

Chunxiao Jiang

List of Publications by Year in descending order

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396
papers

12,638
citations

31976

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h-index

33894

99
g-index

418
all docs

418
docs citations

418
times ranked

8871
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud Computing Assisted Blockchain-Enabled Internet of Things. IEEE Transactions on Cloud Computing, 2022, 10, 247-257.	4.4	61
2	Identification of Encrypted Traffic Through Attention Mechanism Based Long Short Term Memory. IEEE Transactions on Big Data, 2022, 8, 241-252.	6.1	59
3	Auction Design for Edge Computation Offloading in SDN-Based Ultra Dense Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1580-1595.	5.8	19
4	Towards Large-Scale and Privacy-Preserving Contact Tracing in COVID-19 Pandemic: A Blockchain Perspective. IEEE Transactions on Network Science and Engineering, 2022, 9, 282-298.	6.4	25
5	Multiobjective Anti-Collision for Massive Access Ranging in MF-TDMA Satellite Communication System. IEEE Internet of Things Journal, 2022, 9, 14655-14666.	8.7	2
6	BC-EdgeFL: A Defensive Transmission Model Based on Blockchain-Assisted Reinforced Federated Learning in IIoT Environment. IEEE Transactions on Industrial Informatics, 2022, 18, 3551-3561.	11.3	22
7	Uplink Interference and Performance Analysis for Megasatellite Constellation. IEEE Internet of Things Journal, 2022, 9, 4318-4329.	8.7	11
8	NOMA-Based Multi-User Mobile Edge Computation Offloading via Cooperative Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 350-364.	7.9	27
9	A Security- and Privacy-Preserving Approach Based on Data Disturbance for Collaborative Edge Computing in Social IoT Systems. IEEE Transactions on Computational Social Systems, 2022, 9, 97-108.	4.4	28
10	Resource Management and Security Scheme of ICPSs and IoT Based on VNE Algorithm. IEEE Internet of Things Journal, 2022, 9, 22071-22080.	8.7	20
11	Cooperative Multilayer Edge Caching in Integrated Satellite-Terrestrial Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2924-2937.	9.2	19
12	Multi-Agent Reinforcement Learning Aided Intelligent UAV Swarm for Target Tracking. IEEE Transactions on Vehicular Technology, 2022, 71, 931-945.	6.3	60
13	Incorporating Distributed DRL Into Storage Resource Optimization of Space-Air-Ground Integrated Wireless Communication Network. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 434-446.	10.8	16
14	EFS: Efficient Storage Optimization for Multistage Flow-Table in Software-Defined Satellite Network. IEEE Access, 2022, 10, 391-400.	4.2	1
15	Dynamic Beam Pattern and Bandwidth Allocation Based on Multi-Agent Deep Reinforcement Learning for Beam Hopping Satellite Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 3917-3930.	6.3	35
16	Integrated Satellite-Terrestrial Networks Toward 6G: Architectures, Applications, and Challenges. IEEE Internet of Things Journal, 2022, 9, 437-461.	8.7	98
17	Iterative NOMA Detection for Multiple Access in Satellite High-Mobility Communications. IEEE Journal on Selected Areas in Communications, 2022, 40, 1101-1113.	14.0	6
18	Flying Ad Hoc Networks. Wireless Networks, 2022, , .	0.5	4

