

Haijun Zhang

List of Publications by Year in descending order

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193
papers

9,261
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66234

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193
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193
docs citations

193
times ranked

7225
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Paradigms for Next-Generation Wireless Networks. IEEE Wireless Communications, 2017, 24, 98-105.	6.6	822
2	Network Slicing Based 5G and Future Mobile Networks: Mobility, Resource Management, and Challenges. IEEE Communications Magazine, 2017, 55, 138-145.	4.9	622
3	Energy-Efficient Resource Allocation for Downlink Non-Orthogonal Multiple Access Network. IEEE Transactions on Communications, 2016, 64, 3722-3732.	4.9	400
4	Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1472-1514.	24.8	361
5	Coexistence of Wi-Fi and heterogeneous small cell networks sharing unlicensed spectrum. , 2015, 53, 158-164.		360
6	Resource Allocation in Spectrum-Sharing OFDMA Femtocells With Heterogeneous Services. IEEE Transactions on Communications, 2014, 62, 2366-2377.	4.9	353
7	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.	9.7	350
8	Resource Allocation for Cognitive Small Cell Networks: A Cooperative Bargaining Game Theoretic Approach. IEEE Transactions on Wireless Communications, 2015, 14, 3481-3493.	6.1	311
9	Interference-Limited Resource Optimization in Cognitive Femtocells With Fairness and Imperfect Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2016, 65, 1761-1771.	3.9	249
10	Joint User Scheduling and Power Allocation Optimization for Energy-Efficient NOMA Systems With Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2017, 35, 2874-2885.	9.7	226
11	Fronthauling for 5G LTE-U Ultra Dense Cloud Small Cell Networks. IEEE Wireless Communications, 2016, 23, 48-53.	6.6	209
12	Joint UAV Hovering Altitude and Power Control for Space-Air-Ground IoT Networks. IEEE Internet of Things Journal, 2019, 6, 1741-1753.	5.5	208
13	Cooperative interference mitigation and handover management for heterogeneous cloud small cell networks. IEEE Wireless Communications, 2015, 22, 92-99.	6.6	169
14	Downlink Energy Efficiency of Power Allocation and Wireless Backhaul Bandwidth Allocation in Heterogeneous Small Cell Networks. IEEE Transactions on Communications, 2018, 66, 1705-1716.	4.9	145
15	Computation-Efficient Offloading and Trajectory Scheduling for Multi-UAV Assisted Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 2114-2125.	3.9	138
16	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks. IEEE Wireless Communications, 2018, 25, 48-53.	6.6	130
17	Secure Resource Allocation for OFDMA Two-Way Relay Wireless Sensor Networks Without and With Cooperative Jamming. IEEE Transactions on Industrial Informatics, 2016, 12, 1714-1725.	7.2	129
18	Fog Radio Access Networks: Mobility Management, Interference Mitigation, and Resource Optimization. IEEE Wireless Communications, 2017, 24, 120-127.	6.6	122

