

Wei Ni

List of Publications by Year in descending order

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175
papers

4,441
citations

126907

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177
times ranked

4172
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus-Based Autonomous Navigation of a Team of RIS-Equipped UAVs for LoS Wireless Communication With Mobile Nodes in High-Density Areas. IEEE Transactions on Automation Science and Engineering, 2023, 20, 923-935.	5.2	4
2	Online UAV Trajectory Planning for Covert Video Surveillance of Mobile Targets. IEEE Transactions on Automation Science and Engineering, 2022, 19, 735-746.	5.2	25
3	Efficient Orchestration of Virtualization Resource in RAN Based on Chemical Reaction Optimization and Q-Learning. IEEE Internet of Things Journal, 2022, 9, 3383-3396.	8.7	4
4	LSTM-Characterized Deep Reinforcement Learning for Continuous Flight Control and Resource Allocation in UAV-Assisted Sensor Network. IEEE Internet of Things Journal, 2022, 9, 4179-4189.	8.7	23
5	Continuous Maneuver Control and Data Capture Scheduling of Autonomous Drone in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2022, 21, 2732-2744.	5.8	21
6	Novel Integrated Framework of Unmanned Aerial Vehicle and Road Traffic for Energy-Efficient Delay-Sensitive Delivery. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10692-10707.	8.0	5
7	Carrier Phase-Based Synchronization and High-Accuracy Positioning in 5G New Radio Cellular Networks. IEEE Transactions on Communications, 2022, 70, 564-577.	7.8	14
8	Energy-Delay-Aware Power Control for Reliable Transmission of Dynamic Cell-Free Massive MIMO. IEEE Transactions on Communications, 2022, 70, 276-290.	7.8	4
9	Distributed Online Optimization of Edge Computing With Mixed Power Supply of Renewable Energy and Smart Grid. IEEE Transactions on Communications, 2022, 70, 389-403.	7.8	8
10	Cooperative Localization and Association of Commercial-Off-the-Shelf Sensors in Three-Dimensional Aircraft Cabin. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3508-3519.	5.2	3
11	Online Optimization of Energy-Efficient User Association and Workload Offloading for Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 1974-1988.	6.3	8
12	Decentralized Navigation of a UAV Team for Collaborative Covert Eavesdropping on a Group of Mobile Ground Nodes. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3932-3941.	5.2	5
13	Disguised Tailing and Video Surveillance With Solar-Powered Fixed-Wing Unmanned Aerial Vehicle. IEEE Transactions on Vehicular Technology, 2022, 71, 5507-5518.	6.3	17
14	Statistical Learning-Based Grant-Free Access for Delay-Sensitive Internet of Things Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 5492-5506.	6.3	4
15	A Survey on Artificial Intelligence Aided Internet-of-Things Technologies in Emerging Smart Libraries. Sensors, 2022, 22, 2991.	3.8	24
16	Machine Learning Enables Radio Resource Allocation in the Downlink of Ultra-Low Latency Vehicular Networks. IEEE Access, 2022, 10, 44710-44723.	4.2	4
17	Autonomous Guidance of an Aerial Drone for Maintaining an Effective Wireless Communication Link with a Moving Node Using an Intelligent Reflecting Surface. , 2022, , .		4
18	Two-Timescale Optimization for Intelligent Reflecting Surface-Assisted MIMO Transmission in Fast-Changing Channels. IEEE Transactions on Wireless Communications, 2022, 21, 10424-10437.	9.2	8

