Shui Yu

List of Publications by Year
in descending order

500 papers	13,950 citations	25034 57 h-index	38395 95 g-index
531 all docs	531 docs citations	531 times ranked	10358 citing authors

#	Article	IF	Citations
1	UCoin: An Efficient Privacy Preserving Scheme for Cryptocurrencies. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 242-255.	5.4	14
2	Accurate Detection of IoT Sensor Behaviors in Legitimate, Faulty and Compromised Scenarios. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 288-300.	5.4	9
3	Personalized Individual Semantics Learning to Support a Large-Scale Linguistic Consensus Process. ACM Transactions on Internet Technology, 2023, 23, 1-27.	4.4	6
4	VPFL: A verifiable privacy-preserving federated learning scheme for edge computing systems. Digital Communications and Networks, 2023, 9, 981-989.	5.0	6
5	Trust Based Incentive Scheme to Allocate Big Data Tasks with Mobile Social Cloud. IEEE Transactions on Big Data, 2022, 8, 113-124.	6.1	21
6	Near-Optimal Energy-Efficient Algorithm for Virtual Network Function Placement. IEEE Transactions on Cloud Computing, 2022, 10, 553-567.	4.4	13
7	Identification of Encrypted Traffic Through Attention Mechanism Based Long Short Term Memory. IEEE Transactions on Big Data, 2022, 8, 241-252.	6.1	59
8	Efficient Provision of Service Function Chains in Overlay Networks Using Reinforcement Learning. IEEE Transactions on Cloud Computing, 2022, 10, 383-395.	4.4	17
9	IMS: An Identity-Based Many-to-Many Subscription Scheme With Efficient Key Management for Wireless Broadcast Systems. IEEE Transactions on Services Computing, 2022, 15, 1707-1719.	4.6	0
10	(<i>Ï„</i>,â€‰<i>m</i>)â€‹<scp>slicedBucket</scp> privacy model for sequential anonymization for improving privacy and utility. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4130.	3.9	4
11	Detecting and mitigating poisoning attacks in federated learning using generative adversarial networks. Concurrency Computation Practice and Experience, 2022, 34, e5906.	2.2	24
12	Unbounded and Efficient Revocable Attribute-Based Encryption With Adaptive Security for Cloud-Assisted Internet of Things. IEEE Internet of Things Journal, 2022, 9, 3097-3111.	8.7	21
13	A Survey of Public-Key Encryption With Search Functionality for Cloud-Assisted IoT. IEEE Internet of Things Journal, 2022, 9, 401-418.	8.7	18
14	Intelligent Jamming Defense Using DNN Stackelberg Game in Sensor Edge Cloud. IEEE Internet of Things Journal, 2022, 9, 4356-4370.	8.7	25
15	A Covert Electricity-Theft Cyberattack Against Machine Learning-Based Detection Models. IEEE Transactions on Industrial Informatics, 2022, 18, 7824-7833.	11.3	18
16	Security and Privacy-Enhanced Federated Learning for Anomaly Detection in IoT Infrastructures. IEEE Transactions on Industrial Informatics, 2022, 18, 3492-3500.	11.3	75
17	Non-Line-of-Sight Localization of Passive UHF RFID Tags in Smart Storage Systems. IEEE Transactions on Mobile Computing, 2022, 21, 3731-3743.	5.8	7
18	Repeatable Multi-Dimensional Virtual Network Embedding in Cloud Service Platform. IEEE Transactions on Services Computing, 2022, 15, 3499-3512.	4.6	4

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19	Guided Activity Prediction for Minimally Invasive Surgery Safety Improvement in the Internet of Medical Things. IEEE Internet of Things Journal, 2022, 9, 4758-4768.	8.7	0
20	NPP: A New Privacy-Aware Public Auditing Scheme for Cloud Data Sharing with Group Users. IEEE Transactions on Big Data, 2022, 8, 14-24.	6.1	72
21	Detecting adversarial examples by additional evidence from noise domain. IET Image Processing, 2022, 16, 378-392.	2.5	3
22	A survey on deep learning for textual emotion analysis in social networks. Digital Communications and Networks, 2022, 8, 745-762.	5.0	61
23	A survey of remote attestation in Internet of Things: Attacks, countermeasures, and prospects. Computers and Security, 2022, 112, 102498.	6.0	31
24	Peripheral-Free Device Pairing by Randomly Switching Power. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 4240-4254.	5.4	1
25	A Communication-Efficient Federated Learning Scheme for IoT-Based Traffic Forecasting. IEEE Internet of Things Journal, 2022, 9, 11918-11931.	8.7	11
26	A Reliable and Lightweight Trust Inference Model for Service Recommendation in SIoT. IEEE Internet of Things Journal, 2022, 9, 10988-11003.	8.7	8
27	Security-Aware and Privacy-Preserving Personal Health Record Sharing Using Consortium Blockchain. IEEE Internet of Things Journal, 2022, 9, 12014-12028.	8.7	28
28	Toward Crowdsourced Transportation Mode Identification: A Semisupervised Federated Learning Approach. IEEE Internet of Things Journal, 2022, 9, 11868-11882.	8.7	12
29	Content Caching-Enhanced Computation Offloading in Mobile Edge Service Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 872-886.	6.3	11
30	TWCC: A Robust Through-the-Wall Crowd Counting System Using Ambient WiFi Signals. IEEE Transactions on Vehicular Technology, 2022, 71, 4198-4211.	6.3	4
31	A Reliable and Efficient Task Offloading Strategy Based on Multifeedback Trust Mechanism for IoT Edge Computing. IEEE Internet of Things Journal, 2022, 9, 13927-13941.	8.7	22
32	The Role of Communication Time in the Convergence of Federated Edge Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 3241-3254.	6.3	3
33	Efficient Cache Consistency Management for Transient IoT Data in Content-Centric Networking. IEEE Internet of Things Journal, 2022, 9, 12931-12944.	8.7	26
34	FedTor: An Anonymous Framework of Federated Learning in Internet of Things. IEEE Internet of Things Journal, 2022, 9, 18620-18631.	8.7	7
35	Blockchain-Empowered Secure and Privacy-Preserving Health Data Sharing in Edge-Based IoMT. Security and Communication Networks, 2022, 2022, 1-16.	1.5	16
36	Signaling game-based availability assessment for edge computing-assisted IoT systems with malware dissemination. Journal of Information Security and Applications, 2022, 66, 103140.	2.5	11

#	Article	IF	Citations
37	Challenges and future directions of secure federated learning: a survey. Frontiers of Computer Science, 2022, 16, 165817.	2.4	45
38	Attribute-Based Hierarchical Access Control With Extendable Policy. IEEE Transactions on Information Forensics and Security, 2022, 17, 1868-1883.	6.9	14
39	Three-Dimensional Cooperative Positioning for Internet of Things Provenance. IEEE Internet of Things Journal, 2022, 9, 19945-19958.	8.7	3
40	LinkBreaker: Breaking the Backdoor-Trigger Link in DNNs via Neurons Consistency Check. IEEE Transactions on Information Forensics and Security, 2022, 17, 2000-2014.	6.9	6
41	A Multi-objective based Inter-Layer Link Allocation Scheme for MEO/LEO Satellite Networks. , 2022, , .		4
42	Graph-Based Traffic Forecasting via Communication-Efficient Federated Learning. , 2022, , .		2
43	Modeling on Energy-Efficiency Computation Offloading Using Probabilistic Action Generating. IEEE Internet of Things Journal, 2022, 9, 20681-20692.	8.7	3
44	FDSA-STG: Fully Dynamic Self-Attention Spatio-Temporal Graph Networks for Intelligent Traffic Flow Prediction. IEEE Transactions on Vehicular Technology, 2022, 71, 9250-9260.	6.3	24
45	DRL-Based Deadline-Driven Advance Reservation Allocation in EONs for Cloud–Edge Computing. IEEE Internet of Things Journal, 2022, 9, 21444-21457.	8.7	19
46	DRL-based Resource Allocation Optimization for Computation Offloading in Mobile Edge Computing. , 2022, , .		5
47	VulnerGAN: a backdoor attack through vulnerability amplification against machine learning-based network intrusion detection systems. Science China Information Sciences, 2022, 65, .	4.3	3
48	DP-LTOD: Differential Privacy Latent Trajectory Community Discovering Services over Location-Based Social Networks. IEEE Transactions on Services Computing, 2021, 14, 1068-1083.	4.6	28
49	Protected Resource Allocation in Space Division Multiplexing-Elastic Optical Networks with Fluctuating Traffic. Journal of Network and Computer Applications, 2021, 174, 102887.	9.1	29
50	Fooling intrusion detection systems using adversarially autoencoder. Digital Communications and Networks, 2021, 7, 453-460.	5.0	20
51	Memory Augmented Hierarchical Attention Network for Next Point-of-Interest Recommendation. IEEE Transactions on Computational Social Systems, 2021, 8, 489-499.	4.4	16
52	Multicopy provable data possession scheme supporting data dynamics for cloud-based Electronic Medical Record system. Information Sciences, 2021, 545, 254-276.	6.9	36
53	Deep-Reinforcement-Learning-Based User Profile Perturbation for Privacy-Aware Recommendation. IEEE Internet of Things Journal, 2021, 8, 4560-4568.	8.7	29
54	PoisonGAN: Generative Poisoning Attacks Against Federated Learning in Edge Computing Systems. IEEE Internet of Things Journal, 2021, 8, 3310-3322.	8.7	116