#	ARTICLE	IF	CITATIONS
19	Sensing Time Optimization and Power Control for Energy Efficient Cognitive Small Cell With Imperfect Hybrid Spectrum Sensing. IEEE Transactions on Wireless Communications, 2017, 16, 730-743.	6.1	119
20	Delay-Optimal Virtualized Radio Resource Scheduling in Software-Defined Vehicular Networks via Stochastic Learning. IEEE Transactions on Vehicular Technology, 2016, 65, 7857-7867.	3.9	112
21	Contract Design for Traffic Offloading and Resource Allocation in Heterogeneous Ultra-Dense Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 2457-2467.	9.7	112
22	Secure Communications in NOMA System: Subcarrier Assignment and Power Allocation. IEEE Journal on Selected Areas in Communications, 2018, 36, 1441-1452.	9.7	111
23	Contract Mechanism and Performance Analysis for Data Transaction in Mobile Social Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 103-115.	4.1	109
24	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.	9.7	105
25	Energy Efficient User Clustering, Hybrid Precoding and Power Optimization in Terahertz MIMO-NOMA Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2074-2085.	9.7	104
26	Energy Efficient Dynamic Resource Optimization in NOMA System. IEEE Transactions on Wireless Communications, 2018, 17, 5671-5683.	6.1	102
27	Power Control Based on Deep Reinforcement Learning for Spectrum Sharing. IEEE Transactions on Wireless Communications, 2020, 19, 4209-4219.	6.1	97
28	Secure Satellite-Terrestrial Transmission Over Incumbent Terrestrial Networks via Cooperative Beamforming. IEEE Journal on Selected Areas in Communications, 2018, 36, 1367-1382.	9.7	90
29	Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 835-845.	6.1	89
30	Resource Allocation in NOMA-Based Fog Radio Access Networks. IEEE Wireless Communications, 2018, 25, 110-115.	6.6	86
31	Energy-efficient non-cooperative cognitive radio networks: micro, meso, and macro views. , 2014, 52, 14-20.		82
32	Energy Efficient Subchannel and Power Allocation for Software-defined Heterogeneous VLC and RF Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 658-670.	9.7	77
33	Energy Efficiency Optimization for NOMA UAV Network With Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2020, 38, 2798-2809.	9.7	76
34	Deep Learning Based Radio Resource Management in NOMA Networks: User Association, Subchannel and Power Allocation. IEEE Transactions on Network Science and Engineering, 2020, 7, 2406-2415.	4.1	69
35	Incentive-Driven Deep Reinforcement Learning for Content Caching and D2D Offloading. IEEE Journal on Selected Areas in Communications, 2021, 39, 2445-2460.	9.7	66
36	Incomplete CSI Based Resource Optimization in SWIPT Enabled Heterogeneous Networks: A Non-Cooperative Game Theoretic Approach. IEEE Transactions on Wireless Communications, 2018, 17, 1882-1892.	6.1	64

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37	Learning-Aided Network Association for Hybrid Indoor LiFi-WiFi Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3561-3574.	3.9	59
38	Self-organization in disaster-resilient heterogeneous small cell networks. IEEE Network, 2016, 30, 116-121.	4.9	58
39	Optimal Energy Efficient Power Allocation With User Fairness for Uplink MC-NOMA Systems. IEEE Wireless Communications Letters, 2019, 8, 1133-1136.	3.2	55
40	Modeling and Analysis of Aerial Base Station-Assisted Cellular Networks in Finite Areas Under LoS and NLoS Propagation. IEEE Transactions on Wireless Communications, 2018, 17, 6985-7000.	6.1	53
41	Energy Efficient Resource Allocation in Terahertz Downlink NOMA Systems. IEEE Transactions on Communications, 2021, 69, 1375-1384.	4.9	51
42	Super-Modular Game-Based User Scheduling and Power Allocation for Energy-Efficient NOMA Network. IEEE Transactions on Wireless Communications, 2018, 17, 3877-3888.	6.1	50
43	Energy-Efficient Resource Allocation and Trajectory Design for UAV Relaying Systems. IEEE Transactions on Communications, 2020, 68, 6483-6498.	4.9	48
44	Software Defined 5G and 6G Networks: a Survey. Mobile Networks and Applications, 2022, 27, 1792-1812.	2.2	46
45	An Efficient Stochastic Gradient Descent Algorithm to Maximize the Coverage of Cellular Networks. IEEE Transactions on Wireless Communications, 2019, 18, 3424-3436.	6.1	45
46	Resource Allocation for Optimizing Energy Efficiency in NOMA-based Fog UAV Wireless Networks. IEEE Network, 2020, 34, 158-163.	4.9	45
47	An NDN IoT Content Distribution Model With Network Coding Enhanced Forwarding Strategy for 5G. IEEE Transactions on Industrial Informatics, 2018, 14, 2725-2735.	7.2	43
48	Computation Offloading and Wireless Resource Management for Healthcare Monitoring in Fog-Computing-Based Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 15875-15883.	5.5	42
49	Software-Defined and Fog-Computing-Based Next Generation Vehicular Networks. IEEE Communications Magazine, 2018, 56, 34-41.	4.9	40
50	Joint Resource Allocation and Trajectory Optimization With QoS in UAV-Based NOMA Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 6343-6355.	6.1	39
51	Efficient Privacy Preserving Data Collection and Computation Offloading for Fog-Assisted IoT. IEEE Transactions on Sustainable Computing, 2020, 5, 526-540.	2.2	38
52	Spectrum Allocation and Power Control in Full-Duplex Ultra-Dense Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 4365-4380.	4.9	37
53	Wireless Powered Mobile Edge Computing With NOMA and User Cooperation. IEEE Transactions on Vehicular Technology, 2021, 70, 1957-1961.	3.9	37
54	Compressive network coding for wireless sensor networks: Spatio-temporal coding and optimization design. Computer Networks, 2016, 108, 345-356.	3.2	36

