

Huaqun Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1078986/publications.pdf>

Version: 2024-02-01

90
papers

3,380
citations

147801

31
h-index

155660

55
g-index

90
all docs

90
docs citations

90
times ranked

2244
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient blockchain-based batch verification scheme for vehicular ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	14
2	VFL: A Verifiable Federated Learning With Privacy-Preserving for Big Data in Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 3316-3326.	11.3	86
3	An Efficient Privacy-Preserving Aggregation Scheme for Multidimensional Data in IoT. IEEE Internet of Things Journal, 2022, 9, 589-600.	8.7	18
4	Checking Only When It Is Necessary: Enabling Integrity Auditing Based on the Keyword With Sensitive Information Privacy for Encrypted Cloud Data. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3774-3789.	5.4	31
5	Decentralized Attribute-Based Server-Aid Signature in the Internet of Things. IEEE Internet of Things Journal, 2022, 9, 4573-4583.	8.7	13
6	NPP: A New Privacy-Aware Public Auditing Scheme for Cloud Data Sharing with Group Users. IEEE Transactions on Big Data, 2022, 8, 14-24.	6.1	72
7	Integrated Blockchain and Cloud Computing Systems: A Systematic Survey, Solutions, and Challenges. ACM Computing Surveys, 2022, 54, 1-36.	23.0	16
8	A Keyword-Grouping Inverted Index Based Multi-Keyword Ranked Search Scheme Over Encrypted Cloud Data. IEEE Transactions on Sustainable Computing, 2022, 7, 561-578.	3.1	6
9	Secure, Efficient, and Weighted Access Control for Cloud-Assisted Industrial IoT. IEEE Internet of Things Journal, 2022, 9, 16917-16927.	8.7	15
10	Synchronized Provable Data Possession Based on Blockchain for Digital Twin. IEEE Transactions on Information Forensics and Security, 2022, 17, 472-485.	6.9	20
11	Blockchain-Based Privacy-Preserving and Rewarding Private Data Sharing for IoT. IEEE Internet of Things Journal, 2022, 9, 15138-15149.	8.7	55
12	Privacy-Preserving Classification in Multiple clouds eHealthcare. IEEE Transactions on Services Computing, 2022, , 1-1.	4.6	0
13	HO-HSC: Outsourced Online/Offline Hybrid Signcryption for Wireless Body Area Networks. IEEE Transactions on Network and Service Management, 2022, 19, 2421-2433.	4.9	6
14	The Security of Blockchain-Based Medical Systems: Research Challenges and Opportunities. IEEE Systems Journal, 2022, 16, 5741-5752.	4.6	7
15	A Blockchain-Assisted Privacy-Aware Authentication Scheme for Internet of Medical Things. IEEE Internet of Things Journal, 2022, 9, 21838-21850.	8.7	22
16	A Secure and Efficient Multiserver Authentication and Key Agreement Protocol for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 24398-24416.	8.7	12
17	Provable Data Possession with Outsourced Data Transfer. IEEE Transactions on Services Computing, 2021, 14, 1929-1939.	4.6	41
18	A Blockchain-Based Proxy Re-Encryption With Equality Test for Vehicular Communication Systems. IEEE Transactions on Network Science and Engineering, 2021, 8, 2048-2059.	6.4	22

#	ARTICLE	IF	CITATIONS
19	An Efficient and Privacy-Preserving Outsourced Support Vector Machine Training for Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 458-473.	8.7	46
20	Fuzzy-Based Trustworthiness Evaluation Scheme for Privilege Management in Vehicular Ad Hoc Networks. IEEE Transactions on Fuzzy Systems, 2021, 29, 137-147.	9.8	10
21	Efficient Certificateless Multi-Copy Integrity Auditing Scheme Supporting Data Dynamics. IEEE Transactions on Dependable and Secure Computing, 2021, , 1-1.	5.4	22
22	Blockchain-based multi-party proof of assets with privacy preservation. Information Sciences, 2021, 547, 609-621.	6.9	11
23	Multicopy provable data possession scheme supporting data dynamics for cloud-based Electronic Medical Record system. Information Sciences, 2021, 545, 254-276.	6.9	36
24	Permissioned Blockchain-Based Anonymous and Traceable Aggregate Signature Scheme for Industrial Internet of Things. IEEE Internet of Things Journal, 2021, 8, 8387-8398.	8.7	23
25	Application-Oriented Block Generation for Consortium Blockchain-Based IoT Systems With Dynamic Device Management. IEEE Internet of Things Journal, 2021, 8, 7874-7888.	8.7	17
26	RDIC: A blockchain-based remote data integrity checking scheme for IoT in 5G networks. Journal of Parallel and Distributed Computing, 2021, 152, 1-10.	4.1	20
27	Toward Verifiable Phrase Search Over Encrypted Cloud-Based IoT Data. IEEE Internet of Things Journal, 2021, 8, 12902-12918.	8.7	8
28	Designated-verifier proof of assets for bitcoin exchange using elliptic curve cryptography. Future Generation Computer Systems, 2020, 107, 854-862.	7.5	34
29	VOD-ADAC: Anonymous Distributed Fine-Grained Access Control Protocol with Verifiable Outsourced Decryption in Public Cloud. IEEE Transactions on Services Computing, 2020, 13, 572-583.	4.6	36
30	White-Box Implementation of Shamir's Identity-Based Signature Scheme. IEEE Systems Journal, 2020, 14, 1820-1829.	4.6	6
31	Blockchain-Based Anonymous Reporting Scheme With Anonymous Rewarding. IEEE Transactions on Engineering Management, 2020, 67, 1514-1524.	3.5	21
32	Lightweight Collaborative Authentication With Key Protection for Smart Electronic Health Record System. IEEE Sensors Journal, 2020, 20, 2181-2196.	4.7	22
33	Lightweight Certificate-Based Public/Private Auditing Scheme Based on Bilinear Pairing for Cloud Storage. IEEE Access, 2020, 8, 2258-2271.	4.2	18
34	A Blockchain-Based Searchable Public-Key Encryption With Forward and Backward Privacy for Cloud-Assisted Vehicular Social Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5813-5825.	6.3	64
35	Multi-party key generation protocol for the identity-based signature scheme in the IEEE P1363 standard for public key cryptography. IET Information Security, 2020, 14, 724-732.	1.7	6
36	Privacy-Preserving and Distributed Algorithms for Modular Exponentiation in IoT With Edge Computing Assistance. IEEE Internet of Things Journal, 2020, 7, 8769-8779.	8.7	26