#	ARTICLE	IF	CITATIONS
19	Wi-Fi Sensing for Joint Gesture Recognition and Human Identification From Few Samples in Human-Computer Interaction. IEEE Journal on Selected Areas in Communications, 2022, 40, 2193-2205.	14.0	35
20	An Energy-Efficient Intelligent Framework of UAV-Enhanced Vehicular Networks: Open Problems and a Case Study. IEEE Vehicular Technology Magazine, 2022, 17, 94-102.	3.4	2
21	SDN-Based Resource Allocation in Edge and Cloud Computing Systems: An Evolutionary Stackelberg Differential Game Approach. IEEE/ACM Transactions on Networking, 2022, 30, 1613-1628.	3.8	32
22	Cooperative Resource Allocation in FANET. Wireless Networks, 2022, , 121-195.	0.5	1
23	Seamless Coverage Strategies of FANET. Wireless Networks, 2022, , 41-119.	0.5	1
24	Adaptive Access Control and Resource Allocation for Random Access in NGSO Satellite Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 2721-2733.	6.4	5
25	A Distributed Collaborative Entrance Defense Framework Against DDoS Attacks on Satellite Internet. IEEE Internet of Things Journal, 2022, 9, 15497-15510.	8.7	9
26	An Analysis of the Error Rate Performance for Uplink Asynchronous Signal Detection in Non-Orthogonal Multiple Access. IEEE Transactions on Communications, 2022, 70, 4591-4606.	7.8	1
27	Survivable virtual network embedding algorithm considering multiple node failure in IIoT environment. Journal of Network and Computer Applications, 2022, 205, 103437.	9.1	4
28	Security-Aware Virtual Network Embedding Algorithm Based on Reinforcement Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 1095-1105.	6.4	49
29	RDAM: A Reinforcement Learning Based Dynamic Attribute Matrix Representation for Virtual Network Embedding. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 901-914.	4.6	35
30	Physical Layer Security Over Mixture Gamma Distributed Fading Channels With Discrete Inputs: A Unified and General Analytical Framework. IEEE Communications Letters, 2021, 25, 412-416.	4.1	9
31	STEC-IoT: A Security Tactic by Virtualizing Edge Computing on IoT. IEEE Internet of Things Journal, 2021, 8, 2459-2467.	8.7	42
32	Cyclic Three-Sided Matching Game Inspired Wireless Network Virtualization. IEEE Transactions on Mobile Computing, 2021, 20, 416-428.	5.8	23
33	Semantic Similarity Computing Model Based on Multi Model Fine-Grained Nonlinear Fusion. IEEE Access, 2021, 9, 8433-8443.	4.2	21
34	Joint Resource Allocation and Trajectory Optimization With QoS in UAV-Based NOMA Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 6343-6355.	9.2	39
35	Federated Transfer Learning for IIoT Devices With Low Computing Power Based on Blockchain and Edge Computing. IEEE Access, 2021, 9, 98630-98638.	4.2	28
36	Device-Free Wireless Sensing for Human Detection: The Deep Learning Perspective. IEEE Internet of Things Journal, 2021, 8, 2517-2539.	8.7	78

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37	IEEE TCCN Special Section Editorial: Machine Learning and Artificial Intelligence for the Physical Layer. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1-4.	7.9	2
38	Artificial Intelligence Technologies for COVID-19-Like Epidemics: Methods and Challenges. IEEE Network, 2021, 35, 27-33.	6.9	15
39	Heterogeneous Multi-AUV Aided Green Internet of Underwater Things. , 2021, , .		3
40	LDBT: A Lightweight DDoS Attack Tracing Scheme Based on Blockchain. , 2021, , .		5
41	Design, Modeling, Control, and Experiments for a Fish-Robot-Based IoT Platform to Enable Smart Ocean. IEEE Internet of Things Journal, 2021, 8, 9317-9329.	8.7	30
42	Efficient On-Demand UAV Deployment and Configuration for Off-Shore Relay Communications. , 2021, , .		3
43	A NFV-based Resource Orchestration Algorithm for DDoS Mitigation in MEC. , 2021, , .		2
44	Multi-UAV Cooperative Target Tracking Based on Swarm Intelligence. , 2021, , .		6
45	MetalInjury: Meta-learning framework for reusing the risk knowledge of different construction accidents. Safety Science, 2021, 140, 105315.	4.9	12
46	AoI-Inspired Collaborative Information Collection for AUV-Assisted Internet of Underwater Things. IEEE Internet of Things Journal, 2021, 8, 14559-14571.	8.7	66
47	Deep Reinforcement Learning Assisted Federated Learning Algorithm for Data Management of IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8475-8484.	11.3	102
48	A Rapid PN Code Acquisition Method for Low Spreading Factor Satellite Communication Systems. IEEE Communications Letters, 2021, , 1-1.	4.1	0
49	Double Auction Mechanism for Resource Allocation in Satellite MEC. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1112-1125.	7.9	17
50	Turbo Iterative DSSS Acquisition in Satellite High-Mobility Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 12998-13009.	6.3	5
51	Resource Optimization for Signal Recognition in Satellite MEC with Federated Learning. , 2021, , .		5
52	Impacts of Angles-of-Arrival on the Performance of Space-Constrained MIMO Antenna Array. , 2021, , .		0
53	Security Aware Virtual Network Embedding Algorithm Based on Reinforcement Learning. , 2021, , 35-59.		0
54	IoV Scenario Implementation of a Bandwidth Aware Algorithm in Wireless Network Communication Mode. , 2021, , 269-294.		1