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55	Information-Sharing Outage-Probability Analysis of Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9479-9492.	3.9	34
56	Deep Neural Network for Resource Management in NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 876-886.	3.9	34
57	Resource Allocation for NOMA Based Space-Terrestrial Satellite Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1065-1075.	6.1	33
58	Energy-Efficient Joint User Association and Power Allocation in a Heterogeneous Network. IEEE Transactions on Wireless Communications, 2020, 19, 7008-7020.	6.1	31
59	Energy-Efficient Subchannel Matching and Power Allocation in NOMA Autonomous Driving Vehicular Networks. IEEE Wireless Communications, 2019, 26, 88-93.	6.6	30
60	Double Auction Mechanism Design for Video Caching in Heterogeneous Ultra-Dense Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1669-1683.	6.1	29
61	Energy Efficiency of Proactive Cooperative Eavesdropping Over Multiple Suspicious Communication Links. IEEE Transactions on Vehicular Technology, 2019, 68, 420-430.	3.9	29
62	Fog-based Optimized Kronecker-Supported Compression Design for Industrial IoT. IEEE Transactions on Sustainable Computing, 2020, 5, 95-106.	2.2	29
63	Resource Allocation in Terrestrial-Satellite-Based Next Generation Multiple Access Networks With Interference Cooperation. IEEE Journal on Selected Areas in Communications, 2022, 40, 1210-1221.	9.7	29
64	PAPR Reduction Using Iterative Clipping/Filtering and ADMM Approaches for OFDM-Based Mixed-Numerology Systems. IEEE Transactions on Wireless Communications, 2020, 19, 2586-2600.	6.1	28
65	Artificial Intelligence-Based Resource Allocation in Ultradense Networks: Applying Event-Triggered Q-Learning Algorithms. IEEE Vehicular Technology Magazine, 2019, 14, 56-63.	2.8	27
66	Mobility robustness optimization in self-organizing LTE femtocell networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	26
67	Energy efficiency of resource scheduling for non-orthogonal multiple access (NOMA) wireless network. , 2016, , .		26
68	Proximal Policy Optimization-Based Transmit Beamforming and Phase-Shift Design in an IRS-Aided ISAC System for the THz Band. IEEE Journal on Selected Areas in Communications, 2022, 40, 2056-2069.	9.7	26
69	Joint Resource, Trajectory, and Artificial Noise Optimization in Secure Driven 3-D UAVs With NOMA and Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2021, 39, 3363-3377.	9.7	25
70	Backhaul-Aware User Association and Resource Allocation for Massive MIMO-Enabled HetNets. IEEE Communications Letters, 2017, 21, 2710-2713.	2.5	24
71	Energy Efficiency of Proactive Eavesdropping for Multiple Links Wireless System. IEEE Access, 2018, 6, 26081-26090.	2.6	24
72	Energy-efficient resource scheduling for NOMA systems with imperfect channel state information. , 2017, , .		23

