Ning Zhang

List of Publications by Year
in descending order

274 papers	12,214 citations	22153 59 h-index	36028 97 g-index
289 all docs	289 docs citations	289 times ranked	9226 citing authors

#	Article	IF	Citations
1	Towards Diversified IoT Image Recognition Services in Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2023, 11, 666-677.	4.4	4
2	FedSTN: Graph Representation Driven Federated Learning for Edge Computing Enabled Urban Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8738-8748.	8.0	25
3	LVBS: Lightweight Vehicular Blockchain for Secure Data Sharing in Disaster Rescue. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 19-32.	5.4	116
4	Incentive-Driven Task Allocation for Collaborative Edge Computing in Industrial Internet of Things. IEEE Internet of Things Journal, 2022, 9, 706-718.	8.7	17
5	Secure and Efficient Federated Learning for Smart Grid With Edge-Cloud Collaboration. IEEE Transactions on Industrial Informatics, 2022, 18, 1333-1344.	11.3	85
6	Delta Encoding Correction for Mobile Edge Caching in Internet of Vehicles. IEEE Systems Journal, 2022, 16, 3805-3816.	4.6	0
7	Differential Game Approach for Attack-Defense Strategy Analysis in Internet of Things Networks. IEEE Internet of Things Journal, 2022, 9, 10340-10353.	8.7	7
8	ContainerGuard: A Real-Time Attack Detection System in Container-Based Big Data Platform. IEEE Transactions on Industrial Informatics, 2022, 18, 3327-3336.	11.3	17
9	Blockchain-Empowered Space-Air-Ground Integrated Networks: Opportunities, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2022, 24, 160-209.	39.4	66
10	Blockchain-Based Secure and Cooperative Private Charging Pile Sharing Services for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1857-1874.	6.3	31
11	Reliable Detection of Transmit-Antenna Number for MIMO Systems in Cognitive Radio-Enabled Internet of Things. IEEE Internet of Things Journal, 2022, 9, 11324-11335.	8.7	3
12	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
13	A Secure and Efficient Wireless Charging Scheme for Electric Vehicles in Vehicular Energy Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1491-1508.	6.3	21
14	GAN and Multi-Agent DRL Based Decentralized Traffic Light Signal Control. IEEE Transactions on Vehicular Technology, 2022, 71, 1333-1348.	6.3	12
15	Energy-Efficient Resource Allocation for Mobile Edge Computing With Multiple Relays. IEEE Internet of Things Journal, 2022, 9, 10732-10750.	8.7	9
16	Age-Oriented Transmission Protocol Design in Space-Air-Ground Integrated Networks. IEEE Transactions on Wireless Communications, 2022, 21, 5573-5585.	9.2	10
17	Performance Analysis of the Hybrid Satellite-Terrestrial Relay Network With Opportunistic Scheduling Over Generalized Fading Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 2914-2924.	6.3	68
18	Energy-Efficient Collaborative Offloading in NOMA-Enabled Fog Computing for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 13794-13807.	8.7	12

#	Article	IF	Citations
19	Partial Self-Concatenation Structure and Performance Analysis of Spinal Codes Over Rayleigh Fading Channel. IEEE Transactions on Vehicular Technology, 2022, 71, 6767-6771.	6.3	0
20	Mobile Wireless Rechargeable UAV Networks: Challenges and Solutions. IEEE Communications Magazine, 2022, 60, 33-39.	6.1	26
21	Guest Editorial Special Issue on Space–Air–Ground-Integrated Networks for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 5666-5669.	8.7	2
22	Latency Minimization of Reverse Offloading in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 5343-5357.	6.3	28
23	A blockchain consensus mechanism that uses Proof of Solution to optimize energy dispatch and trading. Nature Energy, 2022, 7, 495-502.	39.5	39
24	Eavesdropping and Anti-Eavesdropping Game in UAV Wiretap System: A Differential Game Approach. IEEE Transactions on Wireless Communications, 2022, 21, 9906-9920.	9.2	4
