

# Meng Shen

## List of Publications by Year in descending order

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61  
papers

2,944  
citations

361413

20  
h-index

345221

36  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2360  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Malicious Transaction Identification in Digital Currency via Federated Graph Deep Learning. , 2022, , .		3
3	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
4	Secure fusion of encrypted remote sensing images based on Brovey. Science China Information Sciences, 2021, 64, 1.	4.3	1
5	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
6	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
7	Privacy-Preserving Approximate Top-k Nearest Keyword Queries over Encrypted Graphs. , 2021, , .		1
8	Efficient Fine-Grained Website Fingerprinting via Encrypted Traffic Analysis with Deep Learning. , 2021, , .		13
9	IriTrack. , 2021, 5, 1-21.		6
10	Privacy-Preserving Machine Learning Training in IoT Aggregation Scenarios. IEEE Internet of Things Journal, 2021, 8, 12106-12118.	8.7	18
11	Opponent portrait for multiagent reinforcement learning in competitive environment. International Journal of Intelligent Systems, 2021, 36, 7461-7474.	5.7	16
12	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
13	Realtime Robust Malicious Traffic Detection via Frequency Domain Analysis. , 2021, , .		44
14	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
15	Content-based multi-source encrypted image retrieval in clouds with privacy preservation. Future Generation Computer Systems, 2020, 109, 621-632.	7.5	65
16	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
17	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
18	Analysis, Modeling, and Implementation of Publisher-side Ad Request Filtering. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Blockchain and Data Sharing. , 2020, , 15-27.		3
20	Secure Homogeneous Data Sharing Using Blockchain. , 2020, , 39-59.		1
21	Data Sharing Incentives with Blockchain. , 2020, , 103-122.		0
22	Optimizing Feature Selection for Efficient Encrypted Traffic Classification: A Systematic Approach. IEEE Network, 2020, 34, 20-27.	6.9	52
23	Data Security and Privacy in Bitcoin System: A Survey. Journal of Computer Science and Technology, 2020, 35, 843-862.	1.5	15
24	Transaction Deanonimization in Large-Scale Bitcoin Systems via Propagation Pattern Analysis. Communications in Computer and Information Science, 2020, , 661-675.	0.5	4
25	Incentive mechanisms for mobile data offloading through operator-owned WiFi access points. Computer Networks, 2020, 174, 107226.	5.1	6
26	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
27	Blockchain-Assisted Secure Device Authentication for Cross-Domain Industrial IoT. IEEE Journal on Selected Areas in Communications, 2020, 38, 942-954.	14.0	201
28	Identifying the vulnerabilities of bitcoin anonymous mechanism based on address clustering. Science China Information Sciences, 2020, 63, 1.	4.3	29
29	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
30	Blockchain: Empowering Secure Data Sharing. , 2020, , .		2
31	Secure Data Retrieval Using Blockchain. , 2020, , 81-101.		1
32	Webpage Fingerprinting using Only Packet Length Information. , 2019, , .		21
33	Encrypted traffic classification of decentralized applications on ethereum using feature fusion. , 2019, , .		24
34	An Incentive Mechanism Using Shapley Value for Blockchain-Based Medical Data Sharing. , 2019, , .		20
35	Privacy-Preserving Image Retrieval for Medical IoT Systems: A Blockchain-Based Approach. IEEE Network, 2019, 33, 27-33.	6.9	140
36	RFL: Robust fault localization on unreliable communication channels. Computer Networks, 2019, 158, 158-174.	5.1	8

#	ARTICLE	IF	CITATIONS
37	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
38	Cloudlet Placement and Task Allocation in Mobile Edge Computing. IEEE Internet of Things Journal, 2019, 6, 5853-5863.	8.7	87
39	Machine Learning Classification on Traffic of Secondary Encryption. , 2019, , .		3
40	Privacy-Preserving Graph Encryption for Approximate Constrained Shortest Distance Queries. , 2019, , .		1
41	Interference-aware lifetime maximization with joint routing and charging in wireless sensor networks. CCF Transactions on Networking, 2019, 2, 188-206.	1.1	3
42	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
43	Privacy-Preserving Energy Trading Using Consortium Blockchain in Smart Grid. IEEE Transactions on Industrial Informatics, 2019, 15, 3548-3558.	11.3	424
44	VLA. , 2019, 3, 1-19.		22
45	A Blockchain-Based Privacy-Preserving Payment Mechanism for Vehicle-to-Grid Networks. IEEE Network, 2018, 32, 184-192.	6.9	199
46	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
47	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
48	Enabling Efficient Source and Path Verification via Probabilistic Packet Marking. , 2018, , .		20
49	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
50	Blockchain-Based Data Preservation System for Medical Data. Journal of Medical Systems, 2018, 42, 141.	3.6	227
51	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
52	Scalable and Privacy-Preserving Data Sharing Based on Blockchain. Journal of Computer Science and Technology, 2018, 33, 557-567.	1.5	98
53	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
54	Joint Optimization of Flow Latency in Routing and Scheduling for Software Defined Networks. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
55	Certificate-aware encrypted traffic classification using Second-Order Markov Chain. , 2016, , .		5
56	Achieving Optimal Traffic Engineering Using a Generalized Routing Framework. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 51-65.	5.6	20
57	Elastic and Efficient Virtual Network Provisioning for Cloud-Based Multi-tier Applications. , 2015, , .		6
58	Towards shorter task completion time in datacenter networks. , 2015, , .		6
59	A Family of Stable Multipath Dual Congestion Control Algorithms. Journal of Computer Science and Technology, 2015, 30, 1274-1289.	1.5	1
60	Fault-tolerant topology for energy-harvesting heterogeneous wireless sensor networks. , 2015, , .		1
61	Achieving bandwidth guarantees in multi-tenant cloud networks using a dual-hose model. , 2014, , .		4