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19	Personalized Location Privacy With Road Network-Indistinguishability. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20860-20872.	8.0	4
20	Deep-Graph-Based Reinforcement Learning for Joint Cruise Control and Task Offloading for Aerial Edge Internet of Things (EdgeloT). IEEE Internet of Things Journal, 2022, 9, 21676-21686.	8.7	18
21	Multiagent Deep Reinforcement Learning for Cost- and Delay-Sensitive Virtual Network Function Placement and Routing. IEEE Transactions on Communications, 2022, 70, 5208-5224.	7.8	7
22	Balancing Accuracy and Integrity for Reconfigurable Intelligent Surface-Aided Over-the-Air Federated Learning. IEEE Transactions on Wireless Communications, 2022, 21, 10964-10980.	9.2	12
23	Passive Through-Wall Counting of People Walking Using WiFi Beamforming Reports. IEEE Systems Journal, 2021, 15, 5476-5482.	4.6	2
24	Distributed Online Learning of Cooperative Caching in Edge Cloud. IEEE Transactions on Mobile Computing, 2021, 20, 2550-2562.	5.8	19
25	Cache-Assisted Content Delivery in Wireless Networks: A New Game Theoretic Model. IEEE Systems Journal, 2021, 15, 2653-2664.	4.6	8
26	Online Learning of Optimal Proactive Schedule Based on Outdated Knowledge for Energy Harvesting Powered Internet-of-Things. IEEE Transactions on Wireless Communications, 2021, 20, 1248-1262.	9.2	2
27	Nested Hybrid Cylindrical Array Design and DoA Estimation for Massive IoT Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 919-933.	14.0	12
28	Analysis and Optimization of Service Delay for Multiquality Videos in Multitier Heterogeneous Network With Random Caching. IEEE Systems Journal, 2021, 15, 2451-2462.	4.6	1
29	Joint Flight Cruise Control and Data Collection in UAV-Aided Internet of Things: An Onboard Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2021, 8, 9787-9799.	8.7	39
30	A Graph-Based Fault-Tolerant Approach to Modeling QoS for IoT-Based Surveillance Applications. IEEE Internet of Things Journal, 2021, 8, 3587-3604.	8.7	11
31	Dynamic Power Allocation for Uplink NOMA With Statistical Delay QoS Guarantee. IEEE Transactions on Wireless Communications, 2021, 20, 8191-8203.	9.2	6
32	Spatio-Temporal Power Optimization for MIMO Joint Communication and Radio Sensing Systems With Training Overhead. IEEE Transactions on Vehicular Technology, 2021, 70, 514-528.	6.3	37
33	Joint Communication Scheduling and Velocity Control in Multi-UAV-Assisted Sensor Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 10986-10998.	6.3	17
34	Distributed Machine Learning for Wireless Communication Networks: Techniques, Architectures, and Applications. IEEE Communications Surveys and Tutorials, 2021, 23, 1458-1493.	39.4	53
35	QoS-Aware Energy Management and Node Scheduling Schemes for Sensor Network-Based Surveillance Applications. IEEE Access, 2021, 9, 3065-3096.	4.2	11
36	Multi-Agent Multi-Armed Bandit Learning for Online Management of Edge-Assisted Computing. IEEE Transactions on Communications, 2021, 69, 8188-8199.	7.8	16

#	ARTICLE	IF	CITATIONS
37	Joint Optimization of Trajectory, Propulsion, and Thrust Powers for Covert UAV-on-UAV Video Tracking and Surveillance. IEEE Transactions on Information Forensics and Security, 2021, 16, 1959-1972.	6.9	39
38	Cooperative Three-Dimensional Position Mapping Based on Received Signal Strength Measurements: Algorithm Design and Field Test. IEEE Transactions on Vehicular Technology, 2021, 70, 10541-10552.	6.3	2
39	Optimal Power Allocation for Superposed Secrecy Transmission in Multicarrier Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1332-1346.	6.3	3
40	Online Velocity Control and Data Capture of Drones for the Internet of Things: An Onboard Deep Reinforcement Learning Approach. IEEE Vehicular Technology Magazine, 2021, 16, 49-56.	3.4	16
41	Cooling-Aware Optimization of Edge Server Configuration and Edge Computation Offloading for Wirelessly Powered Devices. IEEE Transactions on Vehicular Technology, 2021, 70, 5043-5056.	6.3	7
42	Delay-Constrained Joint Power Control, User Detection and Passive Beamforming in Intelligent Reflecting Surface-Assisted Uplink mmWave System. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 482-495.	7.9	32
43	Deep Q-Networks for Aerial Data Collection in Multi-UAV-Assisted Wireless Sensor Networks. , 2021, , .		3
44	Joint Estimation of Multipath Angles and Delays for Millimeter-Wave Cylindrical Arrays With Hybrid Front-Ends. IEEE Transactions on Wireless Communications, 2021, 20, 4631-4645.	9.2	7
45	BloothAir. ACM Transactions on Cyber-Physical Systems, 2021, 5, 1-22.	2.5	10
46	An End-to-End (E2E) Network Slicing Framework for 5G Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 7103-7112.	6.3	22
47	Confidentiality and Timeliness of Data Dissemination in Platoon-based Vehicular Cyber-Physical Systems. IEEE Network, 2021, 35, 248-254.	6.9	5
48	Joint Computation Offloading and Trajectory Planning for UAV-Assisted Edge Computing. IEEE Transactions on Wireless Communications, 2021, 20, 5343-5358.	9.2	57
49	A hybrid intelligent service recommendation by latent semantics and explicit ratings. International Journal of Intelligent Systems, 2021, 36, 7867-7894.	5.7	9
50	Joint Resource Management for MC-NOMA: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2021, 20, 5672-5688.	9.2	33
51	Energy-Efficient Resource Allocation in Massive MIMO-NOMA Networks With Wireless Power Transfer: A Distributed ADMM Approach. IEEE Internet of Things Journal, 2021, 8, 14232-14247.	8.7	19
52	Sum-Rate Maximization for Multi-Reconfigurable Intelligent Surface-Assisted Device-to-Device Communications. IEEE Transactions on Communications, 2021, 69, 7283-7296.	7.8	25
53	Navigation of a UAV Team for Collaborative Eavesdropping on Multiple Ground Transmitters. IEEE Transactions on Vehicular Technology, 2021, 70, 10450-10460.	6.3	12
54	Software-Defined Networking-Based Adaptive Routing for Multi-Hop Multi-Frequency Wireless Mesh. IEEE Transactions on Vehicular Technology, 2021, 70, 13073-13086.	6.3	5