25	FedTSE: Low-Cost Federated Learning for Privacy-Preserved Traffic State Estimation in IoV. , 2022, , .		3
26	On Carrier Scheme Convergence: A WFRFT-based Hybrid Carrier Scheme Demonstration. , 2022, , .		0
27	Joint task offloading and resource allocation in mobile edge computing with energy harvesting. Journal of Cloud Computing: Advances, Systems and Applications, 2022, 11, .	3.9	5
28	TOFFEE: Task Offloading and Frequency Scaling for Energy Efficiency of Mobile Devices in Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2021, 9, 1634-1644.	4.4	101
29	Energy Efficient Dynamic Offloading in Mobile Edge Computing for Internet of Things. IEEE Transactions on Cloud Computing, 2021, 9, 1050-1060.	4.4	184
30	Delay-Aware VNF Scheduling: A Reinforcement Learning Approach With Variable Action Set. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 304-318.	7.9	40
31	DeepEDN: A Deep-Learning-Based Image Encryption and Decryption Network for Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 1504-1518.	8.7	119
32	Variational Graph Neural Networks for Road Traffic Prediction in Intelligent Transportation Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 2802-2812.	11.3	67
33	Energy-Efficient Content Placement With Coded Transmission in Cache-Enabled Hierarchical Industrial Internet of Things Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 5699-5708.	11.3	8
34	Wireless-Powered Over-the-Air Computation in Intelligent Reflecting Surface-Aided IoT Networks. IEEE Internet of Things Journal, 2021, 8, 1585-1598.	8.7	72
35	An Attention-Based Deep Learning Framework for Trip Destination Prediction of Sharing Bike. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4601-4610.	8.0	38
36	Learning in the Air: Secure Federated Learning for UAV-Assisted Crowdsensing. IEEE Transactions on Network Science and Engineering, 2021, 8, 1055-1069.	6.4	119

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37	A Cloud-Guided Feature Extraction Approach for Image Retrieval in Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2021, 20, 292-305.	5.8	33
38	Delay-Aware Microservice Coordination in Mobile Edge Computing: A Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2021, 20, 939-951.	5.8	217
39	Spinal Codes Over Fading Channel: Error Probability Analysis and Encoding Structure Improvement. IEEE Transactions on Wireless Communications, 2021, 20, 8288-8300.	9.2	4
40	Computation Rate Maximization for Intelligent Reflecting Surface Enhanced Wireless Powered Mobile Edge Computing Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 10820-10831.	6.3	69
41	Nonlinear Pricing Based Distributed Offloading in Multi-User Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 1077-1082.	6.3	9
42	Secrecy Performance Analysis of Air-to-Ground Communication With UAV Jitter and Multiple Random Walking Eavesdroppers. IEEE Transactions on Vehicular Technology, 2021, 70, 572-584.	6.3	17
43	Secure Content Delivery in Two-Tier Cache-Enabled mmWave Heterogeneous Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 1640-1654.	6.9	6
44	UAV-Aided Covert Communication With a Multi-Antenna Jammer. IEEE Transactions on Vehicular Technology, 2021, 70, 11619-11631.	6.3	19
45	Joint Placement of UPF and Edge Server for 6G Network. IEEE Internet of Things Journal, 2021, 8, 16370-16378.	8.7	10
46	Vehicle Assisted Computing Offloading for Unmanned Aerial Vehicles in Smart City. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1932-1944.	8.0	67
47	A Coded Distributed Computing Framework for Task Offloading from Multi-UAV to Edge Servers. , 2021, , .		5
48	Physical Layer Group Authentication in mMTC Networks with NOMA. , 2021, , .		3
49	Online Learning Aided Adaptive Multiple Attribute-Based Physical Layer Authentication in Dynamic Environments. IEEE Transactions on Network Science and Engineering, 2021, 8, 1106-1116.	6.4	4