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73	Interference Pricing Resource Allocation and User-Subchannel Matching for NOMA Hierarchy Fog Networks. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 467-479.	7.3	23
74	Accelerated Distributed Optimization Design for Reconstruction of Big Sensory Data. IEEE Internet of Things Journal, 2017, 4, 1716-1725.	5.5	21
75	Reliable Traffic Density Estimation in Vehicular Network. IEEE Transactions on Vehicular Technology, 2018, 67, 6424-6437.	3.9	20
76	Joint Energy Management and Interference Coordination With Max-Min Fairness in Ultra-Dense HetNets. IEEE Access, 2018, 6, 32588-32600.	2.6	20
77	Uplink Performance Improvement for Downlink-Uplink Decoupled HetNets with Non-uniform User Distribution. IEEE Transactions on Vehicular Technology, 2020, , 1-1.	3.9	20
78	User-Centric Delay-Aware Joint Caching and User Association Optimization in Cache-Enabled Wireless Networks. IEEE Access, 2019, 7, 74961-74972.	2.6	19
79	Cooperative Computing in Integrated Blockchain-Based Internet of Things. IEEE Internet of Things Journal, 2020, 7, 1603-1612.	5.5	19
80	Security Enhancement With a Hybrid Cooperative NOMA Scheme for MEC System. IEEE Transactions on Vehicular Technology, 2021, 70, 2635-2648.	3.9	19
81	Energy Efficient Joint User Association and Power Allocation in a Two-Tier Heterogeneous Network. , 2016, , .		17
82	Joint Fair Resource Allocation of D2D Communication Underlying Downlink Cellular System With Imperfect CSI. IEEE Access, 2018, 6, 63131-63142.	2.6	17
83	Peer Prediction-Based Trustworthiness Evaluation and Trustworthy Service Rating in Social Networks. IEEE Transactions on Information Forensics and Security, 2019, 14, 1582-1594.	4.5	17
84	Energy Efficient User Clustering and Hybrid Precoding for Terahertz MIMO-NOMA Systems. , 2020, , .		17
85	Energy Efficient Resource Allocation in Cache Based Terahertz Vehicular Networks: A Mean-Field Game Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 5275-5285.	3.9	17
86	Joint Optimization of Quality of Experience and Power Consumption in OFDMA Multicell Networks. IEEE Communications Letters, 2016, 20, 380-383.	2.5	16
87	Energy-Efficient Power Allocation with Interference Mitigation in MmWave-Based Fog Radio Access Networks. IEEE Wireless Communications, 2018, 25, 25-31.	6.6	16
88	Edge Caching With Transmission Schedule for Multiuser Multirelay Networks. IEEE Communications Letters, 2018, 22, 776-779.	2.5	16
89	Node Energy Consumption Analysis in Wireless Sensor Networks. , 2014, , .		15
90	Hybrid Communication Path Orchestration for 5G Heterogeneous Ultra-Dense Networks. IEEE Network, 2019, 33, 112-118.	4.9	15

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91	An Efficient Geometry-Induced Genetic Algorithm for Base Station Placement in Cellular Networks. IEEE Access, 2019, 7, 108604-108616.	2.6	15
92	Successive Two-Way Relaying for Full-Duplex Users With Generalized Self-Interference Mitigation. IEEE Transactions on Wireless Communications, 2019, 18, 63-76.	6.1	15
93	Optimal Control Design for Connected Cruise Control With Stochastic Communication Delays. IEEE Transactions on Vehicular Technology, 2020, 69, 15357-15369.	3.9	15
94	Energy-Efficient Multi-UAVs Deployment and Movement for Emergency Response. IEEE Communications Letters, 2021, 25, 1625-1629.	2.5	15
95	Partially Observable Multi-Agent Deep Reinforcement Learning for Cognitive Resource Management. , 2020, , .		15
96	Resource Allocation in SWIPT Enabled Heterogeneous Cloud Small Cell Networks with Incomplete CSI. , 2016, , .		14
97	Research on Channel Power Allocation of Fog Wireless Access Network Based on NOMA. IEEE Access, 2019, 7, 32867-32873.	2.6	14
98	User Association and Power Allocation Based on Q-Learning in Ultra Dense Heterogeneous Networks. , 2019, , .		14
99	Deployment Model and Performance Analysis of Clustered D2D Caching Networks Under Cluster-Centric Caching Strategy. IEEE Transactions on Communications, 2020, 68, 4933-4945.	4.9	14
100	Fog Computing Vehicular Network Resource Management Based on Chemical Reaction Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 1770-1781.	3.9	14
101	A Multi-Attribute Handover Algorithm for QoS Enhancement in Ultra Dense Network. IEEE Transactions on Vehicular Technology, 2021, 70, 4557-4568.	3.9	14
102	Resource Management of Heterogeneous Cellular Networks With Hybrid Energy Supplies: A Multi-Objective Optimization Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4392-4405.	6.1	14
103	Fair and Energy-Efficient Coverage Optimization for UAV Placement Problem in the Cellular Network. IEEE Transactions on Communications, 2022, 70, 4222-4235.	4.9	14
104	Maximizing the System Energy Efficiency in the Blockchain Based Internet of Things. , 2019, , .		13
105	User Access and Resource Allocation in Full-Duplex User-Centric Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 12015-12030.	3.9	13
106	Analysis of Traffic Performance on Network Slicing Using Complex Network Theory. IEEE Transactions on Vehicular Technology, 2020, 69, 15188-15199.	3.9	13
107	Self-Adapting Handover Parameters Optimization for SDN-Enabled UDN. IEEE Transactions on Wireless Communications, 2022, 21, 6434-6447.	6.1	13
108	IRS Empowered UAV Wireless Communication With Resource Allocation, Reflecting Design and Trajectory Optimization. IEEE Transactions on Wireless Communications, 2022, 21, 7867-7880.	6.1	13