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55	Virtual Network Embedding Using Node Multiple Metrics Based on Simplified ELECTRE Method. , 2021, , 343-372.		1
56	Description of Energy Consumption Requirements in VNE. , 2021, , 227-228.		0
57	VNE Solution for Network Differentiated QoS and Security Requirements from the Perspective of Deep Reinforcement Learning. , 2021, , 61-84.		2
58	Incorporating Energy and Load Balance into Virtual Network Embedding Process. , 2021, , 245-268.		1
59	A Multi-Domain VNE Algorithm Based on Load Balancing in the IoT Networks. , 2021, , 299-325.		2
60	A Multi-Domain Virtual Network Embedding Algorithm with Delay Prediction. , 2021, , 201-223.		0
61	Security Aware Virtual Network Embedding Algorithm Using Information Entropy TOPSIS. , 2021, , 11-33.		0
62	WirelessID: Device-Free Human Identification Using Gesture Signatures in CSI. , 2021, , .		3
63	UAV-Assisted Multi-Access Edge Computing: Technologies and Challenges. IEEE Internet of Things Magazine, 2021, 4, 12-17.	2.6	17
64	Distributed Service Migration in Satellite Mobile Edge Computing. , 2021, , .		6
65	Auction-Based Data Transaction in Mobile Networks: Data Allocation Design and Performance Analysis. IEEE Transactions on Mobile Computing, 2020, 19, 1040-1055.	5.8	13
66	Colonel Blotto Games in Network Systems: Models, Strategies, and Applications. IEEE Transactions on Network Science and Engineering, 2020, 7, 637-649.	6.4	22
67	Effect of the Interaction Between Cadmium Exposure and CLOCK Gene Polymorphisms on Thyroid Cancer: a Case-Control Study in China. Biological Trace Element Research, 2020, 196, 86-95.	3.5	11
68	Joint Beamforming Design and Resource Allocation for Terrestrial-Satellite Cooperation System. IEEE Transactions on Communications, 2020, 68, 778-791.	7.8	27
69	Trace-Driven QoE-Aware Proactive Caching for Mobile Video Streaming in Metropolis. IEEE Transactions on Wireless Communications, 2020, 19, 62-76.	9.2	21
70	Collaborative Spectrum Managements and Sharing in Coordinated Space, Terrestrial and Ocean Networks. IEEE Network, 2020, 34, 182-187.	6.9	8
71	Approximate Message Passing-Based Detection for Asynchronous NOMA. IEEE Communications Letters, 2020, 24, 534-538.	4.1	9
72	Approximating Ergodic Mutual Information for Mixture Gamma Fading Channels With Discrete Inputs. IEEE Communications Letters, 2020, 24, 734-738.	4.1	13