#	ARTICLE	IF	CITATIONS
37	SecureNLP: A System for Multi-Party Privacy-Preserving Natural Language Processing. IEEE Transactions on Information Forensics and Security, 2020, 15, 3709-3721.	6.9	41
38	Privacy-Preserving Federated Learning in Fog Computing. IEEE Internet of Things Journal, 2020, 7, 10782-10793.	8.7	145
39	RNN-DP: A new differential privacy scheme base on Recurrent Neural Network for Dynamic trajectory privacy protection. Journal of Network and Computer Applications, 2020, 168, 102736.	9.1	17
40	A novel proxy-oriented public auditing scheme for cloud-based medical cyber physical systems. Journal of Information Security and Applications, 2020, 51, 102453.	2.5	14
41	Efficient and Secure Outsourcing Scheme for RSA Decryption in Internet of Things. IEEE Internet of Things Journal, 2020, 7, 6868-6881.	8.7	18
42	Privacy-preserving incentive and rewarding scheme for crowd computing in social media. Information Sciences, 2019, 470, 15-27.	6.9	13
43	A Distributed Access Control with Outsourced Computation in Fog Computing. Security and Communication Networks, 2019, 2019, 1-10.	1.5	2
44	Cloud-Assisted EHR Sharing With Security and Privacy Preservation via Consortium Blockchain. IEEE Access, 2019, 7, 136704-136719.	4.2	138
45	Blockchain-Based Private Provable Data Possession. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	5.4	25
46	Fine-grained multi-authority access control in IoT-enabled mHealth. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 389-400.	2.5	24
47	An Efficient and Provably Secure Authenticated Key Agreement Protocol for Fog-Based Vehicular Ad-Hoc Networks. IEEE Internet of Things Journal, 2019, 6, 8065-8075.	8.7	132
48	BBARS: Blockchain-Based Anonymous Rewarding Scheme for V2G Networks. IEEE Internet of Things Journal, 2019, 6, 3676-3687.	8.7	58
49	Incentive and Unconditionally Anonymous Identity-Based Public Provable Data Possession. IEEE Transactions on Services Computing, 2019, 12, 824-835.	4.6	74
50	Certificateless Provable Data Possession Scheme for Cloud-Based Smart Grid Data Management Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 1232-1241.	11.3	67
51	A Provably-Secure Cross-Domain Handshake Scheme with Symptoms-Matching for Mobile Healthcare Social Network. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 633-645.	5.4	103
52	PAT: A precise reward scheme achieving anonymity and traceability for crowdcomputing in public clouds. Future Generation Computer Systems, 2018, 79, 262-270.	7.5	6
53	Anonymous and secure aggregation scheme in fog-based public cloud computing. Future Generation Computer Systems, 2018, 78, 712-719.	7.5	127
54	Identity-based non-repudiable dynamic provable data possession in cloud storage. Computers and Electrical Engineering, 2018, 69, 521-533.	4.8	31

