

# Meng Shen

## List of Publications by Year in descending order

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61  
papers

2,944  
citations

361413  
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345221  
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64  
all docs

64  
docs citations

64  
times ranked

2360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy-Preserving Energy Trading Using Consortium Blockchain in Smart Grid. IEEE Transactions on Industrial Informatics, 2019, 15, 3548-3558.	11.3	424
2	Privacy-Preserving Support Vector Machine Training Over Blockchain-Based Encrypted IoT Data in Smart Cities. IEEE Internet of Things Journal, 2019, 6, 7702-7712.	8.7	313
3	Blockchain-Based Data Preservation System for Medical Data. Journal of Medical Systems, 2018, 42, 141.	3.6	227
4	Blockchain-Assisted Secure Device Authentication for Cross-Domain Industrial IoT. IEEE Journal on Selected Areas in Communications, 2020, 38, 942-954.	14.0	201
5	A Blockchain-Based Privacy-Preserving Payment Mechanism for Vehicle-to-Grid Networks. IEEE Network, 2018, 32, 184-192.	6.9	199
6	Privacy-Preserving Image Retrieval for Medical IoT Systems: A Blockchain-Based Approach. IEEE Network, 2019, 33, 27-33.	6.9	140
7	Cloud-Based Approximate Constrained Shortest Distance Queries Over Encrypted Graphs With Privacy Protection. IEEE Transactions on Information Forensics and Security, 2018, 13, 940-953.	6.9	134
8	Classification of Encrypted Traffic With Second-Order Markov Chains and Application Attribute Bigrams. IEEE Transactions on Information Forensics and Security, 2017, 12, 1830-1843.	6.9	131
9	Accurate Decentralized Application Identification via Encrypted Traffic Analysis Using Graph Neural Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 2367-2380.	6.9	99
10	Scalable and Privacy-Preserving Data Sharing Based on Blockchain. Journal of Computer Science and Technology, 2018, 33, 557-567.	1.5	98
11	Privacy-Preserving DDoS Attack Detection Using Cross-Domain Traffic in Software Defined Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 628-643.	14.0	93
12	Blockchain-Based Incentives for Secure and Collaborative Data Sharing in Multiple Clouds. IEEE Journal on Selected Areas in Communications, 2020, 38, 1229-1241.	14.0	89
13	Cloudlet Placement and Task Allocation in Mobile Edge Computing. IEEE Internet of Things Journal, 2019, 6, 5853-5863.	8.7	87
14	Content-based multi-source encrypted image retrieval in clouds with privacy preservation. Future Generation Computer Systems, 2020, 109, 621-632.	7.5	65
15	Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT. IEEE Internet of Things Journal, 2019, 6, 1998-2008.	8.7	62
16	Secure SVM Training Over Vertically-Partitioned Datasets Using Consortium Blockchain for Vehicular Social Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5773-5783.	6.3	59
17	Optimizing Feature Selection for Efficient Encrypted Traffic Classification: A Systematic Approach. IEEE Network, 2020, 34, 20-27.	6.9	52
18	Fine-Grained Webpage Fingerprinting Using Only Packet Length Information of Encrypted Traffic. IEEE Transactions on Information Forensics and Security, 2021, 16, 2046-2059.	6.9	50