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73	The Next Generation Heterogeneous Satellite Communication Networks: Integration of Resource Management and Deep Reinforcement Learning. <i>IEEE Wireless Communications</i> , 2020, 27, 105-111.	9.0	52
74	Distributed Q-Learning Aided Heterogeneous Network Association for Energy-Efficient IIoT. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2756-2764.	11.3	95
75	Effects of extreme meteorological factors on daily mumps cases in Hefei, China, during 2011â€“2016. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4489-4501.	5.3	11
76	Reinforcement-Learning- and Belief-Learning-Based Double Auction Mechanism for Edge Computing Resource Allocation. <i>IEEE Internet of Things Journal</i> , 2020, 7, 5976-5985.	8.7	39
77	Multicast Beamforming Optimization in Cloud-Based Heterogeneous Terrestrial and Satellite Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 1766-1776.	6.3	26
78	Machine Learning for 6G Wireless Networks: Carrying Forward Enhanced Bandwidth, Massive Access, and Ultrareliable/Low-Latency Service. <i>IEEE Vehicular Technology Magazine</i> , 2020, 15, 122-134.	3.4	156
79	Capacity Analysis of Multi-layer Satellite Networks. , 2020, , .		8
80	Vol Based Information Collection for AUV Assisted Underwater Acoustic Sensor Networks. , 2020, , .		5
81	Computation Offloading in Energy Harvesting Systems via Continuous Deep Reinforcement Learning. , 2020, , .		8
82	Shipping Lane-Aware Caching and Transmission Scheme for Maritime Wireless Networks. , 2020, , .		3
83	Distributed Power Control Based on Constrained MPC in Cognitive Satellite Terrestrial Networks. , 2020, , .		1
84	Iterative Doppler Frequency Offset Estimation in Low SNR Satellite Communications. , 2020, , .		2
85	VNE-HPSO: Virtual Network Embedding Algorithm Based on Hybrid Particle Swarm Optimization. <i>IEEE Access</i> , 2020, 8, 213389-213400.	4.2	20
86	AI-Enabled Next-Generation Communication Networks: Intelligent Agent and AI Router. <i>IEEE Wireless Communications</i> , 2020, 27, 129-133.	9.0	18
87	A Learning-Based Approach to Intra-Domain QoS Routing. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 6718-6730.	6.3	22
88	Reinforcement Learning Based Capacity Management in Multi-Layer Satellite Networks. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 4685-4699.	9.2	90
89	Receive Antenna Selection Under Discrete Inputs: Approximation and Applications. <i>IEEE Transactions on Communications</i> , 2020, 68, 2634-2647.	7.8	13
90	Value-Based Hierarchical Information Collection for AUV-Enabled Internet of Underwater Things. <i>IEEE Internet of Things Journal</i> , 2020, 7, 9870-9883.	8.7	53

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91	Virtual Relay Selection in LTE-V: A Deep Reinforcement Learning Approach to Heterogeneous Data. IEEE Access, 2020, 8, 102477-102492.	4.2	10
92	Security Enhancement via Antenna Selection in MIMOME Channels With Discrete Inputs. IEEE Transactions on Communications, 2020, 68, 5041-5055.	7.8	10
93	Decreasing Big Data Application Latency in Satellite Link by Caching and Peer Selection. IEEE Transactions on Network Science and Engineering, 2020, 7, 2555-2565.	6.4	22
94	Secrecy Performance for Finite-Alphabet Inputs Over Fluctuating Two-Ray Channels in FDA Communications. IEEE Wireless Communications Letters, 2020, 9, 1638-1642.	5.0	7
95	Energy-Efficient Data Offloading for Multi-Cell Satellite-Terrestrial Networks. IEEE Communications Letters, 2020, 24, 2265-2269.	4.1	22
96	User Preference Aware Resource Management for Wireless Communication Networks. IEEE Network, 2020, 34, 78-85.	6.9	10
97	Two-Layer Game Based Resource Allocation in Cloud Based Integrated Terrestrial-Satellite Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 509-522.	7.9	36
98	Popularity-Driven Content Placement and Multi-Hop Delivery for Terrestrial-Satellite Networks. IEEE Communications Letters, 2020, 24, 2574-2578.	4.1	9
99	Iterative Doppler Frequency Offset Estimation in Satellite High-Mobility Communications. IEEE Journal on Selected Areas in Communications, 2020, 38, 2875-2888.	14.0	18
100	QLACO: Q-learning Aided Ant Colony Routing Protocol for Underwater Acoustic Sensor Networks. , 2020, , .		14
101	Multi-UAV-Enabled Load-Balance Mobile-Edge Computing for IoT Networks. IEEE Internet of Things Journal, 2020, 7, 6898-6908.	8.7	206
102	A Continuous-Decision Virtual Network Embedding Scheme Relying on Reinforcement Learning. IEEE Transactions on Network and Service Management, 2020, 17, 864-875.	4.9	49
103	Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1472-1514.	39.4	361
104	Stackelberg Game-Based Computation Offloading in Social and Cognitive Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 5444-5455.	11.3	54
105	Heterogeneous Semi-Blind Interference Alignment in Finite-SNR Networks With Fairness Consideration. IEEE Transactions on Wireless Communications, 2020, 19, 2472-2488.	9.2	12
106	Machine Learning Paradigms in Wireless Network Association. , 2020, , 746-754.		0
107	Challenges and Solutions for the Satellite Tracking, Telemetry, and Command System. IEEE Wireless Communications, 2020, 27, 12-18.	9.0	19
108	Joint User Grouping and Beamwidth Optimization for Satellite Multicast with Phased Array Antennas. , 2020, , .		7

