

# Jianbing Ni

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

3,154  
citations

236925

25  
h-index

243625

44  
g-index

67  
all docs

67  
docs citations

67  
times ranked

3329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Securing Fog Computing for Internet of Things Applications: Challenges and Solutions. IEEE Communications Surveys and Tutorials, 2018, 20, 601-628.	39.4	485
2	Security and Privacy in Smart City Applications: Challenges and Solutions. , 2017, 55, 122-129.		453
3	Efficient and Secure Service-Oriented Authentication Supporting Network Slicing for 5G-Enabled IoT. IEEE Journal on Selected Areas in Communications, 2018, 36, 644-657.	14.0	220
4	Fuzzy Identity-Based Data Integrity Auditing for Reliable Cloud Storage Systems. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 72-83.	5.4	165
5	Anonymous Reputation System for IIoT-Enabled Retail Marketing Atop PoS Blockchain. IEEE Transactions on Industrial Informatics, 2019, 15, 3527-3537.	11.3	142
6	Enabling Strong Privacy Preservation and Accurate Task Allocation for Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2020, 19, 1317-1331.	5.8	118
7	Cloud data integrity checking with an identity-based auditing mechanism from RSA. Future Generation Computer Systems, 2016, 62, 85-91.	7.5	101
8	Providing Task Allocation and Secure Deduplication for Mobile Crowdsensing via Fog Computing. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 581-594.	5.4	101
9	Blockchain-Assisted Public-Key Encryption with Keyword Search Against Keyword Guessing Attacks for Cloud Storage. IEEE Transactions on Cloud Computing, 2021, 9, 1335-1348.	4.4	92
10	5G Vehicle-to-Everything Services: Gearing Up for Security and Privacy. Proceedings of the IEEE, 2020, 108, 373-389.	21.3	89
11	Toward Edge-Assisted Internet of Things: From Security and Efficiency Perspectives. IEEE Network, 2019, 33, 50-57.	6.9	80
12	Differentially Private Smart Metering With Fault Tolerance and Range-Based Filtering. IEEE Transactions on Smart Grid, 2017, 8, 2483-2493.	9.0	75
13	Fine-grained data access control with attribute-hiding policy for cloud-based IoT. Computer Networks, 2019, 153, 1-10.	5.1	69
14	Blockchain-Empowered Space-Air-Ground Integrated Networks: Opportunities, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2022, 24, 160-209.	39.4	66
15	Privacy-preserving Smart Parking Navigation Supporting Efficient Driving Guidance Retrieval. IEEE Transactions on Vehicular Technology, 2018, , 1-1.	6.3	62
16	Toward Privacy-Preserving Valet Parking in Autonomous Driving Era. IEEE Transactions on Vehicular Technology, 2019, 68, 2893-2905.	6.3	53
17	Privacy-Preserving Real-Time Navigation System Using Vehicular Crowdsourcing. , 2016, , .		51
18	Provable multiple replication data possession with full dynamics for secure cloud storage. Concurrency Computation Practice and Experience, 2016, 28, 1161-1173.	2.2	49

#	ARTICLE	IF	CITATIONS
19	Privacy-preserving Partner Selection for Ride-sharing Services. IEEE Transactions on Vehicular Technology, 2018, , 1-1.	6.3	45
20	DeQoS Attack: Degrading Quality of Service in VANETs and Its Mitigation. IEEE Transactions on Vehicular Technology, 2019, 68, 4834-4845.	6.3	44
21	Balancing Security and Efficiency for Smart Metering Against Misbehaving Collectors. IEEE Transactions on Smart Grid, 2019, 10, 1225-1236.	9.0	43
22	Security and Privacy for Mobile Edge Caching: Challenges and Solutions. IEEE Wireless Communications, 2021, 28, 77-83.	9.0	41
23	Secure and Efficient Distributed Network Provenance for IoT: A Blockchain-Based Approach. IEEE Internet of Things Journal, 2020, 7, 7564-7574.	8.7	40
24	Location Privacy-Preserving Task Recommendation With Geometric Range Query in Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2022, 21, 4410-4425.	5.8	35
25	Exploiting Social Network to Enhance Human-to-Human Infection Analysis without Privacy Leakage. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 607-620.	5.4	30
26	Achieving Accountable and Efficient Data Sharing in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 1416-1427.	11.3	30
27	Secure and Efficient $k$ -NN Classification for Industrial Internet of Things. IEEE Internet of Things Journal, 2020, 7, 10945-10954.	8.7	29
28	EDAT: Efficient data aggregation without TTP for privacy-assured smart metering. , 2016, , .		25
29	AMA: Anonymous mutual authentication with traceability in carpooling systems. , 2016, , .		22
30	Verifiable and Privacy-Preserving Traffic Flow Statistics for Advanced Traffic Management Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 10336-10347.	6.3	20
31	Practical and Secure SVM Classification for Cloud-Based Remote Clinical Decision Services. IEEE Transactions on Computers, 2021, 70, 1612-1625.	3.4	20
32	Security-Enhanced Data Aggregation against Malicious Gateways in Smart Grid. , 2015, , .		19
33	Reliable and Privacy-Preserving Selective Data Aggregation for Fog-Based IoT. , 2018, , .		19
34	Privbus: A privacy-enhanced crowdsourced bus service via fog computing. Journal of Parallel and Distributed Computing, 2020, 135, 156-168.	4.1	18
35	An Edge-Driven Security Framework for Intelligent Internet of Things. IEEE Network, 2020, 34, 39-45.	6.9	17
36	Secure and Lightweight Authentication With Key Agreement for Smart Wearable Systems. IEEE Internet of Things Journal, 2020, 7, 7334-7344.	8.7	17

