregate Signature in Healthcare Wireless Medical Sensor Networks. IEEE Internet of Things Journal, 2020, 7, 5256-5266.	8.7	50
15	Provable multiple replication data possession with full dynamics for secure cloud storage. Concurrency Computation Practice and Experience, 2016, 28, 1161-1173.	2.2	49
16	Comments on a Public Auditing Mechanism for Shared Cloud Data Service. IEEE Transactions on Services Computing, 2015, 8, 998-999.	4.6	37
17	Toward Data Security in Edge Intelligent IIoT. IEEE Network, 2019, 33, 20-26.	6.9	37
18	Blockchain based privacy-preserving software updates with proof-of-delivery for Internet of Things. Journal of Parallel and Distributed Computing, 2019, 132, 141-149.	4.1	37

#	Article	IF	Citations
19	IntegrityChain: Provable Data Possession for Decentralized Storage. IEEE Journal on Selected Areas in Communications, 2020, 38, 1205-1217.	14.0	34
20	Key-Policy Attribute-Based Encryption With Keyword Search in Virtualized Environments. IEEE Journal on Selected Areas in Communications, 2020, 38, 1242-1251.	14.0	32
21	Efficient public key encryption with revocable keyword search. Security and Communication Networks, 2014, 7, 466-472.	1.5	29
22	A Blockchain-Based Traceable Self-Tallying E-Voting Protocol in AI Era. IEEE Transactions on Network Science and Engineering, 2021, 8, 1019-1032.	6.4	27
23	Comments on â€œPublic Integrity Auditing for Dynamic Data Sharing With Multiuser Modificationâ€. IEEE Transactions on Information Forensics and Security, 2016, 11, 658-659.	6.9	25
24	LRCoin: Leakage-Resilient Cryptocurrency Based on Bitcoin for Data Trading in IoT. IEEE Internet of Things Journal, 2019, 6, 4702-4710.	8.7	21
25	Toward Decentralized Fair Data Trading Based on Blockchain. IEEE Network, 2021, 35, 304-310.	6.9	14
26	Identity-Based Provable Data Possession From RSA Assumption for Secure Cloud Storage. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1753-1769.	5.4	13
27	Secure outsourced data transfer with integrity verification in cloud storage. , 2016, , .		12
28	Improved dynamic remote data auditing protocol for smart city security. Personal and Ubiquitous Computing, 2017, 21, 911-921.	2.8	12
29	Short computational Diffieâ€"Hellmanâ€"based proxy signature scheme in the standard model. International Journal of Communication Systems, 2014, 27, 1894-1907.	2.5	10
30	A novel construction of SDVS with secure disavowability. Cluster Computing, 2013, 16, 807-815.	5.0	9
31	Provable Data Possession Supporting Secure Data Transfer for Cloud Storage. , 2015, , .		8
32	A Bignum Network Coding Scheme for Multipath Transmission in Vehicular Networks. , 2018, , .		8
33	Blockchain-Based Auditable Privacy-Preserving Data Classification for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 2468-2484.	8.7	8
34	An efficient identity-based anonymous signcryption scheme. Wuhan University Journal of Natural Sciences, 2008, 13, 670-674.	0.4	7
35	SDIVIP^2: shared data integrity verification with identity privacy preserving in mobile clouds. Concurrency Computation Practice and Experience, 2016, 28, 2877-2888.	2.2	7
36	On the Security of an Identity-Based Proxy Signature Scheme in the Standard Model. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 721-723.	0.3	6

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37	An efficient ID-based ring signcryption scheme. , 2008, , .		5
38	A Secure Scalar Product Protocol Against Malicious Adversaries. Journal of Computer Science and Technology, 2013, 28, 152-158.	1.5	5
39	Device-invisible two-factor authenticated key agreement protocol for BYOD. , 2016, , .		5
40	Achieving public verifiability and data dynamics for cloud data in the standard model. Cluster Computing, 2017, 20, 2641-2653.	5.0	5
41	PrivCrowd: A Secure Blockchain-Based Crowdsourcing Framework with Fine-Grained Worker Selection. Wireless Communications and Mobile Computing, 2021, 2021, 1-17.	1.2	5
42	Novel Smooth Hash Proof Systems Based on Lattices. Computer Journal, 2018, 61, 561-574.	2.4	4
43	Structural Key Recovery of Simple Matrix Encryption Scheme Family. Computer Journal, 2018, 61, 1880-1896.	2.4	4
44	An alternative approach to public cloud data auditing supporting data dynamics. Soft Computing, 2019, 23, 4939-4953.	3.6	4
45	Efficient chosen-ciphertext secure hybrid encryption scheme tolerating continuous leakage attacks. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2019, 42, 39-47.	1.1	4
46	Identity Based Multi-proxy Multi-signcryption Scheme for Electronic Commerce. , 2009, , .		3
47	A Secure and Efficient E-Cheque Protocol from Chameleon Hash Function. , 2013, , .		3
48	One-Round Attribute-Based Key Exchange in the Multi-Party Setting. International Journal of Foundations of Computer Science, 2017, 28, 725-742.	1.1	3
49	Leakage-Resilient Certificateless Signcryption Scheme. , 2019, , .		3
50	Blockchainâ€based privacyâ€preserving valet parking for selfâ€driving vehicles. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4239.	3.9	3
51	A Strong Designated Verifier Signature Scheme with Secure Disavowability. , 2012, , .		2
52	Updatable Identity-Based Hash Proof System Based on Lattices and Its Application to Leakage-Resilient Public-Key Encryption Schemes. Journal of Computer Science and Technology, 2018, 33, 1243-1260.	1.5	2
53	HyperMaze: Towards Privacy-Preserving and Scalable Permissioned Blockchain. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 360-376.	5.4	2
54	Analysis and Improvement of a Proxy Blind Multi-signature Scheme without a Secure Channel. , 2009, , .		1

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55	Private Set Intersection via Public Key Encryption with Multiple Keywords Search. , 2013, , .		1
56	A New Construction of Proxy Signature Using Chameleon Hash Function. , 2013, , .		1
57	An Approach Enabling Various Queries on Encrypted Industrial Data Stream. Security and Communication Networks, 2019, 2019, 1-12.	1.5	1
58	Concise Mercurial Subvector Commitments: Definitions andÂConstructions. Lecture Notes in Computer Science, 2021, , 353-371.	1.3	1
59	Further Analysis of a Practical Hierarchical Identity-Based Encryption Scheme. IEICE Transactions on Information and Systems, 2012, E95.D, 1690-1693.	0.7	0
60	Further Cryptanalysis of a Signature Scheme with Message Recovery. , 2012, , .		0
61	Preface: Special Issue Cryptography and Provable Security. International Journal of Foundations of Computer Science, 2019, 30, 489-492.	1.1	0
62	An Efficient Anonymous Authentication Scheme Based on Double Authentication Preventing Signature for Mobile Healthcare Crowd Sensing. Lecture Notes in Computer Science, 2019, , 626-636.	1.3	0