#	Article	IF	Citations
55	Promotion of Answer Value Measurement With Domain Effects in Community Question Answering Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3068-3079.	9.3	5
56	Personalized Privacy Protection Solutions. Data Analytics, 2021, , 23-130.	0.8	5
57	Leading Attacks in Privacy Protection Domain. Data Analytics, 2021, , 15-21.	0.8	5
58	Customizable Reliable Privacy-Preserving Data Sharing in Cyber-Physical Social Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 269-281.	6.4	28
59	Existing Privacy Protection Solutions. Data Analytics, 2021, , 5-13.	0.8	6
60	Personalized Privacy Protection in Big Data. Data Analytics, 2021, , .	0.8	6
61	Fast Containment of Infectious Diseases With E-Healthcare Mobile Social Internet of Things. IEEE Internet of Things Journal, 2021, 8, 16473-16485.	8.7	12
62	IEEE Access Special Section Editorial: Security and Privacy in Emerging Decentralized Communication Environments. IEEE Access, 2021, 9, 68880-68887.	4.2	0
63	An efficient protein homology detection approach based on seq2seq model and ranking. Biotechnology and Biotechnological Equipment, 2021, 35, 633-640.	1.3	3
64	Enabling Machine Learning with Service Function Chaining for Security Enhancement at 5G Edges. IEEE Network, 2021, 35, 196-201.	6.9	24
65	Plug-in over Plug-in Evaluation in Heterogeneous 5G Enabled Networks and Beyond. IEEE Network, 2021, 35, 34-39.	6.9	9
66	DP-QIC: A differential privacy scheme based on quasi-identifier classification for big data publication. Soft Computing, 2021, 25, 7325-7339.	3.6	8
67	Adaptive Multi-Access Algorithm for Multi-Service Edge Users in 5G Ultra-Dense Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2807-2821.	6.3	22
68	Compatibility-Aware Web API Recommendation for Mashup Creation via Textual Description Mining. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-19.	4.3	48
69	A survey on incorporating domain knowledge into deep learning for medical image analysis. Medical Image Analysis, 2021, 69, 101985.	11.6	128
70	6G-Enabled Short-Term Forecasting for Large-Scale Traffic Flow in Massive IoT Based on Time-Aware Locality-Sensitive Hashing. IEEE Internet of Things Journal, 2021, 8, 5321-5331.	8.7	32
71	Unknown hostile environment-oriented autonomous WSN deployment using a mobile robot. Journal of Network and Computer Applications, 2021, 182, 103053.	9.1	23
72	Gate-ID: WiFi-Based Human Identification Irrespective of Walking Directions in Smart Home. IEEE Internet of Things Journal, 2021, 8, 7610-7624.	8.7	28

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73	A Bayesian *Q*-Learning Game for Dependable Task Offloading Against DDoS Attacks in Sensor Edge Cloud. IEEE Internet of Things Journal, 2021, 8, 7546-7561.	8.7	42
74	Energy efficiency with service availability guarantee for Network Function Virtualization. Future Generation Computer Systems, 2021, 119, 140-153.	7.5	11
75	Can Steering Wheel Detect Your Driving Fatigue?. IEEE Transactions on Vehicular Technology, 2021, 70, 5537-5550.	6.3	7
76	Complicating the Social Networks for Better Storytelling: An Empirical Study of Chinese Historical Text and Novel. IEEE Transactions on Computational Social Systems, 2021, 8, 754-767.	4.4	5
77	Energy-Efficient Deep Reinforced Traffic Grooming in Elastic Optical Networks for Cloud–Fog Computing. IEEE Internet of Things Journal, 2021, 8, 12410-12421.	8.7	43
78	On-Demand Dynamic Controller Placement in Software Defined Satellite-Terrestrial Networking. IEEE Transactions on Network and Service Management, 2021, 18, 2915-2928.	4.9	13
79	Context-Aware Adaptive Route Mutation Scheme: A Reinforcement Learning Approach. IEEE Internet of Things Journal, 2021, 8, 13528-13541.	8.7	17
80	Efficient Virtual Network Embedding of Cloud-Based Data Center Networks into Optical Networks. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2793-2808.	5.6	19
81	FASTGNN: A Topological Information Protected Federated Learning Approach for Traffic Speed Forecasting. IEEE Transactions on Industrial Informatics, 2021, 17, 8464-8474.	11.3	44
82	A Software-Defined-Networking-Enabled Approach for Edge-Cloud Computing in the Internet of Things. IEEE Network, 2021, 35, 66-73.	6.9	10
83	An SDN-Enabled Proactive Defense Framework for DDoS Mitigation in IoT Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 5366-5380.	6.9	32
84	Data Privacy Protection based on Feature Dilution in Cloud Services. , 2021, , .		0
85	Too Expensive to Attack: Enlarge the Attack Expense through Joint Defense at the Edge. , 2021, , .		2
86	ICE: Intelligent Caching at the Edge. , 2021, , .		0
87	A Tutorial on Next Generation Heterogeneous IoT Networks and Node Authentication. IEEE Internet of Things Magazine, 2021, 4, 120-126.	2.6	8
88	CoPace: Edge Computation Offloading and Caching for Self-Driving With Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 13281-13293.	6.3	30
89	Safeguard the Original Data in Federated Learning via Data Decomposition. , 2021, , .		0
90	Achieving Secure and Efficient Dynamic Searchable Symmetric Encryption over Medical Cloud Data. IEEE Transactions on Cloud Computing, 2020, 8, 484-494.	4.4	117

#	Article	IF	Citations
91	A balanced virtual machine scheduling method for energy-performance trade-offs in cyber-physical cloud systems. Future Generation Computer Systems, 2020, 105, 789-799.	7.5	72
92	HostWatcher: Protecting hosts in cloud data centers through software-defined networking. Future Generation Computer Systems, 2020, 105, 964-972.	7.5	8
93	FDFA: A fog computing assisted distributed analytics and detecting system for family activities. Peer-to-Peer Networking and Applications, 2020, 13, 38-52.	3.9	4
94	SentiDiff: Combining Textual Information and Sentiment Diffusion Patterns for Twitter Sentiment Analysis. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2026-2039.	5.7	103
95	Secure search for encrypted personal health records from big data NoSQL databases in cloud. Computing (Vienna/New York), 2020, 102, 1521-1545.	4.8	12
96	Privacy on the Edge: Customizable Privacy-Preserving Context Sharing in Hierarchical Edge Computing. IEEE Transactions on Network Science and Engineering, 2020, 7, 2298-2309.	6.4	33
97	Blockchain for secure location verification. Journal of Parallel and Distributed Computing, 2020, 136, 40-51.	4.1	27
98	A Fog-Based Recommender System. IEEE Internet of Things Journal, 2020, 7, 1048-1060.	8.7	16
99	An Inherent Property-Based Rumor Dissemination Model in Online Social Networks. IEEE Networking Letters, 2020, 2, 43-46.	1.9	3
100	Efficient measurement of round-trip link delays in software-defined networks. Journal of Network and Computer Applications, 2020, 150, 102468.	9.1	5
101	Alleviating Heterogeneity in SDN-IoT Networks to Maintain QoS and Enhance Security. IEEE Internet of Things Journal, 2020, 7, 5964-5975.	8.7	32
102	APIS: Privacy-Preserving Incentive for Sensing Task Allocation in Cloud and Edge-Cooperation Mobile Internet of Things With SDN. IEEE Internet of Things Journal, 2020, 7, 5892-5905.	8.7	45
103	A Packet Reception Probability-Based Reliable Routing Protocol for 3D VANET. IEEE Wireless Communications Letters, 2020, 9, 495-498.	5.0	14
104	Data Poison Detection Schemes for Distributed Machine Learning. IEEE Access, 2020, 8, 7442-7454.	4.2	11
105	An efficient pipeline processing scheme for programming Protocol-independent Packet Processors. Journal of Network and Computer Applications, 2020, 171, 102806.	9.1	6
106	Detecting false data attacks using machine learning techniques in smart grid: A survey. Journal of Network and Computer Applications, 2020, 170, 102808.	9.1	86
107	Blockchain for Internet of things applications: A review and open issues. Journal of Network and Computer Applications, 2020, 172, 102839.	9.1	44
108	Security and privacy in 6G networks: New areas and new challenges. Digital Communications and Networks, 2020, 6, 281-291.	5.0	206