50	Computation Offloading in Beyond 5G Networks: A Distributed Learning Framework and Applications. IEEE Wireless Communications, 2021, 28, 56-62.	9.0	100
51	A trusted energy trading framework by marrying blockchain and optimization. Advances in Applied Energy, 2021, 2, 100029.	13.2	53
52	Three-factor authentication protocol using physical unclonable function for IoV. Computer Communications, 2021, 173, 45-55.	5.1	58
53	FLeX: Trading Edge Computing Resources for Federated Learning via Blockchain. , 2021, , .		8
54	Demonstrating Physical Layer Security Via Weighted Fractional Fourier Transform. , 2021, , .		2

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55	A Privacy-Aware and Traceable Fine-Grained Data Delivery System in Cloud-Assisted Healthcare IIoT. IEEE Internet of Things Journal, 2021, 8, 10034-10046.	8.7	11
56	Energy-Efficient UAV-Enabled Data Collection via Wireless Charging: A Reinforcement Learning Approach. IEEE Internet of Things Journal, 2021, 8, 10209-10219.	8.7	61
57	Analysis and Optimization of Spinal Codes over the BSC: from the AoI Perspective. , 2021, , .		0
58	QoE-Driven Edge Caching in Vehicle Networks Based on Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 5286-5295.	6.3	42
59	Age-optimal Transmission Policy for Intelligent HARQ-CC aided NOMA Systems. , 2021, , .		3
60	Multiple High-Order Cumulants-Based Spectrum Sensing in Full-Duplex-Enabled Cognitive IoT Networks. IEEE Internet of Things Journal, 2021, 8, 9330-9343.	8.7	10
61	Random Access with and without Sensing in Non-Terrestrial Networks for Timely Updates. , 2021, , .		0
62	Reverse Offloading for Latency Minimization in Vehicular Edge Computing. , 2021, , .		9
63	Load- and Mobility-Aware Cooperative Content Delivery in SAG Integrated Vehicular Networks. , 2021, , .		1
64	Age-optimal Power Allocation Policies for NOMA and Hybrid NOMA/OMA Systems. , 2021, , .		5
65	Guest Editorial: AI Empowered Communication and Computing Systems for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 4914-4916.	11.3	2
66	Multiservice Function Chain Embedding With Delay Guarantee: A Game-Theoretical Approach. IEEE Internet of Things Journal, 2021, 8, 11219-11232.	8.7	15
67	Delay-Aware and Energy-Efficient Computation Offloading in Mobile-Edge Computing Using Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 881-892.	7.9	101
68	DND: Driver Node Detection for Control Message Diffusion in Smart Transportations. IEEE Transactions on Network and Service Management, 2021, 18, 3583-3594.	4.9	2
69	ROBINA: Rotational Orbit-Based Inter-Node Adjustment for Acoustic Routing Path in the Internet of Underwater Things (IoUTs). Sensors, 2021, 21, 5968.	3.8	2
70	ToStaGAN: An end-to-end two-stage generative adversarial network for brain tumor segmentation. Neurocomputing, 2021, 462, 141-153.	5.9	29
71	SPDS: A Secure and Auditable Private Data Sharing Scheme for Smart Grid Based on Blockchain. IEEE Transactions on Industrial Informatics, 2021, 17, 7688-7699.	11.3	71
72	Repair Delay Analysis of Mobile Storage Systems Using Erasure Codes and Relay Cooperation. IEEE Transactions on Vehicular Technology, 2021, 70, 10580-10593.	6.3	2

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73	Covert Wireless Communication With Spectrum Mask in Internet of Things Networks. IEEE Transactions on Communications, 2021, 69, 8402-8415.	7.8	5
74	Optimizing Federated Learning in Distributed Industrial IoT: A Multi-Agent Approach. IEEE Journal on Selected Areas in Communications, 2021, 39, 3688-3703.	14.0	84
75	Joint Road Side Units Selection and Resource Allocation in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 13190-13204.	6.3	18
76	A survey on sleep mode techniques for ultra-dense networks in 5G and beyond. Computer Networks, 2021, 201, 108567.	5.1	25
