Chunxiao Jiang

List of Publications by Year
in descending order

396 papers	12,638 citations	31976 53 h-index	33894 99 g-index
418 all docs	418 docs citations	418 times ranked	8871 citing authors

#	Article	IF	Citations
1	Machine Learning Paradigms for Next-Generation Wireless Networks. IEEE Wireless Communications, 2017, 24, 98-105.	9.0	822
2	Information Security in Big Data: Privacy and Data Mining. IEEE Access, 2014, 2, 1149-1176.	4.2	465
3	Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1472-1514.	39.4	361
4	Resource Allocation in Spectrum-Sharing OFDMA Femtocells With Heterogeneous Services. IEEE Transactions on Communications, 2014, 62, 2366-2377.	7.8	353
5	Energy Efficient User Association and Power Allocation in Millimeter-Wave-Based Ultra Dense Networks With Energy Harvesting Base Stations. IEEE Journal on Selected Areas in Communications, 2017, 35, 1936-1947.	14.0	350
6	Taking Drones to the Next Level: Cooperative Distributed Unmanned-Aerial-Vehicular Networks for Small and Mini Drones. IEEE Vehicular Technology Magazine, 2017, 12, 73-82.	3.4	343
7	Resource Allocation for Cognitive Small Cell Networks: A Cooperative Bargaining Game Theoretic Approach. IEEE Transactions on Wireless Communications, 2015, 14, 3481-3493.	9.2	311
8	Interference-Limited Resource Optimization in Cognitive Femtocells With Fairness and Imperfect Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2016, 65, 1761-1771.	6.3	249
9	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
10	Multi-UAV-Enabled Load-Balance Mobile-Edge Computing for IoT Networks. IEEE Internet of Things Journal, 2020, 7, 6898-6908.	8.7	206
11	Resource Trading in Blockchain-Based Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3602-3609.	11.3	201
12	Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. IEEE Journal on Selected Areas in Communications, 2013, 31, 406-416.	14.0	177
13	Joint Spectrum Sensing and Access Evolutionary Game in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2013, 12, 2470-2483.	9.2	175
14	Non-Orthogonal Multiple Access Based Integrated Terrestrial-Satellite Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 2253-2267.	14.0	173
15	Cooperative interference mitigation and handover management for heterogeneous cloud small cell networks. IEEE Wireless Communications, 2015, 22, 92-99.	9.0	169
16	Machine Learning for 6G Wireless Networks: Carrying Forward Enhanced Bandwidth, Massive Access, and Ultrareliable/Low-Latency Service. IEEE Vehicular Technology Magazine, 2020, 15, 122-134.	3.4	156
17	Resource Allocation for Multi-UAV Aided IoT NOMA Uplink Transmission Systems. IEEE Internet of Things Journal, 2019, 6, 7025-7037.	8.7	145
18	Vehicular Sensing Networks in a Smart City: Principles, Technologies and Applications. IEEE Wireless Communications, 2018, 25, 122-132.	9.0	143

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19	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
20	Evolutionary Dynamics of Information Diffusion Over Social Networks. IEEE Transactions on Signal Processing, 2014, 62, 4573-4586.	5.3	141
21	Internet of Vehicles: Sensing-Aided Transportation Information Collection and Diffusion. IEEE Transactions on Vehicular Technology, 2018, 67, 3813-3825.	6.3	130
22	A Near-Optimal UAV-Aided Radio Coverage Strategy for Dense Urban Areas. IEEE Transactions on Vehicular Technology, 2019, 68, 9098-9109.	6.3	127
23	Graphical Evolutionary Game for Information Diffusion Over Social Networks. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 524-536.	10.8	115
24	Contract Design for Traffic Offloading and Resource Allocation in Heterogeneous Ultra-Dense Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 2457-2467.	14.0	112
25	Time-Reversal Wireless Paradigm for Green Internet of Things: An Overview. IEEE Internet of Things Journal, 2014, 1, 81-98.	8.7	110
26	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
27	Auction Design and Analysis for SDN-Based Traffic Offloading in Hybrid Satellite-Terrestrial Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2202-2217.	14.0	105
28	Energy Efficient Dynamic Resource Optimization in NOMA System. IEEE Transactions on Wireless Communications, 2018, 17, 5671-5683.	9.2	102
29	Deep Reinforcement Learning Assisted Federated Learning Algorithm for Data Management of IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8475-8484.	11.3	102
30	Capsule Network Assisted IoT Traffic Classification Mechanism for Smart Cities. IEEE Internet of Things Journal, 2019, 6, 7515-7525.	8.7	99
31	Integrated Satellite-Terrestrial Networks Toward 6G: Architectures, Applications, and Challenges. IEEE Internet of Things Journal, 2022, 9, 437-461.	8.7	98
32	Distributed Q-Learning Aided Heterogeneous Network Association for Energy-Efficient IIoT. IEEE Transactions on Industrial Informatics, 2020, 16, 2756-2764.	11.3	95
33	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
34	Reinforcement Learning Based Capacity Management in Multi-Layer Satellite Networks. IEEE Transactions on Wireless Communications, 2020, 19, 4685-4699.	9.2	90
35	Energy-efficient non-cooperative cognitive radio networks: micro, meso, and macro views. , 2014, 52, 14-20.		82
36	Security in space information networks. , 2015, 53, 82-88.		82

