

Jinsong Han

List of Publications by Year in descending order

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62
papers

1,626
citations

567281

15
h-index

477307

29
g-index

62
all docs

62
docs citations

62
times ranked

1240
citing authors

#	ARTICLE	IF	CITATIONS
1	Arbitrator2.0: Preventing Unauthorized Access on Passive Tags. IEEE Transactions on Mobile Computing, 2022, 21, 835-848.	5.8	3
2	A Fingertip Profiled RF Identifier. IEEE Transactions on Mobile Computing, 2022, 21, 392-407.	5.8	0
3	Axial Stress Measurement of Steel Tubes Using Ultrasonic Guided Waves. Sensors, 2022, 22, 3111.	3.8	2
4	Corrections to "HMO: Ordering RFID Tags With Static Devices in Mobile Environments". IEEE Transactions on Mobile Computing, 2021, 20, 1746-1746.	5.8	0
5	HMO: Ordering RFID Tags with Static Devices in Mobile Environments. IEEE Transactions on Mobile Computing, 2020, 19, 74-89.	5.8	13
6	Multi-Variations Activity Based Gaits Recognition Using Commodity WiFi. IEEE Transactions on Vehicular Technology, 2020, 69, 2263-2273.	6.3	30
7	Hu-Fu: Replay-Resilient RFID Authentication. IEEE/ACM Transactions on Networking, 2020, 28, 547-560.	3.8	11
8	Counting Human Objects Using Backscattered Radio Frequency Signals. IEEE Transactions on Mobile Computing, 2019, 18, 1054-1067.	5.8	16
9	Verifiable Smart Packaging with Passive RFID. IEEE Transactions on Mobile Computing, 2019, 18, 1217-1230.	5.8	23
10	Continuous User Authentication by Contactless Wireless Sensing. IEEE Internet of Things Journal, 2019, 6, 8323-8331.	8.7	12
11	Close-Proximity Detection for Hand Approaching Using Backscatter Communication. IEEE Transactions on Mobile Computing, 2019, 18, 2285-2297.	5.8	10
12	RF-Mehndi: A Fingertip Profiled RF Identifier. , 2019, , .		55
13	Towards Replay-resilient RFID Authentication. , 2018, , .		40
14	Trio: Utilizing Tag Interference for Refined Localization of Passive RFID. , 2018, , .		36
15	Preventing Unauthorized Access on Passive Tags. , 2018, , .		22
16	A Platform for Free-Weight Exercise Monitoring with Passive Tags. IEEE Transactions on Mobile Computing, 2017, 16, 3279-3293.	5.8	57
17	RFIPad: Enabling Cost-Efficient and Device-Free In-air Handwriting Using Passive Tags. , 2017, , .		41
18	Task Assignment on Multi-Skill Oriented Spatial Crowdsourcing. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2201-2215.	5.7	143

#	ARTICLE	IF	CITATIONS
19	CBID: A Customer Behavior Identification System Using Passive Tags. IEEE/ACM Transactions on Networking, 2016, 24, 2885-2898.	3.8	72
20	GenePrint: Generic and Accurate Physical-Layer Identification for UHF RFID Tags. IEEE/ACM Transactions on Networking, 2016, 24, 846-858.	3.8	81
21	Twins: Device-Free Object Tracking Using Passive Tags. IEEE/ACM Transactions on Networking, 2016, 24, 1605-1617.	3.8	92
22	Predicting driver lane change intent using HCRF. , 2015, , .		5
23	Human object estimation via backscattered radio frequency signal. , 2015, , .		27
24	WizBee: Wise ZigBee Coexistence via Interference Cancellation with Single Antenna. IEEE Transactions on Mobile Computing, 2015, 14, 2590-2603.	5.8	47
25	Unlocking Smart Phone through Handwaving Biometrics. IEEE Transactions on Mobile Computing, 2015, 14, 1044-1055.	5.8	53
26	Wireless Sensor Networks for Agriculture and Forestry. International Journal of Distributed Sensor Networks, 2015, 11, 845364.	2.2	1
27	Smart Sensing and Mobile Computing. International Journal of Distributed Sensor Networks, 2015, 11, 825036.	2.2	0
28	CBID: A Customer Behavior Identification System Using Passive Tags. , 2014, , .		41
29	Nowhere to hide: An empirical study on hidden UHF RFID tags. , 2014, , .		1
30	Efficient and secure key extraction using channel state information. Journal of Supercomputing, 2014, 70, 1537-1554.	3.6	7
31	KEEP: Fast secret key extraction protocol for D2D communication. , 2014, , .		42
32	Twins: Device-free object tracking using passive tags. , 2014, , .		54
33	OTrack: Towards Order Tracking for Tags in Mobile RFID Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2114-2125.	5.6	33
34	MISS: Multi-dimensional Information Sensing Surveillance for Cold Chain Logistics. , 2013, , .		4
35	Collision-driven physical-layer identification of RFID UHF tags. , 2013, , .		0
36	Wi-Fi Fingerprint Based Indoor Localization without Indoor Space Measurement. , 2013, , .		24