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109	GAN Enhanced Membership Inference: A Passive Local Attack in Federated Learning. , 2020, , .		44
110	Exploiting relay nodes for maximizing wireless underground sensor network lifetime. Applied Intelligence, 2020, 50, 4568-4585.	5.3	14
111	Adaptive and Extensible Energy Supply Mechanism for UAVs-Aided Wireless-Powered Internet of Things. IEEE Internet of Things Journal, 2020, 7, 9201-9213.	8.7	31
112	IPANM: Incentive Public Auditing Scheme for Non-Manager Groups in Clouds. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	10
113	A Unified Federated Learning Framework for Wireless Communications: towards Privacy, Efficiency, and Security. , 2020, , .		16
114	Analysis and Insights for Myths Circulating on Twitter During the COVID-19 Pandemic. IEEE Open Journal of the Computer Society, 2020, 1, 209-219.	7.8	23
115	Link Reliability-Based Adaptive Routing for Multilevel Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11771-11785.	6.3	12
116	Dynamic Sample Selection for Federated Learning with Heterogeneous Data in Fog Computing. , 2020, , .		21
117	Generative adversarial networks enhanced location privacy in 5G networks. Science China Information Sciences, 2020, 63, 1.	4.3	18
118	A Study of User Activity Patterns and the Effect of Venue Types on City Dynamics Using Location-Based Social Network Data. ISPRS International Journal of Geo-Information, 2020, 9, 733.	2.9	7
119	WiReader: Adaptive Air Handwriting Recognition Based on Commercial WiFi Signal. IEEE Internet of Things Journal, 2020, 7, 10483-10494.	8.7	32
120	Privacy-Preserving Federated Learning in Fog Computing. IEEE Internet of Things Journal, 2020, 7, 10782-10793.	8.7	145
121	Personalized Location Privacy Protection for Location-Based Services in Vehicular Networks. IEEE Wireless Communications Letters, 2020, 9, 1633-1637.	5.0	11
122	Matrix Completion via Schatten Capped p Norm. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	4
123	Minimizing Financial Cost of DDoS Attack Defense in Clouds With Fine-Grained Resource Management. IEEE Transactions on Network Science and Engineering, 2020, 7, 2541-2554.	6.4	7
124	Spatiotemporal Analysis of Tourists and Residents in Shanghai Based on Location-Based Social Network's Data from Weibo. ISPRS International Journal of Geo-Information, 2020, 9, 70.	2.9	15
125	RNN-DP: A new differential privacy scheme base on Recurrent Neural Network for Dynamic trajectory privacy protection. Journal of Network and Computer Applications, 2020, 168, 102736.	9.1	17
126	GAN-Driven Personalized Spatial-Temporal Private Data Sharing in Cyber-Physical Social Systems. IEEE Transactions on Network Science and Engineering, 2020, 7, 2576-2586.	6.4	44

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127	An Application Development Framework for Internet-of-Things Service Orchestration. IEEE Internet of Things Journal, 2020, 7, 4543-4556.	8.7	40
128	A Data Storage and Sharing Scheme for Cyber-Physical-Social Systems. IEEE Access, 2020, 8, 31471-31480.	4.2	6
129	Efficient meta-heuristic approaches in solving minimal exposure path problem for heterogeneous wireless multimedia sensor networks in internet of things. Applied Intelligence, 2020, 50, 1889-1907.	5.3	8
130	Decentralized Privacy Using Blockchain-Enabled Federated Learning in Fog Computing. IEEE Internet of Things Journal, 2020, 7, 5171-5183.	8.7	268
131	An enhanced probabilistic fairness-aware group recommendation by incorporating social activeness. Journal of Network and Computer Applications, 2020, 156, 102579.	9.1	12
132	Reliability-aware virtual network function placement in carrier networks. Journal of Network and Computer Applications, 2020, 154, 102536.	9.1	16
133	Data Science and Artificial Intelligence for Communications. IEEE Communications Magazine, 2020, 58, 10-11.	6.1	4
134	Adaptive service function chaining mappings in 5G using deep Q-learning. Computer Communications, 2020, 152, 305-315.	5.1	30
135	PASPORT: A Secure and Private Location Proof Generation and Verification Framework. IEEE Transactions on Computational Social Systems, 2020, 7, 293-307.	4.4	16
136	Location-Based Social Network's Data Analysis and Spatio-Temporal Modeling for the Mega City of Shanghai, China. ISPRS International Journal of Geo-Information, 2020, 9, 76.	2.9	11
137	Blockchain Meets Cloud Computing: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 2009-2030.	39.4	199
138	Cross-Cloud MapReduce for Big Data. IEEE Transactions on Cloud Computing, 2020, 8, 375-386.	4.4	25
139	PDGAN: A Novel Poisoning Defense Method in Federated Learning Using Generative Adversarial Network. Lecture Notes in Computer Science, 2020, , 595-609.	1.3	18
140	Attacks and defences on intelligent connected vehicles: a survey. Digital Communications and Networks, 2020, 6, 399-421.	5.0	98
141	Efficient Human Activity Recognition Using a Single Wearable Sensor. IEEE Internet of Things Journal, 2020, 7, 11137-11146.	8.7	38
142	Introduction to the Special Section on Network Science for Internet of Things (IoT). IEEE Transactions on Network Science and Engineering, 2020, 7, 237-238.	6.4	4
143	Game Theory for Mobile Location Privacy. , 2020, , .		3
144	An Online Pricing Strategy of EV Charging and Data Caching in Highway Service Stations. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
145	An Enhanced Motif Graph Clustering-Based Deep Learning Approach for Traffic Forecasting. , 2020, , .		2
146	Non-Technical Losses Detection in Smart Grids: An Ensemble Data-Driven Approach. , 2020, , .		2
147	Energy-Latency Tradeoff for Dynamic Computation Offloading in Vehicular Fog Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 14198-14211.	6.3	88
148	Scalable and Updatable Attribute-based Privacy Protection Scheme for Big Data Publishing. , 2020, , .		0
149	Evaluating and Improving Adversarial Attacks on DNN-Based Modulation Recognition. , 2020, , .		15
150	DAPS: A Decentralized Anonymous Payment Scheme with Supervision. Lecture Notes in Computer Science, 2020, , 537-550.	1.3	2
151	Adaptive Detection Method for Packet-In Message Injection Attack in SDN. Lecture Notes in Computer Science, 2020, , 482-495.	1.3	3
152	An Open Identity Authentication Scheme Based on Blockchain. Lecture Notes in Computer Science, 2020, , 421-438.	1.3	1
153	IEEE Access Special Section Editorial: Artificial Intelligence in Cybersecurity. IEEE Access, 2020, 8, 163329-163333.	4.2	1
154	Data Dissemination in Delay Tolerant Networks with Geographic Information. , 2020, , 271-275.		0
155	Performance analysis of indoor localization based on channel state information ranging model. , 2020, , .		3
156	Elastic Resilience for Software-Defined Satellite Networking: Challenges, Solutions, and Open Issues. IT Professional, 2020, 22, 39-45.	1.5	8
157	Editorial of cross-layer design issues, challenges and opportunities for future intelligent heterogeneous networks. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4207-4208.	4.9	1
158	A Decentralized Private Data Transaction Pricing and Quality Control Method. , 2019, , .		3
159	Segment Routing Optimization for VNF Chaining. , 2019, , .		3
160	GAN-DP: Generative Adversarial Net Driven Differentially Privacy-Preserving Big Data Publishing. , 2019, , .		18
161	Impact of Social Network Structures on Uncertain Opinion Formation. IEEE Transactions on Computational Social Systems, 2019, 6, 670-679.	4.4	21
162	An Energy-Efficient Region Source Routing Protocol for Lifetime Maximization in WSN. IEEE Access, 2019, 7, 135277-135289.	4.2	102

