

Wenjing Lou

List of Publications by Year in descending order

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57
papers

5,615
citations

331259

21
h-index

253896

43
g-index

57
all docs

57
docs citations

57
times ranked

3539
citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy-Preserving Public Auditing for Secure Cloud Storage. IEEE Transactions on Computers, 2013, 62, 362-375.	2.4	980
2	Privacy-Preserving Multi-Keyword Ranked Search over Encrypted Cloud Data. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 222-233.	4.0	838
3	A Survey of Distributed Consensus Protocols for Blockchain Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1432-1465.	24.8	470
4	Toward Secure and Dependable Storage Services in Cloud Computing. IEEE Transactions on Services Computing, 2012, 5, 220-232.	3.2	412
5	Secure Deduplication with Efficient and Reliable Convergent Key Management. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1615-1625.	4.0	409
6	Enabling Secure and Efficient Ranked Keyword Search over Outsourced Cloud Data. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1467-1479.	4.0	408
7	A Hybrid Cloud Approach for Secure Authorized Deduplication. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1206-1216.	4.0	312
8	New Algorithms for Secure Outsourcing of Modular Exponentiations. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2386-2396.	4.0	241
9	Verifiable Computation over Large Database with Incremental Updates. IEEE Transactions on Computers, 2016, 65, 3184-3195.	2.4	224
10	New Publicly Verifiable Databases with Efficient Updates. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 546-556.	3.7	210
11	New Algorithms for Secure Outsourcing of Large-Scale Systems of Linear Equations. IEEE Transactions on Information Forensics and Security, 2015, 10, 69-78.	4.5	192
12	Searchable Symmetric Encryption with Forward Search Privacy. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 460-474.	3.7	126
13	Jamming Resilient Communication Using MIMO Interference Cancellation. IEEE Transactions on Information Forensics and Security, 2016, 11, 1486-1499.	4.5	84
14	Secure and Efficient Cloud Data Deduplication With Randomized Tag. IEEE Transactions on Information Forensics and Security, 2017, 12, 532-543.	4.5	76
15	Throughput Analysis of Cooperative Mobile Content Distribution in Vehicular Network using Symbol Level Network Coding. IEEE Journal on Selected Areas in Communications, 2012, 30, 484-492.	9.7	59
16	A Deep-Reinforcement-Learning-Based Approach to Dynamic eMBB/URLLC Multiplexing in 5G NR. IEEE Internet of Things Journal, 2020, 7, 6439-6456.	5.5	47
17	Efficient and Secure Outsourcing of Differentially Private Data Publishing With Multiple Evaluators. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 67-76.	3.7	45
18	Location Based Handshake and Private Proximity Test with Location Tags. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 406-419.	3.7	34

#	ARTICLE	IF	CITATIONS
19	Towards Efficient Fine-Grained Access Control and Trustworthy Data Processing for Remote Monitoring Services in IoT. IEEE Transactions on Information Forensics and Security, 2019, 14, 1830-1842.	4.5	34
20	Publicly Verifiable Computation of Polynomials Over Outsourced Data With Multiple Sources. IEEE Transactions on Information Forensics and Security, 2017, 12, 2334-2347.	4.5	32
21	MAS-Encryption and its Applications in Privacy-Preserving Classifiers. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2306-2323.	4.0	24
22	Aol Scheduling with Maximum Thresholds. , 2020, , .		24
23	NPMML: A Framework for Non-interactive Privacy-preserving Multi-party Machine Learning. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	3.7	21
24	GPF. , 2018, , .		21
25	Kronos: A 5G Scheduler for Aol Minimization Under Dynamic Channel Conditions. , 2019, , .		20
26	Secure three-party computational protocols for triangle area. International Journal of Information Security, 2016, 15, 1-13.	2.3	19
27	Decentralized Spectrum Access System: Vision, Challenges, and a Blockchain Solution. IEEE Wireless Communications, 2022, 29, 220-228.	6.6	18
28	Offloading Decision in Edge Computing for Continuous Applications Under Uncertainty. IEEE Transactions on Wireless Communications, 2020, 19, 6196-6209.	6.1	16
29	On energy efficiency of geographic opportunistic routing in lossy multihop wireless networks. Wireless Networks, 2012, 18, 967-983.	2.0	15
30	Highly Efficient Known-Plaintext Attacks Against Orthogonal Blinding Based Physical Layer Security. IEEE Wireless Communications Letters, 2015, 4, 34-37.	3.2	14
31	Memory Forensic Challenges Under Misused Architectural Features. IEEE Transactions on Information Forensics and Security, 2018, 13, 2345-2358.	4.5	14
32	Game Theoretical Analysis on Encrypted Cloud Data Deduplication. IEEE Transactions on Industrial Informatics, 2019, 15, 5778-5789.	7.2	14
33	A Dynamic Deep-Learning-Based Virtual Edge Node Placement Scheme for Edge Cloud Systems in Mobile Environment. IEEE Transactions on Cloud Computing, 2022, 10, 1317-1328.	3.1	14
34	mCore: Achieving Sub-millisecond Scheduling for 5G MU-MIMO Systems. , 2021, , .		13
35	A Practical Downlink NOMA Scheme for Wireless LANs. IEEE Transactions on Communications, 2020, 68, 2236-2250.	4.9	12
36	Challenges and New Directions in Securing Spectrum Access Systems. IEEE Internet of Things Journal, 2021, 8, 6498-6518.	5.5	11