#	ARTICLE	IF	CITATIONS
55	Anonymous biometrics-based authentication scheme with key distribution for mobile multi-server environment. <i>Future Generation Computer Systems</i> , 2018, 84, 239-251.	7.5	67
56	An Anonymous Multireceiver with Online/Offline Identity-Based Encryption. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-10.	1.2	1
57	Security and Privacy Challenges for Internet-of-Things and Fog Computing. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-3.	1.2	17
58	Anonymous Data Sharing Scheme in Public Cloud and Its Application in E-Health Record. <i>IEEE Access</i> , 2018, 6, 27818-27826.	4.2	11
59	A Novel Secure Scheme for Supporting Complex SQL Queries over Encrypted Databases in Cloud Computing. <i>Security and Communication Networks</i> , 2018, 2018, 1-15.	1.5	8
60	Efficient certificateless anonymous multi-receiver encryption scheme for mobile devices. <i>Soft Computing</i> , 2017, 21, 6801-6810.	3.6	41
61	Strong Key-Exposure Resilient Auditing for Secure Cloud Storage. <i>IEEE Transactions on Information Forensics and Security</i> , 2017, 12, 1931-1940.	6.9	104
62	Privacy-preserving certificateless provable data possession scheme for big data storage on cloud. <i>Applied Mathematics and Computation</i> , 2017, 314, 31-43.	2.2	49
63	Balanced anonymity and traceability for outsourcing small-scale data linear aggregation in the smart grid. <i>IET Information Security</i> , 2017, 11, 131-138.	1.7	4
64	Two-Factor Data Access Control With Efficient Revocation for Multi-Authority Cloud Storage Systems. <i>IEEE Access</i> , 2017, 5, 393-405.	4.2	36
65	Insecurity of an identity-based public auditing protocol for the outsourced data in cloud storage. <i>Information Sciences</i> , 2017, 375, 48-53.	6.9	35
66	Optimized Charging Scheduling with Single Mobile Charger for Wireless Rechargeable Sensor Networks. <i>Symmetry</i> , 2017, 9, 285.	2.2	21
67	Proxy Provable Data Possession with General Access Structure in Public Clouds. <i>Lecture Notes in Computer Science</i> , 2016, , 283-300.	1.3	2
68	Lightweight anonymous key distribution scheme for smart grid using elliptic curve cryptography. <i>IET Communications</i> , 2016, 10, 1795-1802.	2.2	107
69	A group key-policy attribute-based encryption with partial outsourcing decryption in wireless sensor networks. <i>Security and Communication Networks</i> , 2016, 9, 4138-4150.	1.5	8
70	Remote Data Integrity Checking and Sharing in Cloud-Based Health Internet of Things. <i>IEICE Transactions on Information and Systems</i> , 2016, E99.D, 1966-1973.	0.7	19
71	Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud. <i>IEEE Transactions on Information Forensics and Security</i> , 2016, 11, 1165-1176.	6.9	147
72	Private Certificate-Based Remote Data Integrity Checking in Public Clouds. <i>Lecture Notes in Computer Science</i> , 2015, , 575-586.	1.3	8

#	ARTICLE	IF	CITATIONS
73	Anonymous multi-receiver remote data retrieval for pay-TV in public clouds. IET Information Security, 2015, 9, 108-118.	1.7	4
74	TPP: Traceable Privacy-Preserving Communication and Precise Reward for Vehicle-to-Grid Networks in Smart Grids. IEEE Transactions on Information Forensics and Security, 2015, 10, 2340-2351.	6.9	66
75	Identity-Based Distributed Provable Data Possession in Multicloud Storage. IEEE Transactions on Services Computing, 2015, 8, 328-340.	4.6	239
76	Provably Secure Anonymous Multi-receiver Identity-Based Encryption with Shorter Ciphertext. , 2014, , .		2
77	An anonymous data aggregation scheme for smart grid systems. Security and Communication Networks, 2014, 7, 602-610.	1.5	36
78	On the Knowledge Soundness of a Cooperative Provable Data Possession Scheme in Multicloud Storage. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 264-267.	5.6	49
79	Identity-based remote data possession checking in public clouds. IET Information Security, 2014, 8, 114-121.	1.7	137
80	FRR: Fair remote retrieval of outsourced private medical records in electronic health networks. Journal of Biomedical Informatics, 2014, 50, 226-233.	4.3	39
81	Simultaneous authentication and secrecy in identity-based data upload to cloud. Cluster Computing, 2013, 16, 845-859.	5.0	14
82	Proxy Provable Data Possession in Public Clouds. IEEE Transactions on Services Computing, 2013, 6, 551-559.	4.6	167
83	Analysis and Improvements of Two Identity Based Anonymous Signcryption Schemes for Multiple Receivers. , 2012, , .		4
84	An Improved Binary Authentication Tree Algorithm for Vehicular Networks. , 2012, , .		5
85	A New Identity Based Signcryption Scheme in the Standard Model. , 2012, , .		4
86	On the Security of a Ticket-Based Anonymity System with Traceability Property in Wireless Mesh Networks. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 443-446.	5.4	2
87	A Novel Signer-Admission Ring Signature Scheme from Bilinear Pairings. , 2009, , .		0
88	Cryptanalysis and Improvement of Shacham-Waters Ring Signature Scheme. , 2008, , .		0
89	Cryptanalysis and Improvement of a Constant-Size Identity Based Ring Signature Scheme. , 2007, , .		3
90	Key Management Based on Elliptic Curve Paillier Scheme in Ad Hoc Networks. , 2007, , .		7