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55	Energy Minimization for Intelligent Reflecting Surface-Assisted Mobile Edge Computing. , 2021, , .		5
56	An RGB-D Based Approach for Human Pose Estimation. , 2021, , .		1
57	Uncoordinated Pseudonym Changes for Privacy Preserving in Distributed Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1465-1477.	5.8	14
58	Optimal Rate-Adaptive Data Dissemination in Vehicular Platoons. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4241-4251.	8.0	18
59	Reliability Analysis of Large-Scale Adaptive Weighted Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 651-665.	6.9	10
60	Analysis of Clustered Licensed-Assisted Access in Unlicensed Spectrum. IEEE Transactions on Vehicular Technology, 2020, 69, 349-360.	6.3	4
61	Secrecy Performance of Terrestrial Radio Links Under Collaborative Aerial Eavesdropping. IEEE Transactions on Information Forensics and Security, 2020, 15, 604-619.	6.9	26
62	Achieving Ultrareliable and Low-Latency Communications in IoT by FD-SCMA. IEEE Internet of Things Journal, 2020, 7, 363-378.	8.7	22
63	Frequency-Reconfigurable Cloud Versus Fog Computing: An Energy-Efficiency Aspect. IEEE Transactions on Green Communications and Networking, 2020, 4, 221-235.	5.5	14
64	Three-User Cooperative NOMA Transmission. IEEE Wireless Communications Letters, 2020, 9, 465-469.	5.0	18
65	Refinement of Optimal Interpolation Factor for DFT Interpolated Frequency Estimator. IEEE Communications Letters, 2020, 24, 782-786.	4.1	18
66	Joint Power Allocation and Beamforming for Overlaid Secrecy Transmissions in MIMO-OFDM Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 10019-10032.	6.3	11
67	A Method for Covert Video Surveillance of a Car or a Pedestrian by an Autonomous Aerial Drone via Trajectory Planning. , 2020, , .		7
68	Optimal Selection of Heterogeneous Network Interfaces for High-Speed Rail Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 15005-15018.	6.3	0
69	Virtual Service Placement for Edge Computing Under Finite Memory and Bandwidth. IEEE Transactions on Communications, 2020, 68, 7702-7718.	7.8	17
70	Efficient Attributed Scatter Center Extraction Based on Image-Domain Sparse Representation. IEEE Transactions on Signal Processing, 2020, 68, 4368-4381.	5.3	15
71	Proactive Dynamic Channel Selection Based on Multi-Armed Bandit Learning for 5G NR-U. IEEE Access, 2020, 8, 196363-196374.	4.2	8
72	Tensor-Based Multi-Dimensional Wideband Channel Estimation for mmWave Hybrid Cylindrical Arrays. IEEE Transactions on Communications, 2020, 68, 7608-7622.	7.8	12