77	Machine Learning-Based Beam Alignment in mmWave Networks. Wireless Networks, 2021, , 37-71.	0.5	0
78	Literature Review of mmWave Networks. Wireless Networks, 2021, , 15-36.	0.5	2
79	Beamforming-Aided Cooperative Edge Caching in mmWave Dense Networks. Wireless Networks, 2021, , 121-155.	0.5	0
80	Disaster Relief Wireless Networks: Challenges and Solutions. IEEE Wireless Communications, 2021, 28, 148-155.	9.0	18
81	Deep Reinforcement Learning Aided Task Partitioning and Computation Offloading in Mobile Edge Computing. , 2021, , .		1
82	QoE-driven Mobile 360 Video Streaming: Predictive View Generation and Dynamic Tile Selection. , 2021, , .		4
83	Service Coordination in the Space-Air-Ground Integrated Network. IEEE Network, 2021, 35, 168-173.	6.9	14
84	Beamforming Training Protocol Design and Analysis. Wireless Networks, 2021, , 73-119.	0.5	0
85	Toward Physical Layer Security via Two-dimensional Weighted Fractional Fourier Transform Based Spatial Modulation. , 2021, , .		0
86	Edge Learning for Low-Latency Video Analytics: Query Scheduling and Resource Allocation. , 2021, , .		9
87	Just-Noticeable-Difference Based Coding and Rate Control of Mobile 360Â° Video Streaming. , 2021, , .		2
88	Improper Gaussian Signaling Based Covert Wireless Communication in IoT Networks. , 2021, , .		3
89	Physical Layer based Message Authentication with Secure Channel Codes. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 1079-1093.	5.4	38
90	Exploiting Error-Correction-CRC for Polar SCL Decoding: A Deep Learning-Based Approach. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 817-828.	7.9	15

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91	Repairable Fountain Coded Storage Systems for Multi-Tier Mobile Edge Caching Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2310-2322.	6.4	14
92	Edge Coordinated Query Configuration for Low-Latency and Accurate Video Analytics. IEEE Transactions on Industrial Informatics, 2020, 16, 4855-4864.	11.3	57
93	Channel-Based Optimal Back-Off Delay Control in Delay-Constrained Industrial WSNs. IEEE Transactions on Wireless Communications, 2020, 19, 696-711.	9.2	16
94	A Two-Dimensional Vectorized Secure Transmission Scheme for Wireless Communications. IEEE Transactions on Information Forensics and Security, 2020, 15, 2336-2345.	6.9	2
95	Optimal Resource Allocation in Wireless Powered Relay Networks With Nonlinear Energy Harvesters. IEEE Wireless Communications Letters, 2020, 9, 371-375.	5.0	6
96	Error Correction CP-BZD Storage Codes for Content Delivery in Drive-Thru Internet. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4869-4882.	8.0	3
97	Air-Ground Integrated Mobile Edge Networks: A Survey. IEEE Access, 2020, 8, 125998-126018.	4.2	51
98	AI-Empowered Maritime Internet of Things: A Parallel-Network-Driven Approach. IEEE Network, 2020, 34, 54-59.	6.9	28
99	Collaborative Computing in Vehicular Networks: A Deep Reinforcement Learning Approach. , 2020, , .		7
100	Joint Route Selection and Charging Discharging Scheduling of EVs in V2G Energy Network. IEEE Transactions on Vehicular Technology, 2020, 69, 10630-10641.	6.3	36
101	Sweet: Secure Wireless Energy Transfer with Electric Vehicles in Vehicular Energy Networks. , 2020, , .		6
102	Unified Biometric Privacy Preserving Three-Factor Authentication and Key Agreement for Cloud-Assisted Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 9390-9401.	6.3	160
103	mmWave IEEE 802.11ay for 5G Fixed Wireless Access. IEEE Wireless Communications, 2020, 27, 88-95.	9.0	30
104	Age-Optimal Mobile Elements Scheduling for Recharging and Data Collection in Green IoT. IEEE Access, 2020, 8, 81765-81775.	4.2	8
105	Physical-Layer Authentication for Internet of Things via WFRFT-Based Gaussian Tag Embedding. IEEE Internet of Things Journal, 2020, 7, 9001-9010.	8.7	50