#	Article	IF	Citations
163	Wheat ear growth modeling based on a polygon. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 1175-1184.	2.6	0
164	Modelling the impact of interference on the energy efficiency of WLANs. Concurrency Computation Practice and Experience, 2019, 31, e5217.	2.2	2
165	Joint Power Control and Channel Allocation for Interference Mitigation Based on Reinforcement Learning. IEEE Access, 2019, 7, 177254-177265.	4.2	35
166	Trajectory Prediction of UAV in Smart City using Recurrent Neural Networks. , 2019, , .		12
167	Three-dimensional robot localization using cameras in wireless multimedia sensor networks. Journal of Network and Computer Applications, 2019, 146, 102425.	9.1	14
168	HSIRD: A model for characterizing dynamics of malware diffusion in heterogeneous WSNs. Journal of Network and Computer Applications, 2019, 146, 102420.	9.1	29
169	Policy-based Bigdata Security and QoS Framework for SDN/IoT: An Analytic Approach. , 2019, , .		1
170	A Feedback Mechanism With Bounded Confidence- Based Optimization Approach for Consensus Reaching in Multiple Attribute Large-Scale Group Decision-Making. IEEE Transactions on Computational Social Systems, 2019, 6, 994-1006.	4.4	62
171	A heuristic line piloting method to disclose malicious taxicab driver's privacy over GPS big data. Information Sciences, 2019, 483, 247-261.	6.9	8
172	Driver Drowsiness Detection Using Multi-Channel Second Order Blind Identifications. IEEE Access, 2019, 7, 11829-11843.	4.2	52
173	Efficient solution to the millionaires' problem based on asymmetric commutative encryption scheme. Computational Intelligence, 2019, 35, 555-576.	3.2	2
174	Efficient Data Placement and Replication for QoS-Aware Approximate Query Evaluation of Big Data Analytics. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2677-2691.	5.6	17
175	ESDRA: An Efficient and Secure Distributed Remote Attestation Scheme for IoT Swarms. IEEE Internet of Things Journal, 2019, 6, 8372-8383.	8.7	53
176	An Efficient Privacy-Preserving Mutual Authentication Scheme for Secure V2V Communication in Vehicular Ad Hoc Network. IEEE Access, 2019, 7, 55050-55063.	4.2	58
177	Data Science and Artificial Intelligence for Communications. IEEE Communications Magazine, 2019, 57, 56-56.	6.1	3
178	Sustainability Analysis for Fog Nodes With Renewable Energy Supplies. IEEE Internet of Things Journal, 2019, 6, 6725-6735.	8.7	5
179	HRCal: An effective calibration system for heart rate detection during exercising. Journal of Network and Computer Applications, 2019, 136, 1-10.	9.1	1
180	Improving Data Utility Through Game Theory in Personalized Differential Privacy. Journal of Computer Science and Technology, 2019, 34, 272-286.	1.5	23

#	Article	IF	Citations
181	A reliable reputation computation framework for online items in E-commerce. Journal of Network and Computer Applications, 2019, 134, 13-25.	9.1	6
182	Analysis of Policy-Based Security Management System in Software-Defined Networks. IEEE Communications Letters, 2019, 23, 612-615.	4.1	15
183	Word2Cluster: A New Multi-Label Text Clustering Algorithm with an Adaptive Clusters Number. , 2019, , .		1
184	Privacy Aware Recommendation: Reinforcement Learning Based User Profile Perturbation. , 2019, , .		3
185	Privacy Preserving Fog-Enabled Dynamic Data Aggregation in Mobile Phone Sensing. , 2019, , .		0
186	SDN-Capable IoT Last-Miles: Design Challenges. , 2019, , .		3
187	RLS-VNE: Repeatable Large-Scale Virtual Network Embedding over Substrate Nodes. , 2019, , .		2
188	HSDCâ€"Net: Secure Anonymous Messaging in Online Social Networks. , 2019, , .		3
189	PEFL: A Privacy-Enhanced Federated Learning Scheme for Big Data Analytics. , 2019, , .		31
190	An Economical and High-Quality Encryption Scheme for Cloud Servers with GPUs. , 2019, , .		0
191	MemNetAR: Memory Network with Adversative Relation for Target-Level Sentiment Classification. , 2019, , .		0
192	EAPA. , 2019, , .		9
193	Data Science and Artificial Intelligence for Communications. IEEE Communications Magazine, 2019, 57, 82-83.	6.1	5
194	Poisoning Attack in Federated Learning using Generative Adversarial Nets. , 2019, , .		94
195	Multi-Task Network Anomaly Detection using Federated Learning. , 2019, , .		67
196	Enabling Efficient Service Function Chains at Terrestrial-Satellite Hybrid Cloud Networks. IEEE Network, 2019, 33, 94-99.	6.9	19
197	Inference attack in Android Activity based on program fingerprint. Journal of Network and Computer Applications, 2019, 127, 92-106.	9.1	8
198	Identifying Propagation Source in Large-Scale Networks. Advances in Information Security, 2019, , 159-178.	1.2	0

#	Article	IF	Citations
199	Source Identification Under Sensor Observations: A Gaussian Source Estimator. Advances in Information Security, 2019, , 89-93.	1.2	0
200	Consensus efficiency in group decision making: A comprehensive comparative study and its optimal design. European Journal of Operational Research, 2019, 275, 580-598.	5.7	239
201	Location Privacy Protection in Smart Health Care System. IEEE Internet of Things Journal, 2019, 6, 3055-3069.	8.7	17
202	Malicious Attack Propagation and Source Identification. Advances in Information Security, 2019, , .	1.2	2
203	Differential Privacy Oriented Distributed Online Learning for Mobile Social Video Prefetching. IEEE Transactions on Multimedia, 2019, 21, 636-651.	7.2	23
204	Efficient DDoS attacks mitigation for stateful forwarding in Internet of Things. Journal of Network and Computer Applications, 2019, 130, 1-13.	9.1	55
205	EFFECT: an efficient flexible privacy-preserving data aggregation scheme with authentication in smart grid. Science China Information Sciences, 2019, 62, 1.	4.3	112
206	Energy Efficient Data Collection in Large-Scale Internet of Things via Computation Offloading. IEEE Internet of Things Journal, 2019, 6, 4176-4187.	8.7	30
207	Privacy Preservation in Smart Cities. , 2019, , 75-88.		21
208	Forwarding Rule Multiplexing for Scalable SDN-Based Internet of Things. IEEE Internet of Things Journal, 2019, 6, 3373-3385.	8.7	13
209	Preliminary of Modeling Malicious Attack Propagation. Advances in Information Security, 2019, , 11-19.	1.2	0
210	SeShare: Secure cloud data sharing based on blockchain and public auditing. Concurrency Computation Practice and Experience, 2019, 31, e4359.	2.2	25
211	An Immunization Framework for Social Networks Through Big Data Based Influence Modeling. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 984-995.	5.4	32
212	Cyber security framework for Internet of Things-based Energy Internet. Future Generation Computer Systems, 2019, 93, 849-859.	7.5	83
213	Wormhole: The Hidden Virus Propagation Power of the Search Engine in Social Networks. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 693-710.	5.4	12
214	Stability of Cloud-Based UAV Systems Supporting Big Data Acquisition and Processing. IEEE Transactions on Cloud Computing, 2019, 7, 866-877.	4.4	46
215	Defending Against Flow Table Overloading Attack in Software-Defined Networks. IEEE Transactions on Services Computing, 2019, 12, 231-246.	4.6	66
216	A DNS Tunneling Detection Method Based on Deep Learning Models to Prevent Data Exfiltration. Lecture Notes in Computer Science, 2019, , 520-535.	1.3	14

#	Article	IF	Citations
217	BQSV: Protecting SDN Controller Cluster's Network Topology View Based on Byzantine Quorum System with Verification Function. Lecture Notes in Computer Science, 2019, , 73-88.	1.3	1
218	Restrain Malicious Attack Propagation. Advances in Information Security, 2019, , 41-62.	1.2	0
219	Identifying Propagation Source in Time-Varying Networks. Advances in Information Security, 2019, , 117-137.	1.2	2
220	Comparative Study and Numerical Analysis. Advances in Information Security, 2019, , 95-114.	1.2	1
221	Achieving Efficient and Verifiable Assured Deletion for Outsourced Data Based on Access Right Revocation. Lecture Notes in Computer Science, 2019, , 392-411.	1.3	2
222	Data Dissemination in Delay Tolerant Networks with Geographic Information. , 2019, , 1-5.		0
223	Converged Network-Cloud Service Composition with End-to-End Performance Guarantee. IEEE Transactions on Cloud Computing, 2018, 6, 545-557.	4.4	18
224	Rumor Source Identification in Social Networks with Time-Varying Topology. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 166-179.	5.4	74
225	Personalized Search Over Encrypted Data With Efficient and Secure Updates in Mobile Clouds. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 97-109.	4.6	110
226	A survey on big data stream processing in SDN supported cloud environment. , 2018, , .		7
227	Parallel and Progressive Approaches for Skyline Query Over Probabilistic Incomplete Database. IEEE Access, 2018, 6, 13289-13301.	4.2	10
228	Privacy issues in social networks and analysis: a comprehensive survey. IET Networks, 2018, 7, 74-84.	1.8	20
229	A Practical Byzantine-Based Approach for Faulty Switch Tolerance in Software-Defined Networks. IEEE Transactions on Network and Service Management, 2018, 15, 825-839.	4.9	18
230	Influence analysis in social networks: A survey. Journal of Network and Computer Applications, 2018, 106, 17-32.	9.1	196
231	Multistage Signaling Game-Based Optimal Detection Strategies for Suppressing Malware Diffusion in Fog-Cloud-Based IoT Networks. IEEE Internet of Things Journal, 2018, 5, 1043-1054.	8.7	91
232	A Survey on Security Threats and Defensive Techniques of Machine Learning: A Data Driven View. IEEE Access, 2018, 6, 12103-12117.	4.2	274
233	DIPOR: An IDA-based dynamic proof of retrievability scheme for cloud storage systems. Journal of Network and Computer Applications, 2018, 104, 97-106.	9.1	36
234	DDSE: A novel evolutionary algorithm based on degree-descending search strategy for influence maximization in social networks. Journal of Network and Computer Applications, 2018, 103, 119-130.	9.1	93