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109	Data Transaction Modeling in Mobile Networks: Contract Mechanism and Performance Analysis. , 2017, , .		12
110	Subchannel Assignment and Power Allocation for Time-Varying Fog Radio Access Network With NOMA. IEEE Transactions on Wireless Communications, 2021, 20, 3685-3697.	6.1	12
111	Collective Efficacy of Support Vector Regression With Smoothness Priority in Marine Sensor Data Prediction. IEEE Access, 2019, 7, 10308-10317.	2.6	11
112	Deep Dyna-Reinforcement Learning Based on Random Access Control in LEO Satellite IoT Networks. IEEE Internet of Things Journal, 2022, 9, 14818-14828.	5.5	11
113	Hybrid Spectrum Sensing Based Power Control for Energy Efficient Cognitive Small Cell Network. , 2015, , .		10
114	An Adaptive Handover Trigger Strategy for 5G C/U Plane Split Heterogeneous Network. , 2017, , .		10
115	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks with Energy Harvesting. , 2018, , .		10
116	Optimal Distributed Interference Mitigation for Small Cell Networks With Non-Orthogonal Multiple Access: A Locally Cooperative Game. IEEE Access, 2018, 6, 63107-63119.	2.6	10
117	Spectrum Detection and Link Quality Assessment for Heterogeneous Shared Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 1431-1445.	3.9	10
118	Accelerated Coverage Optimization With Particle Swarm in the Quotient Space Characterizing Antenna Azimuths of Cellular Networks. IEEE Access, 2019, 7, 86252-86264.	2.6	9
119	Secure Cooperative Transmission for Mixed RF/FSO Spectrum Sharing Networks. IEEE Transactions on Communications, 2020, 68, 3010-3023.	4.9	9
120	Cooperative Proactive Eavesdropping Based on Deep Reinforcement Learning. IEEE Wireless Communications Letters, 2021, 10, 1857-1861.	3.2	9
121	Slice Reconfiguration based on Demand Prediction with Dueling Deep Reinforcement Learning. , 2020, , .		9
122	Energy Efficient User Association, Resource Allocation and Caching Deployment in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1846-1856.	3.9	9
123	Reconfigurable Intelligent Surface With Energy Harvesting Assisted Cooperative Ambient Backscatter Communications. IEEE Wireless Communications Letters, 2022, 11, 1283-1287.	3.2	9
124	Resource Allocation in Software Defined Fog Vehicular Networks. , 2017, , .		8
125	Performance Analysis of Cooperative Aerial Base Station-Assisted Networks With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2019, 18, 5983-5999.	6.1	8
126	Joint Beamforming and Power Control for MIMO-NOMA with Deep Reinforcement Learning. , 2021, , .		8