106	Deep Reinforcement Learning Based Online Network Selection in CRNs With Multiple Primary Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 7691-7699.	11.3	16
107	Energy and Information Management of Electric Vehicular Network: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 967-997.	39.4	47
108	Performance Analysis and Enhancement of Beamforming Training in 802.11ad. IEEE Transactions on Vehicular Technology, 2020, 69, 5293-5306.	6.3	13

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109	Secure and Lightweight Authentication With Key Agreement for Smart Wearable Systems. IEEE Internet of Things Journal, 2020, 7, 7334-7344.	8.7	17
110	Deep Reinforcement Learning for Throughput Improvement of the Uplink Grant-Free NOMA System. IEEE Internet of Things Journal, 2020, 7, 6369-6379.	8.7	71
111	Energy-Efficient and Secure Air-to-Ground Communication With Jittering UAV. IEEE Transactions on Vehicular Technology, 2020, 69, 3954-3967.	6.3	58
112	Trust Based Secure Content Delivery in Vehicular Networks: A Bargaining Game Theoretical Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 3267-3279.	6.3	22
113	Joint Unmanned Aerial Vehicle (UAV) Deployment and Power Control for Internet of Things Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 4367-4378.	6.3	55
114	A Survey of Distributed Consensus Protocols for Blockchain Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1432-1465.	39.4	470
115	Cell-Edge User Offloading via Flying UAV in Non-Uniform Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2020, 19, 2411-2426.	9.2	31
116	Virtualization Enabled Multi-Point Cooperation with Convergence of Communication, Caching, and Computing. IEEE Network, 2020, 34, 94-100.	6.9	2
117	PrivacyGuard: Enforcing Private Data Usage Control with Blockchain and Attested Off-Chain Contract Execution. Lecture Notes in Computer Science, 2020, , 610-629.	1.3	35
118	Resource Allocation in SDN/NFV-Enabled 5G Networks. , 2020, , 1218-1222.		0
119	Multiuser Scheduling for Minimizing Age of Information in Uplink MIMO Systems. , 2020, , .		16
120	Distributed Task Offloading and Resource Allocation in Vehicular Edge Computing. , 2020, , .		2
121	Security-Aware Resource Sharing in Software Defined Air-Ground Integrated Networks: A Game Approach. , 2020, , .		4
122	DeepSlicing: Deep Reinforcement Learning Assisted Resource Allocation for Network Slicing. , 2020, , .		23
123	Resource Allocation in UAV-Aided Wireless Networks. , 2020, , 1222-1225.		0
124	Hybrid Carrier and STBC based Impulsive Noise Suppression for Substation Communications. , 2020, , .		1
125	Learning Enabled Adaptive Multiple Attribute-based Physical Layer Authentication. , 2020, , .		1
126	Performance Analysis for Cache-enabled Cellular Networks with Cooperative Transmission. , 2020, , .		0

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127	Scalable Modulation based Computation Offloading in Vehicular Edge Computing System. , 2020, , .		3
128	Intelligent Resource Allocation in UAV-Enabled Mobile Edge Computing Networks. , 2020, , .		5
129	Joint Offloading and Resource Allocation for Scalable Vehicular Edge Computing. , 2020, , .		5
130	Channel Precoding Based Message Authentication in Wireless Networks: Challenges and Solutions. IEEE Network, 2019, 33, 99-105.	6.9	21
131	Reward or Penalty: Aligning Incentives of Stakeholders in Crowdsourcing. IEEE Transactions on Mobile Computing, 2019, 18, 974-985.	5.8	23
132	RAV: Relay Aided Vectorized Secure Transmission in Physical Layer Security for Internet of Things Under Active Attacks. IEEE Internet of Things Journal, 2019, 6, 8496-8506.	8.7	48
133	Joint Computation and Communication Resource Allocation for Energy-Efficient Mobile Edge Networks. , 2019, , .		8
134	A Novel Charging Scheme for Electric Vehicles With Smart Communities in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8487-8501.	6.3	56