#	Article	IF	Citations
235	T-Trail: Link Failure Monitoring in Software-Defined Optical Networks. Journal of Optical Communications and Networking, 2018, 10, 344.	4.8	12
236	Efficient Performance Monitoring for Ubiquitous Virtual Networks Based on Matrix Completion. IEEE Access, 2018, 6, 14524-14536.	4.2	2
237	Profit-Aware Distributed Online Scheduling for Data-Oriented Tasks in Cloud Datacenters. IEEE Access, 2018, 6, 15629-15642.	4.2	9
238	Toward efficient parallel routing optimization for large-scale SDN networks using GPGPU. Journal of Network and Computer Applications, 2018, 113, 1-13.	9.1	10
239	Collaborative ensemble learning under differential privacy. Web Intelligence, 2018, 16, 73-87.	0.2	12
240	IEEE Access Special Section Editorial: Green Cloud and Fog Computing: Energy Efficiency and Sustainability Aware Infrastructures, Protocols, and Applications. IEEE Access, 2018, 6, 12280-12283.	4.2	4
241	Improving SDN Scalability With Protocol-Oblivious Source Routing: A System-Level Study. IEEE Transactions on Network and Service Management, 2018, 15, 275-288.	4.9	35
242	Quality-of-sensing aware budget constrained contaminant detection sensor deployment in water distribution system. Journal of Network and Computer Applications, 2018, 103, 274-279.	9.1	11
243	Tuna: An Efficient and Practical Scheme for Wireless Access Point in 5G Networks Virtualization. IEEE Communications Letters, 2018, 22, 748-751.	4.1	9
244	SERvICE: A Software Defined Framework for Integrated Space-Terrestrial Satellite Communication. IEEE Transactions on Mobile Computing, 2018, 17, 703-716.	5.8	117
245	AQ-DP: A New Differential Privacy Scheme Based on Quasi-Identifier Classifying in Big Data. , 2018, , .		2
246	Virtualization of Table Resources in Programmable Data Plane with Global Consideration. , 2018, , .		3
247	SPARSE: Privacy-Aware and Collusion Resistant Location Proof Generation and Verification. , 2018, , .		5
248	Customized Data Sharing Scheme Based on Blockchain and Weighted Attribute. , 2018, , .		3
249	Towards QoS and Security in Software-Driven Heterogeneous Autonomous Networks. , 2018, , .		1
250	FBI: Friendship Learning-Based User Identification in Multiple Social Networks. , 2018, , .		2
251	Efficient Mappings of Service Function Chains at Terrestrial-Satellite Hybrid Cloud Networks. , 2018, , .		5
252	Automatic Selection of Security Service Function Chaining Using Reinforcement Learning. , 2018, , .		10

#	Article	IF	Citations
253	Smart Water Flosser: A Novel Smart Oral Cleaner with IMU Sensor. , 2018, , .		3
254	Solving Selfish Routing in Route-by-Name Information-Centric Network Architectures. , 2018, , .		0
255	High Quality Participant Recruitment of Mobile Crowdsourcing over Big Data. , 2018, , .		2
256	Traffic Engineering in Information-Centric Networking: Opportunities, Solutions and Challenges. IEEE Communications Magazine, 2018, 56, 124-130.	6.1	6
257	Privacy of Things: Emerging Challenges and Opportunities in Wireless Internet of Things. IEEE Wireless Communications, 2018, 25, 91-97.	9.0	80
258	MTF: Mitigating Link Flooding Attacks in Delay Tolerant Networks. , 2018, , .		0
259	An Adaptive Multipath Algorithm to Overcome the Unpredictability of Heterogeneous Wireless Networks for High-Speed Railway. IEEE Transactions on Vehicular Technology, 2018, 67, 11332-11344.	6.3	15
260	Guest Editorial Special Issue on Multimedia Big Data in Internet of Things. IEEE Internet of Things Journal, 2018, 5, 3405-3407.	8.7	6
261	Revisiting Website Fingerprinting Attacks in Real-World Scenarios: A Case Study of Shadowsocks. Lecture Notes in Computer Science, 2018, , 319-336.	1.3	6
262	An Offloading Approach in Fog Computing Environment. , 2018, , .		7
263	Temporal-Sparsity Aware Service Recommendation Method via Hybrid Collaborative Filtering Techniques. Lecture Notes in Computer Science, 2018, , 421-429.	1.3	7
264	Multi-Service Resource Allocation in Future Network With Wireless Virtualization. IEEE Access, 2018, 6, 53854-53868.	4.2	15
265	Improving Data Utility through Game Theory in Personalized Differential Privacy. , 2018, , .		6
266	A Novel Trust Evaluation Mechanism for Collaborative Filtering Recommender Systems. IEEE Access, 2018, 6, 70298-70312.	4.2	5
267	Green Social CPS Based E-Healthcare Systems to Control the Spread of Infectious Diseases. , 2018, , .		4
268	Security and Privacy in the Age of the Smart Internet of Things: An Overview from a Networking Perspective. IEEE Communications Magazine, 2018, 56, 14-18.	6.1	36
269	Asymmetric Commutative Encryption Scheme Based Efficient Solution to the Millionaires' Problem. , 2018, , .		4
270	MC-VAP: A multi-connection virtual access point for high performance software-defined wireless networks. Journal of Network and Computer Applications, 2018, 122, 88-98.	9.1	3

#	Article	IF	Citations
271	An SMDP-Based Service Function Allocation Scheme for Mobile Edge Clouds. , 2018, , .		1
272	Consensus formation in opinion dynamics with online and offline interactions at complex networks. International Journal of Modern Physics C, 2018, 29, 1850046.	1.7	8
273	Managing consensus and self-confidence in multiplicative preference relations in group decision making. Knowledge-Based Systems, 2018, 162, 62-73.	7.1	42
274	Network Traffic Prediction Based on Deep Belief Network and Spatiotemporal Compressive Sensing in Wireless Mesh Backbone Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	31
275	Empirical study on taxi's mobility nature in dense urban area. , 2018, , .		1
276	A Deadline-Aware Coflow Scheduling Approach for Big Data Applications. , 2018, , .		2
277	New Algorithm for Secure Outsourcing of Modular Exponentiation with Optimal Checkability Based on Single Untrusted Server. , 2018, , .		4
278	Energy-Efficient Virtual Network Function Placement in Telecom Networks. , 2018, , .		14
279	A Trust-Grained Personalized Privacy-Preserving Scheme for Big Social Data. , 2018, , .		4
280	Analyzing and Modelling the Interference Impact on Energy Efficiency of WLANs. , 2018, , .		6
281	Secure outsourcing algorithms of modular exponentiations with optimal checkability based on a single untrusted cloud server. Cluster Computing, 2018, 21, 1933-1947.	5.0	12
282	High Energy Efficiency Transmission in MIMO Satellite Communications. , 2018, , .		3
283	Inference Attack in Android Activity based on Program Fingerprint. , 2018, , .		1
284	Data integrity verification of the outsourced big data in the cloud environment: A survey. Journal of Network and Computer Applications, 2018, 122, 1-15.	9.1	66
285	A Collaborative Data Collection Scheme Based on Optimal Clustering for Wireless Sensor Networks. Sensors, 2018, 18, 2487.	3.8	14
286	A Hybrid Privacy Protection Scheme in Cyber-Physical Social Networks. IEEE Transactions on Computational Social Systems, 2018, 5, 773-784.	4.4	59
287	An On-Demand Defense Scheme Against DNS Cache Poisoning Attacks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 793-807.	0.3	1
288	Full Cycle Campus Life of College Students: A Big Data Case in China. , 2018, , .		4