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109	Guest Editorial: Introduction to the Special Section on Heterogeneous Communications Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2361-2362.	6.4	1
110	Second Order Time-Frequency Modulation in Satellite High-Mobility Communications. , 2020, , .		1
111	Mission Scheduling in Space Network With Antenna Dynamic Setup Times. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 31-45.	4.7	20
112	Trust-Based Collaborative Privacy Management in Online Social Networks. IEEE Transactions on Information Forensics and Security, 2019, 14, 48-60.	6.9	40
113	NOMA-Based Integrated Terrestrial-Satellite Networks. , 2019, , 639-668.		1
114	Network Association in Machine-Learning Aided Cognitive Radar and Communication Co-Design. IEEE Journal on Selected Areas in Communications, 2019, 37, 2322-2336.	14.0	19
115	Resource Allocation of Multibeam Communication Satellite Systems in Sparse Networks. , 2019, , .		3
116	Joint Multigroup Precoding and Resource Allocation in Integrated Terrestrial-Satellite Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8075-8090.	6.3	39
117	An Intelligent Approach to Energy Efficient Transportation and QoS Routing. , 2019, , .		3
118	Satellite Image Prediction Relying on GAN and LSTM Neural Networks. , 2019, , .		43
119	Artificial Intelligence for Information-Centric Networks. IEEE Communications Magazine, 2019, 57, 47-53.	6.1	21
120	Machine Learning Aided Load Balance Routing Scheme Considering Queue Utilization. IEEE Transactions on Vehicular Technology, 2019, 68, 7987-7999.	6.3	35
121	Distributed Hierarchical Information Acquisition Systems Based on AUV Enabled Sensor Networks. , 2019, , .		10
122	Double Auction Based Resource Allocation for Secure Video Caching in Heterogeneous Networks. , 2019, , .		0
123	AI Routers & Network Mind: A Hybrid Machine Learning Paradigm for Packet Routing. IEEE Computational Intelligence Magazine, 2019, 14, 21-30.	3.2	38
124	Rechargeable Multi-UAV Aided Seamless Coverage for QoS-Guaranteed IoT Networks. IEEE Internet of Things Journal, 2019, 6, 10902-10914.	8.7	51
125	A Near-Optimal UAV-Aided Radio Coverage Strategy for Dense Urban Areas. IEEE Transactions on Vehicular Technology, 2019, 68, 9098-9109.	6.3	127
126	Second-Price Auction Based Cognitive Traffic Offloading in Heterogeneous Networks. , 2019, , .		1

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127	A Machine Learning Approach of Load Balance Routing to Support Next-Generation Wireless Networks. , 2019, , .		5
128	Power-Delay Trade-off for Heterogenous Cloud Enabled Multi-UAV Systems. , 2019, , .		5
129	Energy Minimization of Resource Allocation in Cloud-Based Satellite Communication Networks. IEEE Communications Letters, 2019, 23, 2353-2356.	4.1	9
130	QoE-Oriented Multimedia Assessment: A Facial Expression Recognition Approach. IEEE MultiMedia, 2019, 26, 41-50.	1.7	4
131	Spectrum Sensing and Recognition in Satellite Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 2502-2516.	6.3	43
132	QoE Driven Resource Allocation in Next Generation Wireless Networks. IEEE Wireless Communications, 2019, 26, 78-85.	9.0	15
133	Double Auction Mechanism Design for Video Caching in Heterogeneous Ultra-Dense Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1669-1683.	9.2	29
134	Robust Beamforming for Multibeam Satellite Communication in the Face of Phase Perturbations. IEEE Transactions on Vehicular Technology, 2019, 68, 3043-3047.	6.3	25
135	Professional identity and mental health of rural-oriented tuition-waived medical students in Anhui Province, China. BMC Medical Education, 2019, 19, 199.	2.4	19
136	Intelligent Network Awareness. Wireless Networks, 2019, , 31-83.	0.5	0
137	A Communication Framework with Unified Efficiency and Secrecy. IEEE Wireless Communications, 2019, 26, 133-139.	9.0	2
138	Joint Minimization of Wired and Wireless Traffic for Content Delivery by Multicast Pushing. IEEE Transactions on Wireless Communications, 2019, 18, 2828-2841.	9.2	3
139	Intelligence-Driven Networking Architecture. Wireless Networks, 2019, , 13-29.	0.5	0
140	Intelligent Network Control. Wireless Networks, 2019, , 85-156.	0.5	0
141	Intelligent Network Resource Management. Wireless Networks, 2019, , 157-197.	0.5	0
142	Resource Allocation for Multi-UAV Aided IoT NOMA Uplink Transmission Systems. IEEE Internet of Things Journal, 2019, 6, 7025-7037.	8.7	145
143	Downlink Channel Estimation for Massive MIMO Systems Relying on Vector Approximate Message Passing. IEEE Transactions on Vehicular Technology, 2019, 68, 5145-5148.	6.3	24
144	Resource Trading in Blockchain-Based Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3602-3609.	11.3	201