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73	Connectivity of UAV Swarms in 3D Spherical Spaces Under (Un)Intentional Ground Interference. IEEE Transactions on Vehicular Technology, 2020, 69, 8792-8804.	6.3	12
74	Poster Abstract: Multi-Drone Assisted Internet of Things Testbed Based on Bluetooth 5 Communications. , 2020, , .		6
75	Secrecy Rate Analysis for Millimeter-Wave Lens Antenna Array Transmission. IEEE Communications Letters, 2020, 24, 272-276.	4.1	5
76	Cooperative Computing Anytime, Anywhere: Ubiquitous Fog Services. IEEE Wireless Communications, 2020, 27, 162-169.	9.0	12
77	Distributed Online Optimization of Fog Computing for Internet of Things Under Finite Device Buffers. IEEE Internet of Things Journal, 2020, 7, 5434-5448.	8.7	15
78	Onboard Deep Deterministic Policy Gradients for Online Flight Resource Allocation of UAVs. IEEE Networking Letters, 2020, 2, 106-110.	1.9	11
79	Energy-Efficient 3D Navigation of a Solar-Powered UAV for Secure Communication in the Presence of Eavesdroppers and No-Fly Zones. Energies, 2020, 13, 1445.	3.1	21
80	Multibeam Optimization for Joint Communication and Radio Sensing Using Analog Antenna Arrays. IEEE Transactions on Vehicular Technology, 2020, 69, 11000-11013.	6.3	19
81	Enabling Attribute Revocation for Fine-Grained Access Control in Blockchain-IoT Systems. IEEE Transactions on Engineering Management, 2020, 67, 1213-1230.	3.5	65
82	Real-Time Optimization of Dynamic Speed Scaling for Distributed Data Centers. IEEE Transactions on Network Science and Engineering, 2020, 7, 2090-2103.	6.4	5
83	Environment-Assisted Passive WiFi Tracking With Self-Localizing Asynchronous Sniffers. IEEE Systems Journal, 2020, 14, 4798-4809.	4.6	5
84	Modeling and Analysis of Energy Harvesting and Smart Grid-Powered Wireless Communication Networks: A Contemporary Survey. IEEE Transactions on Green Communications and Networking, 2020, 4, 461-496.	5.5	83
85	Decentralized Real-Time Optimization of Voltage Reconfigurable Cloud Computing Data Center. IEEE Transactions on Green Communications and Networking, 2020, 4, 577-592.	5.5	8
86	Securing UAV Communication in the Presence of Stationary or Mobile Eavesdroppers via Online 3D Trajectory Planning. IEEE Wireless Communications Letters, 2020, 9, 1211-1215.	5.0	37
87	Onboard Double Q-Learning for Airborne Data Capture in Wireless Powered IoT Networks. IEEE Networking Letters, 2020, 2, 71-75.	1.9	12
88	New NOMA-Based Two-Way Relay Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 15314-15324.	6.3	18
89	Computation Offloading and Trajectory Design for UAV-assisted Mobile Computing Systems. , 2020, , .		0
90	Statistical Learning-Based Dynamic Retransmission Mechanism for Mission Critical Communication: An Edge-Computing Approach. , 2020, , .		3