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127	Game Theory Based Energy-Aware Uplink Resource Allocation in OFDMA Femtocell Networks. International Journal of Distributed Sensor Networks, 2014, 10, 658158.	1.3	8
128	Fog Computing Assisted Efficient Privacy Preserving Data Collection for Big Sensory Data. , 2018, , .		7
129	A Joint Bit-to-Symbol Mapping Scheme in Cooperative Spatial Modulation System. IEEE Access, 2019, 7, 38245-38254.	2.6	7
130	Data-Driven Transportation Network Company Vehicle Scheduling With Users' Location Differential Privacy Preservation. IEEE Transactions on Mobile Computing, 2023, 22, 813-823.	3.9	7
131	Joint Resource Allocation and Trajectory Optimization with QoS in NOMA UAV Networks. , 2020, , .		7
132	Stackelberg Game-Based Energy Efficient Power Allocation for Heterogeneous NOMA Networks. , 2018, , .		6
133	Data-Driven Optimization for Utility Providers with Differential Privacy of Users' Energy Profile. , 2018, , .		6
134	eCIC Configuration of Downlink and Uplink Decoupling With SWIPT in 5G Dense IoT HetNets. IEEE Transactions on Wireless Communications, 2021, 20, 8274-8287.	6.1	6
135	Online Resource Management of Heterogeneous Cellular Networks Powered by Grid-Connected Smart Micro Grids. IEEE Transactions on Wireless Communications, 2022, 21, 8416-8430.	6.1	6
136	Energy Efficient Dynamic Resource Allocation in NOMA Networks. , 2017, , .		5
137	User Access and Resource Allocation in Full-Duplex User-Centric Ultra-Dense Heterogeneous Networks. , 2018, , .		5
138	Performance Analysis of Dynamic Re-Clustering and Resource Allocation in Ultra Dense Network. IEEE Access, 2018, 6, 60891-60899.	2.6	5
139	Energy Efficient Resource Allocation for Secure NOMA Networks. , 2018, , .		5
140	Multi-Criteria Coverage Map Construction Based on Adaptive Triangulation-Induced Interpolation for Cellular Networks. IEEE Access, 2019, 7, 80767-80777.	2.6	5
141	Resource Allocation for Energy Efficient NOMA UAV Network under Imperfect CSI. , 2020, , .		5
142	Recurrence Behavior Statistics of Blast Furnace Gas Sensor Data in Industrial Internet of Things. IEEE Internet of Things Journal, 2020, 7, 5666-5676.	5.5	5
143	Dynamic Graph Optimization and Performance Evaluation for Delay-Tolerant Aeronautical Ad Hoc Network. IEEE Transactions on Communications, 2021, 69, 6018-6036.	4.9	5
144	High-Throughput Adaptive List Decoding Architecture for Polar Codes on GPU. IEEE Transactions on Signal Processing, 2022, 70, 878-889.	3.2	5

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145	Energy-efficient power allocation with QoS provisioning in OFDMA femtocell networks. , 2014, , .		4
146	Fuzzy layered physical cell identities assignment in heterogeneous and small cell networks. Electronics Letters, 2016, 52, 879-881.	0.5	4
147	Editorial: Game Theory for 5G Wireless Networks. Mobile Networks and Applications, 2017, 22, 526-528.	2.2	4
148	Energy-Efficient Resource Allocation in Heterogeneous Small Cell Networks with WiFi Spectrum Sharing. , 2017, , .		4
149	Energy Efficient Resource Allocation and Caching in Fog Radio Access Networks. , 2018, , .		4
150	Subchannel Assignment and Power Optimization for Energy-Efficient NOMA Heterogeneous Network. , 2019, , .		4
151	Subchannel Assignment and Power Optimization in Caching based UAV Networks With NOMA. , 2020, , .		4
152	PPO-Based PDACB Traffic Control Scheme for Massive IoV Communications. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1116-1125.	4.7	4
153	An Online Zero-Forcing Precoder for Weighted Sum-Rate Maximization in Green CoMP Systems. IEEE Transactions on Wireless Communications, 2022, 21, 7566-7581.	6.1	4
154	Load Balancing and User Association Based on Historical Data. , 2021, , .		4
155	Pricing equilibrium for data redistribution market in wireless networks with matching methodology. , 2015, , .		3
156	Above-Threshold Queries of Environmental Conditions Based on Bilinear Interpolation in Wireless Sensor Networks. Sensors, 2018, 18, 4203.	2.1	3
157	Editorial: 5G Technologies for Future Wireless Networks. Mobile Networks and Applications, 2018, 23, 1459-1461.	2.2	3
158	A Decentralized Private Data Transaction Pricing and Quality Control Method. , 2019, , .		3
159	Distributed DNN Based User Association and Resource Optimization in mmWave Networks. , 2019, , .		3
160	QoS Driven Power Allocation in Secure Multicarrier Full-Duplex Relay Systems. IEEE Transactions on Wireless Communications, 2020, 19, 929-941.	6.1	3
161	Boosting the Cellular Network Coverage Optimization in Accordance With the Metric Structure of Antenna Variables. IEEE Transactions on Wireless Communications, 2020, 19, 8303-8314.	6.1	3
162	Beamforming Design and BBU Computation Resource Allocation for Power Minimization in Green C-RAN. , 2021, , .		3