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37	Minimizing AoI in a 5G-Based IoT Network Under Varying Channel Conditions. IEEE Internet of Things Journal, 2021, 8, 14543-14558.	5.5	11
38	Coping Uncertainty in Coexistence via Exploitation of Interference Threshold Violation. , 2019, , .		11
39	Turbo-HB: A Novel Design and Implementation to Achieve Ultra-Fast Hybrid Beamforming. , 2020, , .		10
40	Scheduling With Age of Information Guarantee. IEEE/ACM Transactions on Networking, 2022, 30, 2046-2059.	2.6	10
41	CodePlay: Live Multimedia Streaming in VANETs Using Symbol-Level Network Coding. IEEE Transactions on Wireless Communications, 2012, , 1-8.	6.1	9
42	Throughput Maximization for Multi-Hop Wireless Networks with Network-Wide Energy Constraint. IEEE Transactions on Wireless Communications, 2013, 12, 1255-1267.	6.1	9
43	A Deep-Learning-based Link Adaptation Design for eMBB/URLLC Multiplexing in 5G NR. , 2021, , .		9
44	DELUXE: A DL-Based Link Adaptation for URLLC/eMBB Multiplexing in 5G NR. IEEE Journal on Selected Areas in Communications, 2022, 40, 143-162.	9.7	8
45	Achieving Fair LTE/Wi-Fi Coexistence with Real-Time Scheduling. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 366-380.	4.9	7
46	A Real-Time Solution for Underlay Coexistence with Channel Uncertainty. , 2019, , .		6
47	GPU: A New Enabling Platform for Real-Time Optimization in Wireless Networks. IEEE Network, 2020, 34, 77-83.	4.9	6
48	Optimal Channel Allocation in the CBRS Band with Shipborne Radar Incumbents. , 2021, , .		4
49	CURT: A Real-Time Scheduling Algorithm for Coexistence of LTE and Wi-Fi in Unlicensed Spectrum. , 2018, , .		3
50	GPF+: A Novel Ultrafast GPU-Based Proportional Fair Scheduler for 5G NR. IEEE/ACM Transactions on Networking, 2022, 30, 601-615.	2.6	3
51	On DoF-Based Interference Cancellation Under General Channel Rank Conditions. IEEE/ACM Transactions on Networking, 2020, 28, 1002-1016.	2.6	2
52	New access control systems based on outsourced attribute-based encryption ¹ . Journal of Computer Security, 2015, 23, 659-683.	0.5	1
53	Spectrum attacks aimed at minimizing spectrum opportunities. , 2017, , .		1
54	Maximize Spectrum Efficiency in Underlay Coexistence With Channel Uncertainty. IEEE/ACM Transactions on Networking, 2021, 29, 764-778.	2.6	1

#	ARTICLE	IF	CITATIONS
55	Turbo-HB: A Sub-Millisecond Hybrid Beamforming Design for 5G mmWave Systems. IEEE Transactions on Mobile Computing, 2023, 22, 4332-4346.	3.9	1
56	On DoF Conservation in MIMO Interference Cancellation Based on Signal Strength in the Eigenspace. IEEE Transactions on Mobile Computing, 2023, 22, 2862-2877.	3.9	0
57	Achieving Real-Time Spectrum Sharing in 5G Underlay Coexistence With Channel Uncertainty. IEEE Transactions on Mobile Computing, 2023, 22, 1922-1937.	3.9	0