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91	Radio over Cloud (RoC): Cloud-Assisted Distributed Beamforming for Multi-Class Traffic. IEEE Transactions on Mobile Computing, 2019, 18, 1368-1379.	5.8	2
92	Unified Fine-Grained Access Control for Personal Health Records in Cloud Computing. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1278-1289.	6.3	29
93	Secret Key Agreement for Data Dissemination in Vehicular Platoons. IEEE Transactions on Vehicular Technology, 2019, 68, 9060-9073.	6.3	16
94	Optimal Online Data Partitioning for Geo-Distributed Machine Learning in Edge of Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 2393-2406.	14.0	36
95	Optimization and Quantization of Multibeam Beamforming Vector for Joint Communication and Radio Sensing. IEEE Transactions on Communications, 2019, 67, 6468-6482.	7.8	30
96	Secrecy Rate Analysis Against Aerial Eavesdropper. IEEE Transactions on Communications, 2019, 67, 7027-7042.	7.8	13
97	Economical Caching for Scalable Videos in Cache-Enabled Heterogeneous Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1608-1621.	14.0	24
98	Exploiting Spatial-Wideband Effect for Fast AoA Estimation at Lens Antenna Array. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 902-917.	10.8	10
99	Multi-Timescale Online Optimization of Network Function Virtualization for Service Chaining. IEEE Transactions on Mobile Computing, 2019, 18, 2899-2912.	5.8	18
100	The Effect of Linear Approximation and Gaussian Noise Assumption in Multi-Sensor Positioning Through Experimental Evaluation. IEEE Sensors Journal, 2019, 19, 10719-10727.	4.7	10
101	Cooperative Secret Key Generation for Platoon-Based Vehicular Communications. , 2019, , .		10
102	Recent Breakthroughs on Angle-of-Arrival Estimation for Millimeter-Wave High-Speed Railway Communication. IEEE Communications Magazine, 2019, 57, 57-63.	6.1	9
103	Ensuring Maxâ€“Min Fairness of UL SIMO-NOMA: A Rate Splitting Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 11080-11093.	6.3	28
104	Capacity of blockchain based Internet-of-Things: Testbed and analysis. Internet of Things (Netherlands), 2019, 8, 100109.	7.7	18
105	Analysis on Secrecy Capacity of Cooperative Non-Orthogonal Multiple Access With Proactive Jamming. IEEE Transactions on Vehicular Technology, 2019, 68, 2682-2696.	6.3	30
106	Energy-Efficient Military Surveillance: Coverage Meets Connectivity. IEEE Sensors Journal, 2019, 19, 3902-3911.	4.7	30
107	A Hybrid-Fuzzy Logic Guided Genetic Algorithm (H-FLGA) Approach for Resource Optimization in 5G VANETs. IEEE Transactions on Vehicular Technology, 2019, 68, 6964-6974.	6.3	51
108	Profitable Cooperative Region for Distributed Online Edge Caching. IEEE Transactions on Communications, 2019, 67, 4696-4708.	7.8	13

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109	Delay Guarantee and Effective Capacity of Downlink NOMA Fading Channels. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 508-523.	10.8	35
110	Expeditious Estimation of Angle-of-Arrival for Hybrid Butler Matrix Arrays. IEEE Transactions on Wireless Communications, 2019, 18, 2170-2185.	9.2	7
111	Passive Localization of Standard WiFi Devices. IEEE Systems Journal, 2019, 13, 3929-3932.	4.6	34
112	Game Theoretic Suppression of Forged Messages in Online Social Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-11.	9.3	2
113	Stochastic Online Learning for Mobile Edge Computing: Learning from Changes. IEEE Communications Magazine, 2019, 57, 63-69.	6.1	82
114	Enabling Technologies for Ultra-Reliable and Low Latency Communications: From PHY and MAC Layer Perspectives. IEEE Communications Surveys and Tutorials, 2019, 21, 2488-2524.	39.4	166
115	Downlink MIMO-NOMA for Ultra-Reliable Low-Latency Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 780-794.	14.0	54
116	Stand-off Detection of Human Presence and Movement Using IEEE 802.11ac Beamforming Reports. , 2019, , ,		2
117	On-Board Deep Q-Network for UAV-Assisted Online Power Transfer and Data Collection. IEEE Transactions on Vehicular Technology, 2019, 68, 12215-12226.	6.3	69
118	Efficient Angle-of-Arrival Estimation of Lens Antenna Arrays for Wireless Information and Power Transfer. IEEE Journal on Selected Areas in Communications, 2019, 37, 116-130.	14.0	12
119	Reinforcement Learning for Scheduling Wireless Powered Sensor Communications. IEEE Transactions on Green Communications and Networking, 2019, 3, 264-274.	5.5	20
120	Distributed Online Learning of Fog Computing Under Nonuniform Device Cardinality. IEEE Internet of Things Journal, 2019, 6, 1147-1159.	8.7	19
121	Survey on blockchain for Internet of Things. Computer Communications, 2019, 136, 10-29.	5.1	351
122	Energy Efficient Legitimate Wireless Surveillance of UAV Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 2283-2293.	6.3	78
123	Automated Function Placement and Online Optimization of Network Functions Virtualization. IEEE Transactions on Communications, 2019, 67, 1225-1237.	7.8	30
124	Analysis of Finite Buffer in Two-Way Relay: A Queueing Theoretic Point of View. IEEE Transactions on Vehicular Technology, 2018, 67, 3690-3694.	6.3	8
125	Distributed Optimization of Collaborative Regions in Large-Scale Inhomogeneous Fog Computing. IEEE Journal on Selected Areas in Communications, 2018, 36, 574-586.	14.0	55
126	Resource multi-objective mapping algorithm based on virtualized network functions: RMMA. Applied Soft Computing Journal, 2018, 66, 220-231.	7.2	10