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145	Spatial Spectrum Sharing for Satellite and Terrestrial Communication Networks. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1075-1089.	4.7	51
146	Capsule Network Assisted IoT Traffic Classification Mechanism for Smart Cities. IEEE Internet of Things Journal, 2019, 6, 7515-7525.	8.7	99
147	The Transmit-Energy vs Computation-Delay Trade-Off in Gateway-Selection for Heterogenous Cloud Aided Multi-UAV Systems. IEEE Transactions on Communications, 2019, 67, 3026-3039.	7.8	35
148	An Energy-Efficient UAV Recharging and Reshuffling Strategy for Seamless Coverage. , 2019, , .		3
149	Enhanced Irregular Repetition Slotted ALOHA with Degree Distribution Adjustment in Satellite Network. , 2019, , .		1
150	Stackelberg Differential Game Based Resource Sharing in Hierarchical Fog-Cloud Computing. , 2019, , .		11
151	Green Communication and Computation Offloading in Ultra-Dense Networks. , 2019, , .		2
152	Dual-Beam Dual-Frequency Secure Transmission for Downlink Satellite Communication Systems. , 2019, , .		2
153	Power Transferring and Analogue Communication Approach for Implantable Devices. , 2019, , .		0
154	Hybrid Intrusion Detection System for Edge-Based IIoT Relying on Machine-Learning-Aided Detection. IEEE Network, 2019, 33, 75-81.	6.9	62
155	Wireless User Authentication Based on KLT and Gaussian Mixture Model. , 2019, , .		6
156	A Service-Oriented Permissioned Blockchain for the Internet of Things. IEEE Transactions on Services Computing, 2019, , 1-1.	4.6	30
157	Peer Prediction-Based Trustworthiness Evaluation and Trustworthy Service Rating in Social Networks. IEEE Transactions on Information Forensics and Security, 2019, 14, 1582-1594.	6.9	17
158	Weak harmonic signal detection method in chaotic interference based on extended Kalman filter. Digital Communications and Networks, 2019, 5, 51-55.	5.0	13
159	Cooperative Transmission in Integrated Terrestrial-Satellite Networks. IEEE Network, 2019, 33, 204-210.	6.9	70
160	Multi-Controller Resource Management for Software-Defined Wireless Networks. IEEE Communications Letters, 2019, 23, 506-509.	4.1	14
161	Joint UAV Hovering Altitude and Power Control for Space-Air-Ground IoT Networks. IEEE Internet of Things Journal, 2019, 6, 1741-1753.	8.7	208
162	Blockchain-Based Software-Defined Industrial Internet of Things: A Dueling Deep Q -Learning Approach. IEEE Internet of Things Journal, 2019, 6, 4627-4639.	8.7	142