#	ARTICLE	IF	CITATIONS
37	DAPA: A Decentralized, Accountable, and Privacy-Preserving Architecture for Car Sharing Services. IEEE Transactions on Vehicular Technology, 2020, 69, 4869-4882.	6.3	16
38	Location privacy-aware task recommendation for spatial crowdsourcing. , 2017, , .		13
39	Identity-Based Provable Data Possession From RSA Assumption for Secure Cloud Storage. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1753-1769.	5.4	13
40	Secure outsourced data transfer with integrity verification in cloud storage. , 2016, , .		12
41	Transparent and Accountable Vehicular Local Advertising With Practical Blockchain Designs. IEEE Transactions on Vehicular Technology, 2020, 69, 15694-15705.	6.3	11
42	Efficient and Privacy-Preserving Outsourced SVM Classification in Public Cloud. , 2019, , .		9
43	Forward Secure and Fine-grained Data Sharing for Mobile Crowdsensing. , 2019, , .		9
44	Blockchain-Based Smart Advertising Network With Privacy-Preserving Accountability. IEEE Transactions on Network Science and Engineering, 2021, 8, 2118-2130.	6.4	9
45	Anonymous Group Message Authentication Protocol for LTE-based V2X Communications. Internet Technology Letters, 2018, 1, e25.	1.9	8
46	Achieving Adaptive Linkability for Cellular V2X Group Communications in 5G. , 2018, , .		8
47	SDIVIP <sup>2</sup> : shared data integrity verification with identity privacy preserving in mobile clouds. Concurrency Computation Practice and Experience, 2016, 28, 2877-2888.	2.2	7
48	Enabling Regulatory Compliance and Enforcement in Decentralized Anonymous Payment. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 931-943.	5.4	7
49	Accurate Image-Based Pedestrian Detection With Privacy Preservation. IEEE Transactions on Vehicular Technology, 2020, 69, 14494-14509.	6.3	6
50	Differentially Private Tripartite Intelligent Matching Against Inference Attacks in Ride-Sharing Services. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22583-22595.	8.0	6
51	Device-invisible two-factor authenticated key agreement protocol for BYOD. , 2016, , .		5
52	Balancing Privacy and Accountability for Industrial Mortgage Management. IEEE Transactions on Industrial Informatics, 2020, 16, 4260-4269.	11.3	5
53	Privacy-Preserving Data Forwarding in VANETs: A Personal-Social Behavior Based Approach. , 2017, , .		4
54	Dual-Anonymous Off-Line Electronic Cash for Mobile Payment. IEEE Transactions on Mobile Computing, 2023, 22, 3303-3317.	5.8	4

#	ARTICLE	IF	CITATIONS
55	Low-Complexity Phased-Array Physical Layer Security in Millimeter-Wave Communication for Cybertwin-Driven V2X Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 4573-4583.	6.3	3
56	Efficient and Anonymous Authentication With Succinct Multi-Subscription Credential in SAGVN. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2863-2873.	8.0	3
57	Security-Enhanced Data Aggregation against Malicious Gateways in Smart Grid. , 2014, , .		2
58	Dual-anonymous reward distribution for mobile crowdsensing. , 2017, , .		2
59	Efficient and Privacy-Preserving Ad Conversion for V2X-Assisted Proximity Marketing. , 2018, , .		2
60	Against Pilot Spoofing Attack with Double Channel Training in Massive MIMO NOMA Systems. , 2019, , .		2
61	Online Advertising with Verifiable Fairness. , 2019, , .		1
62	Exploring Anonymous User Reviews: Linkability Analysis Based on Machine Learning. , 2019, , .		1
63	Fine-Grained Query Authorization With Integrity Verification Over Encrypted Spatial Data in Cloud Storage. IEEE Transactions on Cloud Computing, 2022, 10, 1831-1847.	4.4	1
64	Location Privacy Protection in Mobile Crowdsensing. Springer Briefs in Electrical and Computer Engineering, 2018, , 55-66.	0.5	0
65	Data Privacy Protection in Smart Grid. Springer Briefs in Electrical and Computer Engineering, 2018, , 67-85.	0.5	0
66	Balancing Efficiency and Security for Network Access Control in Space-Air-Ground Integrated Networks. , 2021, , .		0