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127	Analysis of Average Packet Loss Rate in Multi-Hop Broadcast for VANETs. IEEE Communications Letters, 2018, 22, 157-160.	4.1	20
128	An Evolutionary Game Theoretic Approach for Stable and Optimized Clustering in VANETs. IEEE Transactions on Vehicular Technology, 2018, 67, 4501-4513.	6.3	64
129	Effective Capacity Analysis in Ultra-Dense Wireless Networks With Random Interference. IEEE Access, 2018, 6, 19499-19508.	4.2	20
130	Energy-Efficient Transmission of Hybrid Array With Non-Ideal Power Amplifiers and Circuitry. IEEE Transactions on Wireless Communications, 2018, 17, 3945-3958.	9.2	6
131	Robust Unambiguous Estimation of Angle-of-Arrival in Hybrid Array With Localized Analog Subarrays. IEEE Transactions on Wireless Communications, 2018, 17, 2987-3002.	9.2	37
132	Energy-Efficient Admission of Delay-Sensitive Tasks for Mobile Edge Computing. IEEE Transactions on Communications, 2018, 66, 2603-2616.	7.8	154
133	5G next generation VANETs using SDN and fog computing framework. , 2018, , .		87
134	Fast and Accurate Estimation of Angle-of-Arrival for Satellite-Borne Wideband Communication System. IEEE Journal on Selected Areas in Communications, 2018, 36, 314-326.	14.0	18
135	The Impact of Link Duration on the Integrity of Distributed Mobile Networks. IEEE Transactions on Information Forensics and Security, 2018, 13, 2240-2255.	6.9	8
136	Joint Beamforming and User Selection in Multiuser Collaborative MIMO SWIPT Systems With Nonnegligible Circuit Energy Consumption. IEEE Transactions on Vehicular Technology, 2018, 67, 3909-3923.	6.3	17
137	Wireless Power Transfer and Data Collection in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2686-2697.	6.3	71
138	A Passive Tracking System with Decimeter-Level Accuracy Using IEEE 802.11 Signals. , 2018, , .		3
139	Unified Ciphertext-Policy Weighted Attribute-Based Encryption for Sharing Data in Cloud Computing. Applied Sciences (Switzerland), 2018, 8, 2519.	2.5	3
140	Multi-Timescale Decentralized Online Orchestration of Software-Defined Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2716-2730.	14.0	26
141	LCD: Low Latency Command Dissemination for a Platoon of Vehicles. , 2018, , .		13
142	Distributed Online Optimization of Fog Computing for Selfish Devices With Out-of-Date Information. IEEE Transactions on Wireless Communications, 2018, 17, 7704-7717.	9.2	39
143	Capacity Analysis of UAV Communications: Cases of Random Trajectories. IEEE Transactions on Vehicular Technology, 2018, 67, 7564-7576.	6.3	67
144	Recent advances on cooperative wireless localization and their application in inhomogeneous propagation environments. Computer Networks, 2018, 142, 253-271.	5.1	11

