

# 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	Task Assignment on Multi-Skill Oriented Spatial Crowdsourcing. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2201-2215.	5.7	143
2	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
3	Dynamic Key-Updating: Privacy-Preserving Authentication for RFID Systems. , 2007, , .		93
4	Twins: Device-Free Object Tracking Using Passive Tags. IEEE/ACM Transactions on Networking, 2016, 24, 1605-1617.	3.8	92
5	Identification-free batch authentication for RFID tags. , 2010, , .		84
6	GenePrint: Generic and Accurate Physical-Layer Identification for UHF RFID Tags. IEEE/ACM Transactions on Networking, 2016, 24, 846-858.	3.8	81
7	Rejecting the attack: Source authentication for Wi-Fi management frames using CSI Information. , 2013, , .		73
8	CBID: A Customer Behavior Identification System Using Passive Tags. IEEE/ACM Transactions on Networking, 2016, 24, 2885-2898.	3.8	72
9	A Platform for Free-Weight Exercise Monitoring with Passive Tags. IEEE Transactions on Mobile Computing, 2017, 16, 3279-3293.	5.8	57
10	RF-Mehndi: A Fingertip Profiled RF Identifier. , 2019, , .		55
11	Twins: Device-free object tracking using passive tags. , 2014, , .		54
12	Unlocking Smart Phone through Handwaving Biometrics. IEEE Transactions on Mobile Computing, 2015, 14, 1044-1055.	5.8	53
13	WizBee: Wise ZigBee Coexistence via Interference Cancellation with Single Antenna. IEEE Transactions on Mobile Computing, 2015, 14, 2590-2603.	5.8	47
14	KEEP: Fast secret key extraction protocol for D2D communication. , 2014, , .		42
15	CBID: A Customer Behavior Identification System Using Passive Tags. , 2014, , .		41
16	RFIPad: Enabling Cost-Efficient and Device-Free In-air Handwriting Using Passive Tags. , 2017, , .		41
17	Towards Replay-resilient RFID Authentication. , 2018, , .		40
18	Trio: Utilizing Tag Interference for Refined Localization of Passive RFID. , 2018, , .		36

#	ARTICLE	IF	CITATIONS
19	Rumor Riding: Anonymizing Unstructured Peer-to-Peer Systems. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 464-475.	5.6	34
20	OTrack: Towards Order Tracking for Tags in Mobile RFID Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2114-2125.	5.6	33
21	Multi-Variations Activity Based Gaits Recognition Using Commodity WiFi. IEEE Transactions on Vehicular Technology, 2020, 69, 2263-2273.	6.3	30
22	Rumor Riding: Anonymizing Unstructured Peer-to-Peer Systems. , 2006, , .		28
23	Human object estimation via backscattered radio frequency signal. , 2015, , .		27
24	Wi-Fi Fingerprint Based Indoor Localization without Indoor Space Measurement. , 2013, , .		24
25	Verifiable Smart Packaging with Passive RFID. IEEE Transactions on Mobile Computing, 2019, 18, 1217-1230.	5.8	23
26	Preventing Unauthorized Access on Passive Tags. , 2018, , .		22
27	Multiscale Representations for Fast Pattern Matching in Stream Time Series. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 568-581.	5.7	20
28	Mutual Anonymity for Mobile P2P Systems. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1009-1019.	5.6	17
29	Counting Human Objects Using Backscattered Radio Frequency Signals. IEEE Transactions on Mobile Computing, 2019, 18, 1054-1067.	5.8	16
30	HMO: Ordering RFID Tags with Static Devices in Mobile Environments. IEEE Transactions on Mobile Computing, 2020, 19, 74-89.	5.8	13
31	A Mutual Anonymous Peer-to-Peer Protocol Design. , 0, , .		12
32	Continuous User Authentication by Contactless Wireless Sensing. IEEE Internet of Things Journal, 2019, 6, 8323-8331.	8.7	12
33	Hu-Fu: Replay-Resilient RFID Authentication. IEEE/ACM Transactions on Networking, 2020, 28, 547-560.	3.8	11
34	Randomizing RFID private authentication. , 2009, , .		10
35	Improving Accuracy for 3D RFID Localization. International Journal of Distributed Sensor Networks, 2012, 8, 865184.	2.2	10
36	Close-Proximity Detection for Hand Approaching Using Backscatter Communication. IEEE Transactions on Mobile Computing, 2019, 18, 2285-2297.	5.8	10

#	ARTICLE	IF	CITATIONS
37	Pseudo Trust: Zero-Knowledge Based Authentication in Anonymous Peer-to-Peer Protocols. , 2007, , .		9
38	Secure and Efficient Control Transfer for IoT Devices. International Journal of Distributed Sensor Networks, 2013, 9, 503404.	2.2	8
39	Efficient and secure key extraction using channel state information. Journal of Supercomputing, 2014, 70, 1537-1554.	3.6	7
40	Road Network Based Adaptive Query Evaluation in VANET. , 2008, , .		6
41	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
42	Provide Privacy for Mobile P2P Systems. , 0, , .		5
43	TruGrid: A Self-Sustaining Trustworthy Grid. , 0, , .		5
44	Predicting driver lane change intent using HCRF. , 2015, , .		5
45	MISS: Multi-dimensional Information Sensing Surveillance for Cold Chain Logistics. , 2013, , .		4
46	Dynamic Key-Updating: Privacy-Preserving Authentication for RFID Systems. International Journal of Distributed Sensor Networks, 2012, 8, 153912.	2.2	3
47	MAP: Towards Authentication for Multiple Tags. International Journal of Distributed Sensor Networks, 2013, 9, 109439.	2.2	3
48	Arbitrator2.0: Preventing Unauthorized Access on Passive Tags. IEEE Transactions on Mobile Computing, 2022, 21, 835-848.	5.8	3
49	Popularity Adaptive Search in Hybrid P2P Systems. , 2007, , .		2
50	Privacy Leakage in Access Mode: Revisiting Private RFID Authentication Protocols. , 2011, , .		2
51	Tracer: Taming Anomalous Events with CRFID Tags for Trajectory Management. International Journal of Distributed Sensor Networks, 2013, 9, 148353.	2.2	2
52	Axial Stress Measurement of Steel Tubes Using Ultrasonic Guided Waves. Sensors, 2022, 22, 3111.	3.8	2
53	MAP: Authenticating Multiple-Tags. , 2011, , .		1
54	GenePrint: Generic and accurate physical-layer identification for UHF RFID tags. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
55	Nowhere to hide: An empirical study on hidden UHF RFID tags. , 2014, , .		1
56	Wireless Sensor Networks for Agriculture and Forestry. International Journal of Distributed Sensor Networks, 2015, 11, 845364.	2.2	1
57	Efficient data retrieving in distributed data-streaming environments. , 0, , .		0
58	Achieving Anonymous Communication in Ad Hoc Networks. , 2006, , .		0
59	Collision-driven physical-layer identification of RFID UHF tags. , 2013, , .		0
60	A Fingertip Profiled RF Identifier. IEEE Transactions on Mobile Computing, 2022, 21, 392-407.	5.8	0
61	Corrections to "HMO: Ordering RFID Tags With Static Devices in Mobile Environments", IEEE Transactions on Mobile Computing, 2021, 20, 1746-1746.	5.8	0
62	Smart Sensing and Mobile Computing. International Journal of Distributed Sensor Networks, 2015, 11, 825036.	2.2	0