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163	Linear Precoded Index Modulation. IEEE Transactions on Communications, 2019, 67, 350-363.	7.8	10
164	Contract Mechanism and Performance Analysis for Data Transaction in Mobile Social Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 103-115.	6.4	109
165	User Participation in Collaborative Filtering-Based Recommendation Systems: A Game Theoretic Approach. IEEE Transactions on Cybernetics, 2019, 49, 1339-1352.	9.5	25
166	Stability of Cloud-Based UAV Systems Supporting Big Data Acquisition and Processing. IEEE Transactions on Cloud Computing, 2019, 7, 866-877.	4.4	46
167	Developing Networks using Artificial Intelligence. Wireless Networks, 2019, , .	0.5	12
168	Low-complexity joint channel estimation and symbol detection for OFDMA systems. China Communications, 2019, 16, 49-60.	3.2	9
169	Conclusions and Future Challenges. Wireless Networks, 2019, , 245-248.	0.5	0
170	Intention Based Networking Management. Wireless Networks, 2019, , 199-244.	0.5	0
171	Data-Driven Auction Mechanism Design in IaaS Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 743-756.	4.6	29
172	Green Wi-Fi Management: Implementation on Partially Overlapped Channels. IEEE Transactions on Green Communications and Networking, 2018, 2, 346-359.	5.5	4
173	Green Wi-Fi Implementation and Management in Dense Autonomous Environments for Smart Cities. IEEE Transactions on Industrial Informatics, 2018, 14, 1552-1563.	11.3	11
174	Vehicular Sensing Networks in a Smart City: Principles, Technologies and Applications. IEEE Wireless Communications, 2018, 25, 122-132.	9.0	143
175	Internet of Vehicles: Sensing-Aided Transportation Information Collection and Diffusion. IEEE Transactions on Vehicular Technology, 2018, 67, 3813-3825.	6.3	130
176	Coalition Formation Game Based Access Point Selection for LTE-U and Wi-Fi Coexistence. IEEE Transactions on Industrial Informatics, 2018, 14, 2653-2665.	11.3	15
177	Temporal Centrality-Balanced Traffic Management for Space Satellite Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4427-4439.	6.3	38
178	Reliable Traffic Density Estimation in Vehicular Network. IEEE Transactions on Vehicular Technology, 2018, 67, 6424-6437.	6.3	20
179	Two-Phase Task Scheduling in Data Relay Satellite Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 1782-1793.	6.3	44
180	Learning-Aided Network Association for Hybrid Indoor LiFi-WiFi Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3561-3574.	6.3	59

#	ARTICLE	IF	CITATIONS
181	Cooperative Multigroup Multicast Transmission in Integrated Terrestrial-Satellite Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 981-992.	14.0	75
182	Social Learning Based Inference for Crowdsensing in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1966-1979.	5.8	20
183	Secure Satellite-Terrestrial Transmission Over Incumbent Terrestrial Networks via Cooperative Beamforming. IEEE Journal on Selected Areas in Communications, 2018, 36, 1367-1382.	14.0	90
184	GNSS Augmentation by FM Radio Symbiosis. IEEE Access, 2018, 6, 5162-5169.	4.2	6
185	Estimation of Broadband Multiuser Millimeter Wave Massive MIMO-OFDM Channels by Exploiting Their Sparse Structure. IEEE Transactions on Wireless Communications, 2018, 17, 3959-3973.	9.2	66
186	Effects of relative humidity on childhood hand, foot, and mouth disease reinfection in Hefei, China. Science of the Total Environment, 2018, 630, 820-826.	8.0	22
187	A Contract Game for Direct Energy Trading in Smart Grid. IEEE Transactions on Smart Grid, 2018, 9, 2873-2884.	9.0	56
188	Community-Structured Evolutionary Game for Privacy Protection in Social Networks. IEEE Transactions on Information Forensics and Security, 2018, 13, 574-589.	6.9	60
189	Waveforming: An Overview With Beamforming. IEEE Communications Surveys and Tutorials, 2018, 20, 132-149.	39.4	26
190	Touch the Sea: Energy Efficient Relay Design for Maritime Multi-Hop Multicast Systems. , 2018, , .		6
191	UAV Aided Network Association in Space-Air-Ground Communication Networks. , 2018, , .		8
192	Joint Backhaul and Access Link Resource Management in Maritime Communication Network. , 2018, , .		8
193	Colonel Blotto Game Aided Attack-Defense Analysis in Real-World Networks. , 2018, , .		0
194	Space Cloudlet Aided Caching Placement Strategy for Remote Mobile Social Networks. , 2018, , .		3
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