135	Streaming Transfer Model and Forward Scheme for Satellite Opportunistic Network. , 2019, , .		0
136	Joint Multi-User Computation Offloading and Data Caching for Hybrid Mobile Cloud/Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 11018-11030.	6.3	66
137	Trust-Evaluation-Based Intrusion Detection and Reinforcement Learning in Autonomous Driving. IEEE Network, 2019, 33, 54-60.	6.9	33
138	Fast mmwave Beam Alignment via Correlated Bandit Learning. IEEE Transactions on Wireless Communications, 2019, 18, 5894-5908.	9.2	89
139	Reinforcement Learning Based VNF Scheduling with End-to-End Delay Guarantee. , 2019, , .		6
140	Two-Factor Authentication Protocol Using Physical Unclonable Function for IoV. , 2019, , .		24
141	Asymptotic Optimal Edge Resource Allocation for Video Streaming via User Preference Prediction. , 2019, , .		5
142	Optimizing Trajectory of Unmanned Aerial Vehicles for Efficient Data Acquisition: A Matrix Completion Approach. IEEE Internet of Things Journal, 2019, 6, 1829-1840.	8.7	65
143	DDC: Dynamic duty cycle for improving delay and energy efficiency in wireless sensor networks. Journal of Network and Computer Applications, 2019, 131, 16-27.	9.1	78
144	Beef Up mmWave Dense Cellular Networks With D2D-Assisted Cooperative Edge Caching. IEEE Transactions on Vehicular Technology, 2019, 68, 3890-3904.	6.3	60

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145	Physical Layer Security for Internet of Things. Wireless Communications and Mobile Computing, 2019, 2019, 1-2.	1.2	3
146	Learning-Aided User Identification Using Smartphone Sensors for Smart Homes. IEEE Internet of Things Journal, 2019, 6, 7760-7772.	8.7	47
147	Online Proactive Caching in Mobile Edge Computing Using Bidirectional Deep Recurrent Neural Network. IEEE Internet of Things Journal, 2019, 6, 5520-5530.	8.7	131
148	Sec-D2D: A Secure and Lightweight D2D Communication System With Multiple Sensors. IEEE Access, 2019, 7, 33759-33770.	4.2	28
149	Shake to Communicate: Secure Handshake Acceleration-Based Pairing Mechanism for Wrist Worn Devices. IEEE Internet of Things Journal, 2019, 6, 5618-5630.	8.7	31
150	BSIS: Blockchain-Based Secure Incentive Scheme for Energy Delivery in Vehicular Energy Network. IEEE Transactions on Industrial Informatics, 2019, 15, 3620-3631.	11.3	159
151	Adaptive Consistency Protocol Based on Grouping Multi-Paxos. , 2019, , .		1
152	Deep Learning Based Plant Disease Detection for Smart Agriculture. , 2019, , .		37
153	A Secure Charging Scheme for Electric Vehicles With Smart Communities in Energy Blockchain. IEEE Internet of Things Journal, 2019, 6, 4601-4613.	8.7	247
154	Enhancing Cloud-Based IoT Security Through Trustworthy Cloud Service: An Integration of Security and Reputation Approach. IEEE Access, 2019, 7, 9368-9383.	4.2	73
155	Content Popularity Prediction Towards Location-Aware Mobile Edge Caching. IEEE Transactions on Multimedia, 2019, 21, 915-929.	7.2	142
156	Dynamic Computation Offloading in Edge Computing for Internet of Things. IEEE Internet of Things Journal, 2019, 6, 4242-4251.	8.7	98
157	Joint Channel Access and Sampling Rate Control in Energy Harvesting Cognitive Radio Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 149-161.	4.6	67
158	Resource Allocation in UAV-Aided Wireless Networks. , 2019, , 1-4.		0
159	Resource Allocation in SDN/NFV-Enabled 5G Networks. , 2019, , 1-4.		0
160	Virtual Vehicle Coordination for Vehicles as Ambient Sensing Platforms. IEEE Access, 2018, 6, 11940-11952.	4.2	4
161	Channel State Classification in Cognitive Small-Cell Networks With Multiple Transmission Powers. IEEE Transactions on Vehicular Technology, 2018, 67, 6023-6036.	6.3	1
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164	An LDPC Code Based Physical Layer Message Authentication Scheme With Prefect Security. IEEE Journal on Selected Areas in Communications, 2018, 36, 748-761.	14.0	41