#	ARTICLE	IF	CITATIONS
37	GenePrint: Generic and accurate physical-layer identification for UHF RFID tags. , 2013, , .		1
38	MAP: Towards Authentication for Multiple Tags. International Journal of Distributed Sensor Networks, 2013, 9, 109439.	2.2	3
39	Tracer: Taming Anomalous Events with CRFID Tags for Trajectory Management. International Journal of Distributed Sensor Networks, 2013, 9, 148353.	2.2	2
40	Secure and Efficient Control Transfer for IoT Devices. International Journal of Distributed Sensor Networks, 2013, 9, 503404.	2.2	8
41	Rejecting the attack: Source authentication for Wi-Fi management frames using CSI Information. , 2013, , .		73
42	Dynamic Key-Updating: Privacy-Preserving Authentication for RFID Systems. International Journal of Distributed Sensor Networks, 2012, 8, 153912.	2.2	3
43	Improving Accuracy for 3D RFID Localization. International Journal of Distributed Sensor Networks, 2012, 8, 865184.	2.2	10
44	Mining Frequent Trajectory Patterns for Activity Monitoring Using Radio Frequency Tag Arrays. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 2138-2149.	5.6	94
45	Privacy Leakage in Access Mode: Revisiting Private RFID Authentication Protocols. , 2011, , .		2
46	Rumor Riding: Anonymizing Unstructured Peer-to-Peer Systems. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 464-475.	5.6	34
47	MAP: Authenticating Multiple-Tags. , 2011, , .		1
48	Identification-free batch authentication for RFID tags. , 2010, , .		84
49	Multiscale Representations for Fast Pattern Matching in Stream Time Series. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 568-581.	5.7	20
50	Randomizing RFID private authentication. , 2009, , .		10
51	Road Network Based Adaptive Query Evaluation in VANET. , 2008, , .		6
52	Mutual Anonymity for Mobile P2P Systems. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1009-1019.	5.6	17
53	DHT-assisted probabilistic exhaustive search in unstructured P2P networks. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	6
54	Pseudo Trust: Zero-Knowledge Based Authentication in Anonymous Peer-to-Peer Protocols. , 2007, , .		9

#	ARTICLE	IF	CITATIONS
55	Popularity Adaptive Search in Hybrid P2P Systems. , 2007, , .		2
56	Dynamic Key-Updating: Privacy-Preserving Authentication for RFID Systems. , 2007, , .		93
57	Rumor Riding: Anonymizing Unstructured Peer-to-Peer Systems. , 2006, , .		28
58	Achieving Anonymous Communication in Ad Hoc Networks. , 2006, , .		0
59	Provide Privacy for Mobile P2P Systems. , 0, , .		5
60	TruGrid: A Self-Sustaining Trustworthy Grid. , 0, , .		5
61	Efficient data retrieving in distributed data-streaming environments. , 0, , .		0
62	A Mutual Anonymous Peer-to-Peer Protocol Design. , 0, , .		12