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37	Device-Free Wireless Sensing for Human Detection: The Deep Learning Perspective. IEEE Internet of Things Journal, 2021, 8, 2517-2539.	8.7	78
38	Cooperative earth observation through complex space information networks. IEEE Wireless Communications, 2016, 23, 136-144.	9.0	76
39	Radio Resource Management in Future Terrestrial-Satellite Communication Networks. IEEE Wireless Communications, 2017, 24, 81-87.	9.0	76
40	Cooperative Multigroup Multicast Transmission in Integrated Terrestrial-Satellite Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 981-992.	14.0	75
41	Privacy or Utility in Data Collection? A Contract Theoretic Approach. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1256-1269.	10.8	74
42	Resource Allocation in Space Multiaccess Systems. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 598-618.	4.7	73
43	Cooperative Transmission in Integrated Terrestrial-Satellite Networks. IEEE Network, 2019, 33, 204-210.	6.9	70
44	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
45	AoI-Inspired Collaborative Information Collection for AUV-Assisted Internet of Underwater Things. IEEE Internet of Things Journal, 2021, 8, 14559-14571.	8.7	66
46	Distributed Adaptive Networks: A Graphical Evolutionary Game-Theoretic View. IEEE Transactions on Signal Processing, 2013, 61, 5675-5688.	5.3	64
47	Hybrid Intrusion Detection System for Edge-Based IIoT Relying on Machine-Learning-Aided Detection. IEEE Network, 2019, 33, 75-81.	6.9	62
48	Cloud Computing Assisted Blockchain-Enabled Internet of Things. IEEE Transactions on Cloud Computing, 2022, 10, 247-257.	4.4	61
49	Community-Structured Evolutionary Game for Privacy Protection in Social Networks. IEEE Transactions on Information Forensics and Security, 2018, 13, 574-589.	6.9	60
50	Multi-Agent Reinforcement Learning Aided Intelligent UAV Swarm for Target Tracking. IEEE Transactions on Vehicular Technology, 2022, 71, 931-945.	6.3	60
51	Learning-Aided Network Association for Hybrid Indoor LiFi-WiFi Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3561-3574.	6.3	59
52	Identification of Encrypted Traffic Through Attention Mechanism Based Long Short Term Memory. IEEE Transactions on Big Data, 2022, 8, 241-252.	6.1	59
53	A Practical Semidynamic Clustering Scheme Using Affinity Propagation in Cooperative Picocells. IEEE Transactions on Vehicular Technology, 2015, 64, 4372-4377.	6.3	58
54	Self-organization in disaster-resilient heterogeneous small cell networks. IEEE Network, 2016, 30, 116-121.	6.9	58