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145	Energy-Efficient Caching for Scalable Videos in Heterogeneous Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1802-1815.	14.0	41
146	Analysis of Effective Capacity and Throughput of Polling-Based Device-To-Device Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8656-8666.	6.3	9
147	Energy-Efficient Two-Way Relaying Under Non-ideal Power Amplifiers. IEEE Transactions on Vehicular Technology, 2017, 66, 1257-1270.	6.3	25
148	A New Trellis Model for MAC Layer Cooperative Retransmission Protocols. IEEE Transactions on Vehicular Technology, 2017, 66, 3448-3461.	6.3	7
149	Adaptive Centralized Clustering Framework for Software-Defined Ultra-Dense Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 8553-8557.	6.3	13
150	Joint Rate Maximization of Downlink and Uplink in Multiuser MIMO SWIPT Systems. IEEE Access, 2017, 5, 3750-3762.	4.2	18
151	Optimal Schedule of Mobile Edge Computing for Internet of Things Using Partial Information. IEEE Journal on Selected Areas in Communications, 2017, 35, 2606-2615.	14.0	208
152	Massive MIMO for Full-Duplex Cellular Two-Way Relay Network: A Spectral Efficiency Study. IEEE Access, 2017, 5, 23288-23298.	4.2	12
153	Real-Time Energy Trading and Future Planning for Fifth Generation Wireless Communications. IEEE Wireless Communications, 2017, 24, 24-30.	9.0	32
154	Energy Efficiency Maximization of Full-Duplex Two-Way Relay With Non-Ideal Power Amplifiers and Non-Negligible Circuit Power. IEEE Transactions on Wireless Communications, 2017, 16, 6264-6278.	9.2	37
155	Effective Capacity of Licensed-Assisted Access in Unlicensed Spectrum for 5G: From Theory to Application. IEEE Journal on Selected Areas in Communications, 2017, 35, 1754-1767.	14.0	73
156	Decentralized Relaying and Performance Analysis in Vehicular Ad Hoc Networks. , 2017, , .		0
157	Distributed Stochastic Optimization of Network Function Virtualization. , 2017, , .		6
158	Two-way energy trading and online planning for fifth-generation communications with renewables. , 2017, , .		0
159	SWPT: A Joint-Scheduling Model for Wireless Powered Sensor Networks. , 2017, , .		6
160	Angle-of-Arrival Estimation Using Different Phase Shifts Across Subarrays in Localized Hybrid Arrays. IEEE Communications Letters, 2016, 20, 2205-2208.	4.1	29
161	Errata to the paper "An Evolutionary Game Theoretic Framework for Femtocell Radio Resource Management" IEEE Transactions on Wireless Communications, 2016, 15, 8610-8612.	9.2	2
162	Optimal Quality-of-Service Scheduling for Energy-Harvesting Powered Wireless Communications. IEEE Transactions on Wireless Communications, 2016, 15, 3269-3280.	9.2	24

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163	Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles. IEEE Transactions on Mobile Computing, 2016, 15, 1377-1386.	5.8	161
164	Analytic Performance Model for State-Based MAC Layer Cooperative Retransmission Protocols. IEEE Transactions on Mobile Computing, 2016, 15, 32-44.	5.8	11
165	VANET Modeling and Clustering Design Under Practical Traffic, Channel and Mobility Conditions. IEEE Transactions on Communications, 2015, 63, 870-881.	7.8	82
166	Provisioning quality-of-service to energy harvesting wireless communications. , 2015, 53, 102-109.		28
167	EPLA: Energy-balancing packets scheduling for airborne relaying networks. , 2015, , .		17
168	Software-defined wireless networking: centralized, distributed, or hybrid?. IEEE Network, 2015, 29, 32-38.	6.9	79
169	Relay-Assisted Wireless Communication Systems in Mining Vehicle Safety Applications. IEEE Transactions on Industrial Informatics, 2014, 10, 615-627.	11.3	15
170	Optimal Chunk-Based Resource Allocation for OFDMA Systems With Multiple BER Requirements. IEEE Transactions on Vehicular Technology, 2014, 63, 4292-4301.	6.3	10
171	A New Adaptive Small-Cell Architecture. IEEE Journal on Selected Areas in Communications, 2013, 31, 829-839.	14.0	46
172	Decentralized User-Centric Scheduling with Low Rate Feedback for Mobile Small Cells. IEEE Transactions on Wireless Communications, 2013, 12, 6106-6120.	9.2	12
173	Indoor wireless networks of the future: adaptive network architecture. , 2012, 50, 130-137.		18
174	Relay Handover and Link Adaptation Design for Fixed Relays in IMT-Advanced Using a New Markov Chain Model. IEEE Transactions on Vehicular Technology, 2012, 61, 1839-1853.	6.3	11
175	Indoor Location Algorithm Based on the Measurement of the Received Signal Strength. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2006, 1, 48-52.	0.6	11