#	Article	IF	Citations
289	Privacy-preserving composite modular exponentiation outsourcing with optimal checkability in single untrusted cloud server. Journal of Network and Computer Applications, 2018, 118, 102-112.	9.1	18
290	A Cloud Service Enhanced Method Supporting Context-Aware Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 277-290.	0.3	2
291	A Novel Multipath-Transmission Supported Software Defined Wireless Network Architecture. IEEE Access, 2017, 5, 2111-2125.	4.2	24
292	A Sleeping and Offloading Optimization Scheme for Energy-Efficient WLANs. IEEE Communications Letters, 2017, 21, 877-880.	4.1	7
293	Are current resources in SDN allocated to maximum performance and minimize costs and maintaining QoS problems?. , 2017, , .		5
294	Resource Allocation in Space Multiaccess Systems. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 598-618.	4.7	73
295	A Scalable and Smart Hierarchical Wireless Communication Architecture Based on Network/User Separation. IEEE Wireless Communications, 2017, 24, 18-24.	9.0	15
296	Online multi-objective optimization for live video forwarding across video data centers. Journal of Visual Communication and Image Representation, 2017, 48, 502-513.	2.8	6
297	Modeling and performance analysis for multimedia data flows scheduling in software defined networks. Journal of Network and Computer Applications, 2017, 83, 89-100.	9.1	15
298	Privacy preserving in big data sets through multiple shuffle. , 2017, , .		5
299	Network Traffic Prediction Based on Deep Belief Network in Wireless Mesh Backbone Networks. , 2017, , .		76
300	A non-cooperative non-zero-sum game-based dependability assessment of heterogeneous WSNs with malware diffusion. Journal of Network and Computer Applications, 2017, 91, 26-35.	9.1	37
301	The structure of communities in scale€free networks. Concurrency Computation Practice and Experience, 2017, 29, e4040.	2.2	11
302	FogRoute: DTN-based Data Dissemination Model in Fog Computing. IEEE Internet of Things Journal, 2017, , 1-1.	8.7	44
303	Local Fast Reroute With Flow Aggregation in Software Defined Networks. IEEE Communications Letters, 2017, 21, 785-788.	4.1	31
304	Identifying Propagation Sources in Networks: State-of-the-Art and Comparative Studies. IEEE Communications Surveys and Tutorials, 2017, 19, 465-481.	39.4	148
305	Locator/Identifier Split Networking: A Promising Future Internet Architecture. IEEE Communications Surveys and Tutorials, 2017, 19, 2927-2948.	39.4	59
306	On the two time scale characteristics of wireless high speed railway networks. , 2017, , .		2

#	Article	IF	Citations
307	Big data set privacy preserving through sensitive attribute-based grouping. , 2017, , .		18
308	Loss-aware adaptive scalable transmission in wireless high-speed railway networks. , 2017, , .		7
309	Modeling software defined satellite networks using queueing theory. , 2017, , .		7
310	Mobile Live Video Streaming Optimization via Crowdsourcing Brokerage. IEEE Transactions on Multimedia, 2017, 19, 2267-2281.	7.2	7
311	Enhancing Crowd Collaborations for Software Defined Vehicular Networks. IEEE Communications Magazine, 2017, 55, 80-86.	6.1	102
312	Amplified Locality-Sensitive Hashing for Privacy-Preserving Distributed Service Recommendation. Lecture Notes in Computer Science, 2017, , 280-297.	1.3	6
313	Editorial: special issue on â€œbig data security and privacyâ€• Digital Communications and Networks, 2017, 3, 211-212.	5.0	2
314	Scoring Usersâ€™ Privacy Disclosure Across Multiple Online Social Networks. IEEE Access, 2017, 5, 13118-13130.	4.2	68
315	Impairment- and Splitting-Aware Cloud-Ready Multicast Provisioning in Elastic Optical Networks. IEEE/ACM Transactions on Networking, 2017, 25, 1220-1234.	3.8	48
316	Fog Computing and Its Applications in 5G. , 2017, , 571-593.		22
317	Social influence modeling using information theory in mobile social networks. Information Sciences, 2017, 379, 146-159.	6.9	145
318	An energyâ€'aware virtual machine scheduling method for service QoS enhancement in clouds over big data. Concurrency Computation Practice and Experience, 2017, 29, e3909.	2.2	22
319	A Parallel Random Forest Algorithm for Big Data in a Spark Cloud Computing Environment. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 919-933.	5.6	324
320	Networking for Big Data: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 531-549.	39.4	174
321	Enhancing Vehicular Communication Using 5G-Enabled Smart Collaborative Networking. IEEE Wireless Communications, 2017, 24, 72-79.	9.0	65
322	A Hybrid Location Privacy Protection Scheme in Big Data Environment. , 2017, , .		6
323	HetNet: A Flexible Architecture for Heterogeneous Satellite-Terrestrial Networks. IEEE Network, 2017, 31, 86-92.	6.9	79
324	Home Location Protection in Mobile Social Networks: A Community Based Method (Short Paper). Lecture Notes in Computer Science, 2017, , 694-704.	1.3	4

#	Article	IF	Citations
325	Preferential attachment and the spreading influence of users in online social networks. , 2017, , .		2
326	Resource-Efficient Virtual Network Function Placement in Operator Networks. , 2017, , .		16
327	Fuzzy Multi-Attribute Utility Based Network Selection Approach for High-Speed Railway Scenario. , 2017, , .		3
328	Establishing secure and efficient encrypted connectivity for random cloud tenants. , 2017, , .		0
329	Flow Entry Sharing in Protection Design for Software Defined Networks. , 2017, , .		2
330	Distance-based location privacy protection in social networks. , 2017, , .		2
331	HCaching: High-Speed Caching for Information-Centric Networking. , 2017, , .		1
332	Reliability of Cloud Controlled Multi-UAV Systems for On-Demand Services. , 2017, , .		9
333	Joint Virtual Network Function Selection and Traffic Steering in Telecom Networks. , 2017, , .		8
334	How to shutdown a cloud: a DDoS attack in a private infrastructure-as-a-service cloud. International Journal of Autonomous and Adaptive Communications Systems, 2017, 10, 1.	0.3	1
335	FuzzyDP: Fuzzy-based big data publishing against inquiry attacks. , 2017, , .		3
336	Towards an Analysis of Traffic Shaping and Policing in Fog Networks Using Stochastic Fluid Models. , 2017, , .		1
337	Congestion-Aware Local Reroute for Fast Failure Recovery in Software-Defined Networks. Journal of Optical Communications and Networking, 2017, 9, 934.	4.8	39
338	Bike-Sharing System: A Big-Data Perspective. Lecture Notes in Computer Science, 2017, , 548-557.	1.3	1
339	An Evolutionary Approach for Short-Term Traffic Flow Forecasting Service in Intelligent Transportation System. Lecture Notes in Computer Science, 2017, , 477-486.	1.3	2
340	A scalable and automatic mechanism for resource allocation in self-organizing cloud. Peer-to-Peer Networking and Applications, 2016, 9, 28-41.	3.9	32
341	Reliability Evaluation for Clustered WSNs under Malware Propagation. Sensors, 2016, 16, 855.	3.8	26
342	Trustable service rating in social networks: A peer prediction method. , 2016, , .		6

#	Article	IF	Citations
343	Cloud Security. IEEE Cloud Computing, 2016, 3, 22-24.	3.9	1
344	Achieving Fast and Lightweight SDN Updates with Segment Routing. , 2016, , .		11
345	An Adaptive Cloudlet Placement Method for Mobile Applications over GPS Big Data. , 2016, , .		30
346	QoS Correlation-Aware Service Composition for Unified Network-Cloud Service Provisioning. , 2016, , .		5
347	A Dynamic Pricing Method for Carpooling Service Based on Coalitional Game Analysis. , 2016, , .		10
348	Traffic Matrix Prediction and Estimation Based on Deep Learning for Data Center Networks. , 2016, , .		28
349	A Popularity-Based Cache Consistency Mechanism for Information-Centric Networking. , 2016, , .		12
350	Studying the Global Spreading Influence and Local Connections of Users in Online Social Networks. , 2016, , .		0
351	Efficient and Low-Delay Task Scheduling for Big Data Clusters in a Theoretical Perspective. , 2016, , .		1
352	Analysis of the Spreading Influence Variations for Online Social Users under Attacks. , 2016, , .		1
353	DDoS attacks on data plane of software–defined network: are they possible?. Security and Communication Networks, 2016, 9, 5444-5459.	1.5	10
354	When Will You Have a New Mobile Phone? An Empirical Answer From Big Data. IEEE Access, 2016, 4, 10147-10157.	4.2	9
355	Information-agnostic coflow scheduling with optimal demotion thresholds. , 2016, , .		8
356	OSaaS: Online Shopping as a Service to Escalate E-Commerce in Developing Countries. , 2016, , .		5
357	Editorial for IEEE Access Special Section on Theoretical Foundations for Big Data Applications: Challenges and Opportunities. IEEE Access, 2016, 4, 5730-5732.	4.2	9
358	A Virtual Machine Scheduling Method for Trade-Offs Between Energy and Performance in Cloud Environment. , 2016, , .		4
359	Link State Prediction-Based Reliable Transmission for High-Speed Railway Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9617-9629.	6.3	21
360	SAT-GRD: An ID/Loc split network architecture interconnecting satellite and ground networks. , 2016, , .		14