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55	Signalling Cost Evaluation of Handover Management Schemes in LTE-Advanced Femtocell. , 2011, , .		56
56	A Contract Game for Direct Energy Trading in Smart Grid. IEEE Transactions on Smart Grid, 2018, 9, 2873-2884.	9.0	56
57	Resource Allocation With Video Traffic Prediction in Cloud-Based Space Systems. IEEE Transactions on Multimedia, 2016, 18, 820-830.	7.2	55
58	Device-to-Device-Assisted Communications in Cellular Networks: An Energy Efficient Approach in Downlink Video Sharing Scenario. IEEE Transactions on Wireless Communications, 2016, 15, 1575-1587.	9.2	54
59	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
60	Value-Based Hierarchical Information Collection for AUV-Enabled Internet of Underwater Things. IEEE Internet of Things Journal, 2020, 7, 9870-9883.	8.7	53
61	Dynamic Chinese Restaurant Game: Theory and Application to Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2014, 13, 1960-1973.	9.2	52
62	The Next Generation Heterogeneous Satellite Communication Networks: Integration of Resource Management and Deep Reinforcement Learning. IEEE Wireless Communications, 2020, 27, 105-111.	9.0	52
63	Rechargeable Multi-UAV Aided Seamless Coverage for QoS-Guaranteed IoT Networks. IEEE Internet of Things Journal, 2019, 6, 10902-10914.	8.7	51
64	Spatial Spectrum Sharing for Satellite and Terrestrial Communication Networks. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1075-1089.	4.7	51
65	Optimal Pricing Strategy for Operators in Cognitive Femtocell Networks. IEEE Transactions on Wireless Communications, 2014, 13, 5288-5301.	9.2	50
66	Energy Efficient D2D Communications: A Perspective of Mechanism Design. IEEE Transactions on Wireless Communications, 2016, 15, 7272-7285.	9.2	50
67	Network Association Strategies for an Energy Harvesting Aided Super-WiFi Network Relying on Measured Solar Activity. IEEE Journal on Selected Areas in Communications, 2016, 34, 3785-3797.	14.0	49
68	A Framework for Categorizing and Applying Privacy-Preservation Techniques in Big Data Mining. Computer, 2016, 49, 54-62.	1.1	49
69	Security-Aware Virtual Network Embedding Algorithm Based on Reinforcement Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 1095-1105.	6.4	49
70	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
71	Dynamic Path To Stability in LTE-Unlicensed With User Mobility: A Matching Framework. IEEE Transactions on Wireless Communications, 2017, 16, 4547-4561.	9.2	48
72	Stability of Cloud-Based UAV Systems Supporting Big Data Acquisition and Processing. IEEE Transactions on Cloud Computing, 2019, 7, 866-877.	4.4	46

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73	Cooperative Device-to-Device Communications: Social Networking Perspectives. IEEE Network, 2017, 31, 38-44.	6.9	44
74	Two-Phase Task Scheduling in Data Relay Satellite Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 1782-1793.	6.3	44
75	Distributed Data Privacy Preservation in IoT Applications. IEEE Wireless Communications, 2018, 25, 68-76.	9.0	44
76	Satellite Image Prediction Relying on GAN and LSTM Neural Networks. , 2019, , .		43
77	Spectrum Sensing and Recognition in Satellite Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 2502-2516.	6.3	43
78	STEC-IoT: A Security Tactic by Virtualizing Edge Computing on IoT. IEEE Internet of Things Journal, 2021, 8, 2459-2467.	8.7	42
79	A Distributed Gateway Selection Algorithm for UAV Networks. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 22-33.	4.6	40
80	Trust-Based Collaborative Privacy Management in Online Social Networks. IEEE Transactions on Information Forensics and Security, 2019, 14, 48-60.	6.9	40
81	Multi-Channel Sensing and Access Game: Bayesian Social Learning with Negative Network Externality. IEEE Transactions on Wireless Communications, 2014, 13, 2176-2188.	9.2	39
82	Joint Multigroup Precoding and Resource Allocation in Integrated Terrestrial-Satellite Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8075-8090.	6.3	39
83	Reinforcement-Learning- and Belief-Learning-Based Double Auction Mechanism for Edge Computing Resource Allocation. IEEE Internet of Things Journal, 2020, 7, 5976-5985.	8.7	39
84	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
85	Temporal Centrality-Balanced Traffic Management for Space Satellite Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4427-4439.	6.3	38
86	AI Routers & Network Mind: A Hybrid Machine Learning Paradigm for Packet Routing. IEEE Computational Intelligence Magazine, 2019, 14, 21-30.	3.2	38
87	Dynamic Privacy Pricing: A Multi-Armed Bandit Approach With Time-Variant Rewards. IEEE Transactions on Information Forensics and Security, 2017, 12, 271-285.	6.9	37
88	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
89	Mobile Data Transactions in Device-to-Device Communication Networks: Pricing and Auction. IEEE Wireless Communications Letters, 2016, 5, 300-303.	5.0	35
90	Machine Learning Aided Load Balance Routing Scheme Considering Queue Utilization. IEEE Transactions on Vehicular Technology, 2019, 68, 7987-7999.	6.3	35