165	A Trust With Abstract Information Verified Routing Scheme for Cyber-Physical Network. IEEE Access, 2018, 6, 3882-3898.	4.2	34
166	SS-MAC: A Novel Time Slot-Sharing MAC for Safety Messages Broadcasting in VANETs. IEEE Transactions on Vehicular Technology, 2018, 67, 3586-3597.	6.3	76
167	Joint Admission Control and Resource Allocation in Edge Computing for Internet of Things. IEEE Network, 2018, 32, 72-79.	6.9	117
168	Leveraging High Order Cumulants for Spectrum Sensing and Power Recognition in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2018, 17, 1298-1310.	9.2	41
169	Multi-Resource Coordinate Scheduling for Earth Observation in Space Information Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 268-279.	14.0	76
170	On Base Station Coordination in Cache- and Energy Harvesting-Enabled HetNets: A Stochastic Geometry Study. IEEE Transactions on Communications, 2018, 66, 3079-3091.	7.8	24
171	Drone Assisted Vehicular Networks: Architecture, Challenges and Opportunities. IEEE Network, 2018, 32, 130-137.	6.9	212
172	Multiple Drone-Cell Deployment Analyses and Optimization in Drone Assisted Radio Access Networks. IEEE Access, 2018, 6, 12518-12529.	4.2	114
173	On Effective Capacity and Effective Energy Efficiency in Relay-Assisted Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4389-4400.	6.3	13
174	A Services Routing Based Caching Scheme for Cloud Assisted CRNs. IEEE Access, 2018, 6, 15787-15805.	4.2	46
175	Construction of Large-Scale Low-Cost Delivery Infrastructure Using Vehicular Networks. IEEE Access, 2018, 6, 21482-21497.	4.2	46
176	Elastic Energy Distribution of Local Area Packetized Power Networks to Mitigate Distribution Level Load Fluctuation. IEEE Access, 2018, 6, 8219-8231.	4.2	9
177	A Survey on Service Migration in Mobile Edge Computing. IEEE Access, 2018, 6, 23511-23528.	4.2	270
178	Content-Aware Cooperative Transmission in HetNets With Consideration of Base Station Height. IEEE Transactions on Vehicular Technology, 2018, 67, 6048-6062.	6.3	14
179	Road Damage Detection Using RetinaNet. , 2018, , .		44
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181	Cooperative Computation Offloading for UAVs: A Joint Radio and Computing Resource Allocation Approach. , 2018, , .		22
182	Emerging Technologies for Vehicular Communication Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	2
183	Contract Based Energy Blockchain for Secure Electric Vehicles Charging in Smart Community. , 2018, , .		11
184	Mitigation of Distribution Level Load Fluctuation by Exploiting Elasticity of Local Area Packetized Power Networks. , 2018, , .		0
185	Enhance the edge with beamforming: Performance analysis of beamforming-enabled WLAN. , 2018, , .		10
186	Minimum-cost mobile crowdsourcing with QoS guarantee using matrix completion technique. Pervasive and Mobile Computing, 2018, 49, 23-44.	3.3	39
187	Performance Analysis of IEEE 802.15.6-Based Coexisting Mobile WBANs With Prioritized Traffic and Dynamic Interference. IEEE Transactions on Wireless Communications, 2018, 17, 5637-5652.	9.2	38
188	Orchestrating Data as a Services-Based Computing and Communication Model for Information-Centric Internet of Things. IEEE Access, 2018, 6, 38900-38920.	4.2	23
189	Cooperative UAV Cluster-Assisted Terrestrial Cellular Networks for Ubiquitous Coverage. IEEE Journal on Selected Areas in Communications, 2018, 36, 2045-2058.	14.0	141
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191	Secure and Energy-Efficient Collaborative Spectrum Sensing. , 2018, , 51-79.		1
192	Dynamic and Energy-Efficient Channel Access in Clustered CRSNs. , 2018, , 23-50.		0
193	Spectrum Resource Management for CRSNs. , 2018, , 15-22.		0
194	Joint Channel Allocation and Sampling Rate Control in EH-CRSNs. , 2018, , 81-106.		0
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