#	Article	IF	Citations
361	Interference-Aware Coordinated Power Allocation in Autonomous Wi-Fi Environment. IEEE Access, 2016, 4, 3489-3500.	4.2	8
362	Performance Analysis of Software-Defined Network Switch Using $M/Geo/1$ Model. IEEE Communications Letters, 2016, 20, 2522-2525.	4.1	48
363	Complex network theoretical analysis on information dissemination over vehicular networks. , 2016, , .		14
364	Control layer resource management in SDN-IoT networks using multi-objective constraint. , 2016, , .		13
365	Time cumulative complexity modeling and analysis for space-based networks. , 2016, , .		4
366	A General QoS Aware Flow-Balancing and Resource Management Scheme in Distributed Software-Defined Networks. IEEE Access, 2016, 4, 7176-7185.	4.2	21
367	Traffic matrix prediction and estimation based on deep learning in large-scale IP backbone networks. Journal of Network and Computer Applications, 2016, 76, 16-22.	9.1	51
368	Breaking the Split Incentive Hurdle via Time-Varying Monetary Rewards. , 2016, , .		0
369	Privacy protection: A community-structured evolutionary game approach. , 2016, , .		5
370	Big Privacy: Challenges and Opportunities of Privacy Study in the Age of Big Data. IEEE Access, 2016, 4, 2751-2763.	4.2	306
371	FUIR: Fusing user and item information to deal with data sparsity by using side information in recommendation systems. Journal of Network and Computer Applications, 2016, 70, 41-50.	9.1	33
372	Graph Theory-Based QoE-Driven Cooperation Stimulation for Content Dissemination in Device-to-Device Communication. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 556-567.	4.6	15
373	Big data for networking [Guest Editorial]. IEEE Network, 2016, 30, 4-5.	6.9	3
374	Towards Practical and Near-Optimal Coflow Scheduling for Data Center Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3366-3380.	5.6	54
375	Big Data Storage Security. , 2016, , 237-255.		3
376	Joint Optimization of Task Scheduling and Image Placement in Fog Computing Supported Software-Defined Embedded System. IEEE Transactions on Computers, 2016, 65, 3702-3712.	3.4	343
377	A Game-Theoretic Resource Allocation Approach for Intercell Device-to-Device Communications in Cellular Networks. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 475-486.	4.6	40
378	Software-Defined Wireless Networking Opportunities and Challenges for Internet-of-Things: A Review. IEEE Internet of Things Journal, 2016, 3, 453-463.	8.7	172

#	Article	IF	Citations
379	A Feasible IP Traceback Framework through Dynamic Deterministic Packet Marking. IEEE Transactions on Computers, 2016, 65, 1418-1427.	3.4	41
380	Cost Optimal Resource Provisioning for Live Video Forwarding Across Video Data Centers. Lecture Notes in Computer Science, 2016, , 27-38.	1.3	1
381	Optimal VM placement in data centres with architectural and resource constraints. International Journal of Autonomous and Adaptive Communications Systems, 2015, 8, 392.	0.3	9
382	An Energy-Aware QoS Enhanced Method for Service Computing across Clouds and Data Centers. , 2015, , .		3
383	vGraph: Graph Virtualization towards Big Data. , 2015, , .		5
384	Enabling Efficient and Secure Outsourcing of Large Matrix Multiplications. , 2015, , .		15
385	Stability Analysis and Resource Allocation for Space-Based Multi-Access Systems. , 2015, , .		4
386	A profiling based task scheduling approach for multicore network processors. Concurrency Computation Practice and Experience, 2015, 27, 855-869.	2.2	1
387	Modeling malicious activities in cyber space. IEEE Network, 2015, 29, 83-87.	6.9	44
388	SCLPV: Secure Certificateless Public Verification for Cloud-Based Cyber-Physical-Social Systems Against Malicious Auditors. IEEE Transactions on Computational Social Systems, 2015, 2, 159-170.	4.4	87
389	Identifying Diffusion Sources in Large Networks: A Community Structure Based Approach. , 2015, , .		1
390	Dynamic access point association using Software Defined Networking. , 2015, , .		19
391	Fool Me If You Can: Mimicking Attacks and Anti-Attacks in Cyberspace. IEEE Transactions on Computers, 2015, 64, 139-151.	3.4	61
392	Learning Complementary Saliency Priors for Foreground Object Segmentation in Complex Scenes. International Journal of Computer Vision, 2015, 111, 153-170.	15.6	37
393	A Distributed Gateway Selection Algorithm for UAV Networks. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 22-33.	4.6	40
394	An Improved Stochastic Modeling of Opportunistic Routing in Vehicular CPS. IEEE Transactions on Computers, 2015, 64, 1819-1829.	3.4	19
395	Special Issue on networking aspects in Big Data. International Journal of Parallel, Emergent and Distributed Systems, 2015, 30, 3-4.	1.0	0
396	Networking for big data: part 2 [Guest Editorial]. IEEE Network, 2015, 29, 4-5.	6.9	1

#	Article	IF	Citations
397	Delay Tolerant Networks Based Applications. SpringerBriefs in Computer Science, 2015, , 9-17.	0.2	2
398	Big Data Sensing and Service: A Tutorial. , 2015, , .		14
399	Routing Protocols in Delay Tolerant Networks. SpringerBriefs in Computer Science, 2015, , 19-34.	0.2	1
400	K-Center: An Approach on the Multi-Source Identification of Information Diffusion. IEEE Transactions on Information Forensics and Security, 2015, 10, 2616-2626.	6.9	57
401	Malware Propagation in Large-Scale Networks. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 170-179.	5.7	97
402	A Decentralized Cloud Firewall Framework with Resources Provisioning Cost Optimization. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 621-631.	5.6	26
403	Consensus Building in a Local Context for the AHP-GDM With the Individual Numerical Scale and Prioritization Method. IEEE Transactions on Fuzzy Systems, 2015, 23, 354-368.	9.8	60
404	Privacy Protected Routing in Delay Tolerant Networks. SpringerBriefs in Computer Science, 2015, , 69-79.	0.2	1
405	Data Dissemination in Delay Tolerant Networks with Geographic Information. SpringerBriefs in Computer Science, 2015, , 53-67.	0.2	0
406	Are the popular users always important for information dissemination in online social networks?. IEEE Network, 2014, 28, 64-67.	6.9	14
407	Networking for big data [Guest Editorial]. IEEE Network, 2014, 28, 4-4.	6.9	4
408	DDoS Attack Detection. SpringerBriefs in Computer Science, 2014, , 31-53.	0.2	6
409	Network dynamics of mobile social networks. , 2014, , .		1
410	An Effective and Feasible Traceback Scheme in Mobile Internet Environment. IEEE Communications Letters, 2014, 18, 1911-1914.	4.1	12
411	Smartphone Malware and Its Propagation Modeling: A Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 925-941.	39.4	135
412	Propagation model of smartphone worms based on semi-Markov process and social relationship graph. Computers and Security, 2014, 44, 92-103.	6.0	34
413	Distributed Denial of Service (DDoS) detection by traffic pattern analysis. Peer-to-Peer Networking and Applications, 2014, 7, 346-358.	3.9	31
414	On the Multicast Lifetime of WANETs with Multibeam Antennas: Formulation, Algorithms, and Analysis. IEEE Transactions on Computers, 2014, 63, 1988-2001.	3.4	7

#	Article	IF	Citations
415	Distributed Denial of Service Attack and Defense. SpringerBriefs in Computer Science, 2014, , .	0.2	33
416	Can We Beat DDoS Attacks in Clouds?. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2245-2254.	5.6	189
417	Type-aware task placement in geo-distributed data centers with low OPEX using data center resizing. , 2014, , .		1
418	Containing smartphone worm propagation with an influence maximization algorithm. Computer Networks, 2014, 74, 103-113.	5.1	18
419	Byzantine-resilient secure software-defined networks with multiple controllers. , 2014, , .		25
420	To Shut Them Up or to Clarify: Restraining the Spread of Rumors in Online Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3306-3316.	5.6	99
421	A clusterized firewall framework for cloud computing. , 2014, , .		7
422	Detection on application layer DDoS using random walk model. , 2014, , .		19
423	Reliable Multicast with Pipelined Network Coding Using Opportunistic Feeding and Routing. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3264-3273.	5.6	155
424	Enabling Efficient and Secure Outsourcing of Large Matrix Multiplications. , 2014, , .		0
425	Stability Analysis and Resource Allocation for Space-Based Multi-Access Systems. , 2014, , .		2
426	A hierarchical pea-based anomaly detection model. , 2013, , .		0
427	Numerical scales generated individually for analytic hierarchy process. European Journal of Operational Research, 2013, 229, 654-662.	5.7	53
428	Multidimensional Routing Protocol in Human-Associated Delay-Tolerant Networks. IEEE Transactions on Mobile Computing, 2013, 12, 2132-2144.	5.8	29
429	DDoS Attack Detection at Local Area Networks Using Information Theoretical Metrics. , 2013, , .		34
430	A general cloud firewall framework with dynamic resource allocation. , 2013, , .		22
431	Modeling Malware Propagation in Smartphone Social Networks. , 2013, , .		9
432	Linguistic Computational Model Based on 2-Tuples and Intervals. IEEE Transactions on Fuzzy Systems, 2013, 21, 1006-1018.	9.8	157