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91	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
92	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
93	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
94	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
95	Information-Sharing Outage-Probability Analysis of Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9479-9492.	6.3	34
96	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
97	The Value Strength Aided Information Diffusion in Socially-Aware Mobile Networks. IEEE Access, 2016, 4, 3907-3919.	4.2	31
98	Wireless Access Network Selection Game with Negative Network Externality. IEEE Transactions on Wireless Communications, 2013, 12, 5048-5060.	9.2	30
99	A Service-Oriented Permissioned Blockchain for the Internet of Things. IEEE Transactions on Services Computing, 2019, , 1-1.	4.6	30
100	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
101	Data-Driven Auction Mechanism Design in IaaS Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 743-756.	4.6	29
102	Double Auction Mechanism Design for Video Caching in Heterogeneous Ultra-Dense Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1669-1683.	9.2	29
103	Data-Driven Optimal Throughput Analysis for Route Selection in Cognitive Vehicular Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 2149-2162.	14.0	28
104	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
105	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
106	Cognitive radio networks with asynchronous spectrum sensing and access. IEEE Network, 2015, 29, 88-95.	6.9	27
107	Joint Beamforming Design and Resource Allocation for Terrestrial-Satellite Cooperation System. IEEE Transactions on Communications, 2020, 68, 778-791.	7.8	27
108	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

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109	Waveforming: An Overview With Beamforming. IEEE Communications Surveys and Tutorials, 2018, 20, 132-149.	39.4	26
110	High-Efficient Resource Allocation in Data Relay Satellite Systems With Users Behavior Coordination. IEEE Transactions on Vehicular Technology, 2018, 67, 12072-12085.	6.3	26
111	Multicast Beamforming Optimization in Cloud-Based Heterogeneous Terrestrial and Satellite Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 1766-1776.	6.3	26
112	Maximizing Network Capacity with Optimal Source Selection: A Network Science Perspective. IEEE Signal Processing Letters, 2015, 22, 938-942.	3.6	25
113	Evolutionary Information Diffusion over Heterogeneous Social Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2016, , 1-1.	2.8	25
114	Robust Beamforming for Multibeam Satellite Communication in the Face of Phase Perturbations. IEEE Transactions on Vehicular Technology, 2019, 68, 3043-3047.	6.3	25
115	User Participation in Collaborative Filtering-Based Recommendation Systems: A Game Theoretic Approach. IEEE Transactions on Cybernetics, 2019, 49, 1339-1352.	9.5	25
116	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
117	A Shock Tube Experimental System for Communication Performance Evaluation Under the Time-Varying Plasma Flow Channel. IEEE Transactions on Plasma Science, 2017, 45, 2450-2459.	1.3	24
118	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
119	Indian Buffet Game With Negative Network Externality and Non-Bayesian Social Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 609-623.	9.3	23
120	Distributed Fault-Tolerant Topology Control in Cooperative Wireless Ad Hoc Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2699-2710.	5.6	23
121	Aggressive congestion control mechanism for space systems. IEEE Aerospace and Electronic Systems Magazine, 2016, 31, 28-33.	1.3	23
122	Cyclic Three-Sided Matching Game Inspired Wireless Network Virtualization. IEEE Transactions on Mobile Computing, 2021, 20, 416-428.	5.8	23
123	A Social-Aware Framework for Efficient Information Dissemination in Wireless Ad Hoc Networks. , 2017, 55, 174-179.		22
124	Estimation of Sparse Massive MIMO-OFDM Channels with Approximately Common Support. IEEE Communications Letters, 2017, , 1-1.	4.1	22
125	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
126	Colonel Blotto Games in Network Systems: Models, Strategies, and Applications. IEEE Transactions on Network Science and Engineering, 2020, 7, 637-649.	6.4	22

