

Yanchao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

966
citations

759233

12
h-index

752698

20
g-index

42
all docs

42
docs citations

42
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	MagAuth: Secure and Usable Two-Factor Authentication With Magnetic Wrist Wearables. IEEE Transactions on Mobile Computing, 2023, 22, 311-327.	5.8	3
2	SmartMagnet: Proximity-Based Access Control for IoT Devices With Smartphones and Magnets. IEEE Transactions on Mobile Computing, 2023, 22, 4266-4278.	5.8	0
3	Freshness Authentication for Outsourced Multi-Version Key-Value Stores. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 2071-2084.	5.4	1
4	(In)secure Acoustic Mobile Authentication. IEEE Transactions on Mobile Computing, 2022, 21, 3193-3207.	5.8	2
5	SpecKriging: GNN-Based Secure Cooperative Spectrum Sensing. IEEE Transactions on Wireless Communications, 2022, 21, 9936-9946.	9.2	2
6	Deep Learning-Guided Jamming for Cross-Technology Wireless Networks: Attack and Defense. IEEE/ACM Transactions on Networking, 2021, , 1-11.	3.8	3
7	Verifiable Query Processing Over Outsourced Social Graph. IEEE/ACM Transactions on Networking, 2021, 29, 2313-2326.	3.8	3
8	Secure Outsourced Top-k Selection Queries against Untrusted Cloud Service Providers. , 2021, , .		4
9	Differential Privacy-Preserving User Linkage across Online Social Networks. , 2021, , .		3
10	IndoorWaze: A Crowdsourcing-Based Context-Aware Indoor Navigation System. IEEE Transactions on Wireless Communications, 2020, 19, 5461-5472.	9.2	25
11	KV-Fresh: Freshness Authentication for Outsourced Multi-Version Key-Value Stores. , 2020, , .		4
12	SpecGuard: Spectrum Misuse Detection in Dynamic Spectrum Access Systems. IEEE Transactions on Mobile Computing, 2018, 17, 2925-2938.	5.8	26
13	Privacy-Preserving Crowdsourced Spectrum Sensing. IEEE/ACM Transactions on Networking, 2018, 26, 1236-1249.	3.8	45
14	The Rise of Social Botnets: Attacks and Countermeasures. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 1068-1082.	5.4	45
15	Privacy-Preserving Social Media Data Outsourcing. , 2018, , .		31
16	EyeTell: Video-Assisted Touchscreen Keystroke Inference from Eye Movements. , 2018, , .		24
17	Beware of What You Share: Inferring User Locations in Venmo. IEEE Internet of Things Journal, 2018, 5, 5109-5118.	8.7	7
18	Your face your heart: Secure mobile face authentication with photoplethysmograms. , 2017, , .		21

#	ARTICLE	IF	CITATIONS
19	POWERFUL: Mobile app fingerprinting via power analysis. , 2017, , .		23
20	Privacy-Preserving Spatiotemporal Matching for Secure Device-to-Device Communications. IEEE Internet of Things Journal, 2016, 3, 1048-1060.	8.7	13
21	Privacy-preserving crowdsourced spectrum sensing. , 2016, , .		64
22	A secure hierarchical deduplication system in cloud storage. , 2016, , .		2
23	DPSense. , 2016, , .		36
24	SecureFind: Secure and Privacy-Preserving Object Finding via Mobile Crowdsourcing. IEEE Transactions on Wireless Communications, 2016, 15, 1716-1728.	9.2	32
25	TrueTop: A Sybil-Resilient System for User Influence Measurement on Twitter. IEEE/ACM Transactions on Networking, 2016, 24, 2834-2846.	3.8	38
26	SafeDSA. , 2015, , .		19
27	Your actions tell where you are: Uncovering Twitter users in a metropolitan area. , 2015, , .		11
28	SpecGuard: Spectrum misuse detection in dynamic spectrum access systems. , 2015, , .		21
29	A secure and privacy-preserving payment system for Electric vehicles. , 2015, , .		7
30	Secure Spatial Top-k Query Processing via Untrusted Location-Based Service Providers. IEEE Transactions on Dependable and Secure Computing, 2015, 12, 111-124.	5.4	25
31	TouchIn: Sightless two-factor authentication on multi-touch mobile devices. , 2014, , .		52
32	TIGHT: A Geographic Routing Protocol for Cognitive Radio Mobile Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2014, 13, 4670-4681.	9.2	38
33	Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking. IEEE Journal on Selected Areas in Communications, 2013, 31, 656-668.	14.0	75
34	Privacy-preserving spatiotemporal matching. , 2013, , .		24
35	On the impact of social botnets for spam distribution and digital-influence manipulation. , 2013, , .		23
36	Secure top-k query processing via untrusted location-based service providers. , 2012, , .		29

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37	Distributed Privacy-Preserving Access Control in Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1427-1438.	5.6	46
38	LR-Seluge: Loss-Resilient and Secure Code Dissemination in Wireless Sensor Networks. , 2011, , .		12
39	JR-SND: Jamming-Resilient Secure Neighbor Discovery in Mobile Ad Hoc Networks. , 2011, , .		8
40	SAT: A Security Architecture Achieving Anonymity and Traceability in Wireless Mesh Networks. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 295-307.	5.4	34
41	AOS: an anonymous overlay system for mobile ad hoc networks. Wireless Networks, 2011, 17, 843-859.	3.0	9
42	Fast identification of the missing tags in a large RFID system. , 2011, , .		76