#	Article	IF	Citations
433	A dynamical Deterministic Packet Marking scheme for DDoS traceback. , 2013, , .		5
434	Modeling Oscillation Behavior of Network Traffic by Nested Hidden Markov Model with Variable State-Duration. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1807-1817.	5.6	30
435	Secure RFID Tag Ownership Transfer Based on Quadratic Residues. IEEE Transactions on Information Forensics and Security, 2013, 8, 390-401.	6.9	41
436	A survey and tutorial of wireless relay network protocols based on network coding. Journal of Network and Computer Applications, 2013, 36, 593-610.	9.1	32
437	Modeling the dynamics of worm propagation using two-dimensional cellular automata in smartphones. Journal of Computer and System Sciences, 2013, 79, 586-595.	1.2	37
438	Mining Mechanism of Top-k Influential Nodes Based on Voting Algorithm in Mobile Social Networks. , 2013, , .		6
439	Stochastic modeling and analysis of opportunistic computing in intermittent mobile cloud. , 2013, , .		2
440	A Bio-inspired Jamming Detection and Restoration for WMNs: In View of Adaptive Immunology. Lecture Notes in Computer Science, 2013, , 243-257.	1.3	3
441	Attacking Anonymous Web Browsing at Local Area Networks Through Browsing Dynamics. Computer Journal, 2012, 55, 410-421.	2.4	10
442	Can we beat legitimate cyber behavior mimicking attacks from botnets?. , 2012, , .		30
443	AMDD: Exploring Entropy Based Anonymous Multi-dimensional Data Detection for Network Optimization in Human Associated DTNs. , 2012, , .		1
444	DDoS discrimination by Linear Discriminant Analysis (LDA). , 2012, , .		18
445	Message from TrustCom Workshop/Symposium Chairs. , 2012, , .		0
446	Securing Recommendations in Grouped P2P E-Commerce Trust Model. IEEE Transactions on Network and Service Management, 2012, 9, 407-420.	4.9	5
447	A minimum disclosure approach to authentication and privacy in RFID systems. Computer Networks, 2012, 56, 3401-3416.	5.1	31
448	Discriminating DDoS Attacks from Flash Crowds Using Flow Correlation Coefficient. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1073-1080.	5.6	159
449	An interior point trust region method for nonnegative matrix factorization. Neurocomputing, 2012, 97, 309-316.	5.9	3
450	Why it is Hard to Fight against Cyber Criminals?. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
451	CodePipe: An opportunistic feeding and routing protocol for reliable multicast with pipelined network coding. , 2012, , .		33
452	An efficient deadlock prevention approach for service oriented transaction processing. Computers and Mathematics With Applications, 2012, 63, 458-468.	2.7	4
453	Least square completion and inconsistency repair methods for additively consistent fuzzy preference relations. Fuzzy Sets and Systems, 2012, 198, 1-19.	2.7	100
454	M-Dimension: Multi-characteristics based routing protocol in human associated delay-tolerant networks with improved performance over one dimensional classic models. Journal of Network and Computer Applications, 2012, 35, 1285-1296.	9.1	11
455	A Dual-Channel Time-Spread Echo Method for Audio Watermarking. IEEE Transactions on Information Forensics and Security, 2012, 7, 383-392.	6.9	92
456	Predicted Packet Padding for Anonymous Web Browsing Against Traffic Analysis Attacks. IEEE Transactions on Information Forensics and Security, 2012, 7, 1381-1393.	6.9	29
457	Reliable Aggregation on Network Traffic for Web Based Knowledge Discovery. , 2012, , 149-159.		0
458	Discriminating DDoS attack traffic from flash crowd through packet arrival patterns. , 2011, , .		45
459	Selecting the Individual Numerical Scale and Prioritization Method in the Analytic Hierarchy Process: A 2-Tuple Fuzzy Linguistic Approach. IEEE Transactions on Fuzzy Systems, 2011, 19, 13-25.	9.8	98
460	On the maximum throughput of two-hop wireless network coding. , 2011, , .		9
461	Multicast Lifetime Maximization Using Network Coding in Lossy Wireless Ad Hoc Networks. , 2011, , .		0
462	Browsing behavior mimicking attacks on popular web sites for large botnets. , 2011, , .		5
463	CBF: A Packet Filtering Method for DDoS Attack Defense in Cloud Environment. , 2011, , .		51
464	A Survey on Latest Botnet Attack and Defense. , 2011, , .		37
465	Utilizing Intelligent Middleware for Reconfiguration of Applications on Android. Lecture Notes in Computer Science, 2011, , 81-89.	1.3	2
466	A novel mutual authentication scheme with minimum disclosure for RFID systems. , 2011, , .		1
467	Traceback of DDoS Attacks Using Entropy Variations. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 412-425.	5.6	148
468	Orthogonal feedback scheme for network coding. Journal of Network and Computer Applications, 2011, 34, 1623-1633.	9.1	1

#	Article	IF	Citations
469	Survey of network coding-aware routing protocols in wireless networks. Journal of Network and Computer Applications, 2011, 34, 1956-1970.	9.1	55
470	CM-Based Blind Equalization of Time-Varying SIMO-FIR Channel With Single Pulsation Estimation. IEEE Transactions on Vehicular Technology, 2011, 60, 2410-2415.	6.3	13
471	Non-monotone averaging aggregation. , 2011, , .		6
472	A Novel Monotonic Fixed-Point Algorithm for l 1-Regularized Least Square Vector and Matrix Problem. Communications in Computer and Information Science, 2011, , 476-483.	0.5	0
473	Anonymous web browsing through predicted pages. , 2010, , .		3
474	Efficient Web Browsing with Perfect Anonymity Using Page Prefetching. Lecture Notes in Computer Science, 2010, , 1-12.	1.3	9
475	Improving the QoS for information discovery in autonomic wireless sensor networks. Pervasive and Mobile Computing, 2009, 5, 334-349.	3.3	8
476	Linguistic multiperson decision making based on the use of multiple preference relations. Fuzzy Sets and Systems, 2009, 160, 603-623.	2.7	120
477	Discriminating DDoS Flows from Flash Crowds Using Information Distance. , 2009, , .		44
478	Computing the Numerical Scale of the Linguistic Term Set for the 2-Tuple Fuzzy Linguistic Representation Model. IEEE Transactions on Fuzzy Systems, 2009, 17, 1366-1378.	9.8	300
479	Effective DDoS Attacks Detection Using Generalized Entropy Metric. Lecture Notes in Computer Science, 2009, , 266-280.	1.3	11
480	Information theory based detection against network behavior mimicking DDoS attacks. IEEE Communications Letters, 2008, 12, 318-321.	4.1	46
481	Entropy-Based Collaborative Detection of DDOS Attacks on Community Networks. , 2008, , .		24
482	A Transformation Model for Heterogeneous Servers. , 2008, , .		6
483	A Cross-Authentication Model for Heterogeneous Domains in Active Networks. , 2007, , .		3
484	Massive Data Delivery in Unstructured Peer-to-Peer Networks with Network Coding. , 2007, , .		3
485	A Parallel Downloading Algorithm for Redundant Networks. , 2007, , .		2
486	A Resource-Search and Routing Algorithm within PCDN Autonomy Area. , 2007, , .		5

#	Article	IF	Citations
487	Novel Data Management Algorithms in Peer-to-Peer Content Distribution Networks. Lecture Notes in Computer Science, 2007, , 538-543.	1.3	4
488	A Cross-Authentication Model for Heterogeneous Domains in Active Networks. , 2007, , .		0
489	A Resource-Search and Routing Algorithm within PCDN Autonomy Area. , 2007, , .		0
490	An Efficient Reliable Architecture for Application Layer Anycast Service. Lecture Notes in Computer Science, 2005, , 376-385.	1.3	0
491	A Load Balancing Algorithm for Web Based Server Grids. Lecture Notes in Computer Science, 2004, , 121-128.	1.3	0
492	Minicast: A Multicast-Anycast Protocol for Message Delivery. Lecture Notes in Computer Science, 2004, , 798-803.	1.3	0
493	Self-adaptive clock synchronization for computational grid. Journal of Computer Science and Technology, 2003, 18, 434-441.	1.5	1
494	IMPROVING THE PERFORMANCE OF THE LMS AND RLS ALGORITHMS FOR ADAPTIVE EQUALIZER. , 2003, , .		0
495	An Efficient Algorithm for Application-Layer Anycasting. Lecture Notes in Computer Science, 2002, , 74-83.	1.3	7
496	A new safety mechanism of active networks. , 0, , .		0
497	Research on network anycast. , 0, , .		6
498	A Co-Recommendation Algorithm for Web searching. , 0, , .		1
499	A Web-DB model on multicast and anycast. , 0, , .		0
500	A Novel Middleware Based Web Database Model. , 0, , .		0