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127	A Learning-Based Approach to Intra-Domain QoS Routing. IEEE Transactions on Vehicular Technology, 2020, 69, 6718-6730.	6.3	22
128	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
129	Energy-Efficient Data Offloading for Multi-Cell Satellite-Terrestrial Networks. IEEE Communications Letters, 2020, 24, 2265-2269.	4.1	22
130	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
131	Microblog Dimensionality Reductionâ€"A Deep Learning Approach. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1779-1789.	5.7	21
132	User Association in Heterogeneous Networks: A Social Interaction Approach. IEEE Transactions on Vehicular Technology, 2016, 65, 9982-9993.	6.3	21
133	Resource allocation in spectrum-sharing Cloud Based Integrated Terrestrial-Satellite Network. , 2017, , .		21
134	Artificial Intelligence for Information-Centric Networks. IEEE Communications Magazine, 2019, 57, 47-53.	6.1	21
135	Trace-Driven QoE-Aware Proactive Caching for Mobile Video Streaming in Metropolis. IEEE Transactions on Wireless Communications, 2020, 19, 62-76.	9.2	21
136	Semantic Similarity Computing Model Based on Multi Model Fine-Grained Nonlinear Fusion. IEEE Access, 2021, 9, 8433-8443.	4.2	21
137	Network economics in cognitive networks. , 2015, 53, 75-81.		20
138	Reliable Traffic Density Estimation in Vehicular Network. IEEE Transactions on Vehicular Technology, 2018, 67, 6424-6437.	6.3	20
139	Social Learning Based Inference for Crowdsensing in Mobile Social Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1966-1979.	5.8	20
140	Mission Scheduling in Space Network With Antenna Dynamic Setup Times. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 31-45.	4.7	20
141	VNE-HPSO: Virtual Network Embedding Algorithm Based on Hybrid Particle Swarm Optimization. IEEE Access, 2020, 8, 213389-213400.	4.2	20
142	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
143	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
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145	Auction Design for Edge Computation Offloading in SDN-Based Ultra Dense Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1580-1595.	5.8	19
146	Cooperative Multilayer Edge Caching in Integrated Satellite-Terrestrial Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2924-2937.	9.2	19
147	Challenges and Solutions for the Satellite Tracking, Telemetry, and Command System. IEEE Wireless Communications, 2020, 27, 12-18.	9.0	19
148	A Broad Beamforming Approach for High-Mobility Communications. IEEE Transactions on Vehicular Technology, 2017, 66, 10546-10550.	6.3	18
149	Check in or Not? A Stochastic Game for Privacy Preserving in Point-of-Interest Recommendation System. IEEE Internet of Things Journal, 2018, 5, 4178-4190.	8.7	18
150	AI-Enabled Next-Generation Communication Networks: Intelligent Agent and AI Router. IEEE Wireless Communications, 2020, 27, 129-133.	9.0	18
151	Iterative Doppler Frequency Offset Estimation in Satellite High-Mobility Communications. IEEE Journal on Selected Areas in Communications, 2020, 38, 2875-2888.	14.0	18
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154	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
155	Double Auction Mechanism for Resource Allocation in Satellite MEC. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1112-1125.	7.9	17
156	UAV-Assisted Multi-Access Edge Computing: Technologies and Challenges. IEEE Internet of Things Magazine, 2021, 4, 12-17.	2.6	17
157	Signalling Overhead Evaluation of HeNB Mobility Enhanced Schemes in 3GPP LTE-Advanced. , 2011, , .		16
158	Mobile-Aware Topology Control Potential Game: Equilibrium and Connectivity. IEEE Internet of Things Journal, 2016, 3, 1267-1273.	8.7	16
159	Multimedia multicast beamforming in integrated terrestrial-satellite networks. , 2017, , .		16
160	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
161	Node Energy Consumption Analysis in Wireless Sensor Networks. , 2014, , .		15
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164	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
165	QoE Driven Resource Allocation in Next Generation Wireless Networks. IEEE Wireless Communications, 2019, 26, 78-85.	9.0	15
166	Artificial Intelligence Technologies for COVID-19-Like Epidemics: Methods and Challenges. IEEE Network, 2021, 35, 27-33.	6.9	15
167	Complex network theoretical analysis on information dissemination over vehicular networks. , 2016, , .		14
168	Multi-Controller Resource Management for Software-Defined Wireless Networks. IEEE Communications Letters, 2019, 23, 506-509.	4.1	14
169	QLACO: Q-learning Aided Ant Colony Routing Protocol for Underwater Acoustic Sensor Networks. , 2020, , .		14
170	Nanoscale molecular communication networks: a game-theoretic perspective. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.7	13
171	Spectrum Sharing between Geostationary and Terrestrial Communication Systems. , 2017, , .		13
172	Weak harmonic signal detection method in chaotic interference based on extended Kalman filter. Digital Communications and Networks, 2019, 5, 51-55.	5.0	13
173	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
174	Approximating Ergodic Mutual Information for Mixture Gamma Fading Channels With Discrete Inputs. IEEE Communications Letters, 2020, 24, 734-738.	4.1	13
175	Receive Antenna Selection Under Discrete Inputs: Approximation and Applications. IEEE Transactions on Communications, 2020, 68, 2634-2647.	7.8	13
176	Terrestrial-Satellite Communication Networks. Wireless Networks, 2018, , .	0.5	13
177	Data Transaction Modeling in Mobile Networks: Contract Mechanism and Performance Analysis. , 2017, , .		12
178	Outage Probability Analysis and Dynamic Criterion Calculation Under the Plasma Sheath Channel. IEEE Transactions on Plasma Science, 2018, 46, 1995-2002.	1.3	12
179	Heterogeneous Semi-Blind Interference Alignment in Finite-SNR Networks With Fairness Consideration. IEEE Transactions on Wireless Communications, 2020, 19, 2472-2488.	9.2	12
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