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163	Resource Allocation and Hybrid OMA/NOMA Mode Selection for Non-Coherent Joint Transmission. IEEE Transactions on Wireless Communications, 2022, 21, 2695-2709.	6.1	3
164	Primal-Dual Learning for Cross-Layer Resource Management in Cell-Free Massive MIMO IIoT. IEEE Internet of Things Journal, 2022, 9, 17026-17034.	5.5	3
165	User Association, Subchannel and Power Allocation in Space-Air-Ground Integrated Vehicular Network With Delay Constraints. IEEE Transactions on Network Science and Engineering, 2023, 10, 1203-1213.	4.1	3
166	Edge AI as a Service: Configurable Model Deployment and Delay-Energy Optimization With Result Quality Constraints. IEEE Transactions on Cloud Computing, 2023, 11, 1954-1969.	3.1	3
167	A Stochastic Gradient Descent Algorithm for Antenna Tilt Optimization in Cellular Networks. , 2018, , .		2
168	Power Control in Full-Duplex Ultra-Dense Heterogeneous Networks. , 2018, , .		2
169	Performance Analysis of Aerial Base Station Assisted Cooperative Communication Systems. , 2019, , .		2
170	Multi-Location-Aware Joint Optimization of Content Caching and Delivery for Backhaul-Constrained UDN. Sensors, 2019, 19, 2449.	2.1	2
171	Exploiting Spectrum Access Ability for Cooperative Spectrum Harvesting. IEEE Transactions on Communications, 2019, 67, 1845-1857.	4.9	2
172	Cellular Traffic Prediction via a Deep Multi-Reservoir Regression Learning Network for Multi-Access Edge Computing. IEEE Wireless Communications, 2021, 28, 13-19.	6.6	2
173	Primal Dual PPO Learning Resource Allocation in Indoor IRS-Aided Networks. , 2021, , .		2
174	Interference Cooperation based Resource Allocation in NOMA Terrestrial-Satellite Networks. , 2021, , .		2
175	Demand prediction based slice reconfiguration using dueling deep Q-network. China Communications, 2022, 19, 267-285.	2.0	2
176	Cooperative bargaining resource allocation for cognitive small cell networks. , 2014, , .		1
177	Energy efficient resource allocation for the software-defined VLC and RF small cells. , 2017, , .		1
178	Modeling and Simulation on Cooperative Movement of Vehicle Group Based on the Behavior of Fish. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 630-639.	0.2	1
179	ELITE GRADIENT DESCENT OPTIMIZATION OF ANTENNA PARAMETERS CONSTRAINED BY RADIO COVERAGE IN GREEN CELLULAR NETWORKS. , 2018, , .		1
180	Resource Allocation for Energy-Efficient NOMA Network Based on Super-Modular Game. , 2018, , .		1

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181	Second-Price Auction Based Cognitive Traffic Offloading in Heterogeneous Networks. , 2019, , .		1
182	Resource Allocation in Spectrum-Sharing Cognitive Heterogeneous Networks. , 2019, , 635-680.		1
183	Noncooperative Resource optimization for NOMA Based Fog Radio Access Network. , 2020, , .		1
184	Rethinking Cellular System Coverage Optimization: A Perspective of Pseudometric Structure of Antenna Azimuth Variable Space. IEEE Systems Journal, 2021, 15, 2971-2979.	2.9	1
185	Double Auction Based Resource Allocation for Secure Video Caching in Heterogeneous Networks. , 2019, , .		0
186	Performance Analysis of NOMA Enabled User and Control Plane Split Architecture in 5G Systems. , 2020, , .		0
187	Resource Allocation in Spectrum-Sharing Cognitive Heterogeneous Networks. , 2017, , 1-46.		0
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