#	ARTICLE	IF	CITATIONS
19	Realtime Robust Malicious Traffic Detection via Frequency Domain Analysis. , 2021, , .		44
20	Exploiting Unintended Property Leakage in Blockchain-Assisted Federated Learning for Intelligent Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2265-2275.	8.7	38
21	Identifying the vulnerabilities of bitcoin anonymous mechanism based on address clustering. Science China Information Sciences, 2020, 63, 1.	4.3	29
22	Encrypted traffic classification of decentralized applications on ethereum using feature fusion. , 2019, , .		24
23	VLA. , 2019, 3, 1-19.		22
24	Webpage Fingerprinting using Only Packet Length Information. , 2019, , .		21
25	Achieving Optimal Traffic Engineering Using a Generalized Routing Framework. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 51-65.	5.6	20
26	Enabling Efficient Source and Path Verification via Probabilistic Packet Marking. , 2018, , .		20
27	An Incentive Mechanism Using Shapley Value for Blockchain-Based Medical Data Sharing. , 2019, , .		20
28	Effective and Robust Physical-World Attacks on Deep Learning Face Recognition Systems. IEEE Transactions on Information Forensics and Security, 2021, 16, 4063-4077.	6.9	19
29	Privacy-Preserving Machine Learning Training in IoT Aggregation Scenarios. IEEE Internet of Things Journal, 2021, 8, 12106-12118.	8.7	18
30	Opponent portrait for multiagent reinforcement learning in competitive environment. International Journal of Intelligent Systems, 2021, 36, 7461-7474.	5.7	16
31	Data Security and Privacy in Bitcoin System: A Survey. Journal of Computer Science and Technology, 2020, 35, 843-862.	1.5	15
32	Efficient Fine-Grained Website Fingerprinting via Encrypted Traffic Analysis with Deep Learning. , 2021, , .		13
33	Minimizing Tardiness for Data-Intensive Applications in Heterogeneous Systems: A Matching Theory Perspective. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 144-158.	5.6	12
34	RFL: Robust fault localization on unreliable communication channels. Computer Networks, 2019, 158, 158-174.	5.1	8
35	Defending Against Link Flooding Attacks in Internet of Things: A Bayesian Game Approach. IEEE Internet of Things Journal, 2022, 9, 117-128.	8.7	8
36	Malicious Bitcoin Transaction Tracing Using Incidence Relation Clustering. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 313-323.	0.3	7

#	ARTICLE	IF	CITATIONS
37	Elastic and Efficient Virtual Network Provisioning for Cloud-Based Multi-tier Applications. , 2015, , .		6
38	Towards shorter task completion time in datacenter networks. , 2015, , .		6
39	Incentive mechanisms for mobile data offloading through operator-owned WiFi access points. Computer Networks, 2020, 174, 107226.	5.1	6
40	IriTrack. , 2021, 5, 1-21.		6
41	Certificate-aware encrypted traffic classification using Second-Order Markov Chain. , 2016, , .		5
42	Achieving bandwidth guarantees in multi-tenant cloud networks using a dual-hose model. , 2014, , .		4
43	CloudShare: Towards a Cost-Efficient and Privacy-Preserving Alliance Cloud Using Permissioned Blockchains. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 339-352.	0.3	4
44	Transaction Deanonymization in Large-Scale Bitcoin Systems via Propagation Pattern Analysis. Communications in Computer and Information Science, 2020, , 661-675.	0.5	4
45	Machine Learning Classification on Traffic of Secondary Encryption. , 2019, , .		3
46	Interference-aware lifetime maximization with joint routing and charging in wireless sensor networks. CCF Transactions on Networking, 2019, 2, 188-206.	1.1	3
47	Blockchain and Data Sharing. , 2020, , 15-27.		3
48	Threat Prediction of Abnormal Transaction Behavior Based on Graph Convolutional Network in Blockchain Digital Currency. Communications in Computer and Information Science, 2021, , 201-213.	0.5	3
49	Malicious Transaction Identification in Digital Currency via Federated Graph Deep Learning. , 2022, , .		3
50	Blockchain: Empowering Secure Data Sharing. , 2020, , .		2
51	A Family of Stable Multipath Dual Congestion Control Algorithms. Journal of Computer Science and Technology, 2015, 30, 1274-1289.	1.5	1
52	Fault-tolerant topology for energy-harvesting heterogeneous wireless sensor networks. , 2015, , .		1
53	Joint Optimization of Flow Latency in Routing and Scheduling for Software Defined Networks. , 2016, , .		1
54	Privacy-Preserving Graph Encryption for Approximate Constrained Shortest Distance Queries. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
55	Analysis, Modeling, and Implementation of Publisher-side Ad Request Filtering. , 2020, , .		1
56	Secure Homogeneous Data Sharing Using Blockchain. , 2020, , 39-59.		1
57	Secure fusion of encrypted remote sensing images based on Brovey. Science China Information Sciences, 2021, 64, 1.	4.3	1
58	Privacy-Preserving Approximate Top-k Nearest Keyword Queries over Encrypted Graphs. , 2021, , .		1
59	Secure Data Retrieval Using Blockchain. , 2020, , 81-101.		1
60	Data Sharing Incentives with Blockchain. , 2020, , 103-122.		0
61	Guest Editorial Special Issue on Trust-Oriented Designs of Internet of Things for Smart Cities. IEEE Internet of Things Journal, 2020, 7, 3897-3900.	8.7	0