

Tony Q S Quek

List of Publications by Year in descending order

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578
papers

17,585
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18482

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589
all docs

589
docs citations

589
times ranked

10875
citing authors

#	ARTICLE	IF	CITATIONS
1	Age of Information in Wireless Networks: Spatiotemporal Analysis and Locally Adaptive Power Control. IEEE Transactions on Mobile Computing, 2023, 22, 3123-3136.	5.8	5
2	Revenue Maximization: The Interplay Between Personalized Bundle Recommendation and Wireless Content Caching. IEEE Transactions on Mobile Computing, 2023, 22, 4253-4265.	5.8	2
3	The Node-Similarity Distribution of Complex Networks and Its Applications in Link Prediction. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4011-4023.	5.7	5
4	Joint Optimization of Fractional Frequency Reuse and Cell Clustering for Dynamic TDD Small Cell Networks. IEEE Transactions on Wireless Communications, 2022, 21, 398-412.	9.2	8
5	Federated Learning With Non-IID Data in Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 1927-1942.	9.2	44
6	Hybrid-Learning-Based Operational Visual Quality Inspection for Edge-Computing-Enabled IoT System. IEEE Internet of Things Journal, 2022, 9, 4958-4972.	8.7	7
7	Design and Analysis of MEC- and Proactive Caching-Based 360° Mobile VR Video Streaming. IEEE Transactions on Multimedia, 2022, 24, 1529-1544.	7.2	37
8	Reputation-Based Federated Learning for Secure Wireless Networks. IEEE Internet of Things Journal, 2022, 9, 1212-1226.	8.7	27
9	When to Preprocess? Keeping Information Fresh for Computing-Enable Internet of Things. IEEE Internet of Things Journal, 2022, 9, 4303-4317.	8.7	3
10	Optimizing Age of Information in Random-Access Poisson Networks. IEEE Internet of Things Journal, 2022, 9, 6816-6829.	8.7	2
11	Secure Transmission Rate of Short Packets With Queueing Delay Requirement. IEEE Transactions on Wireless Communications, 2022, 21, 203-218.	9.2	11
12	Spatiotemporal Analysis for Age of Information in Random Access Networks Under Last-Come First-Serve With Replacement Protocol. IEEE Transactions on Wireless Communications, 2022, 21, 2813-2829.	9.2	17
13	A Robust Distributed Hierarchical Online Learning Approach for Dynamic MEC Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 641-656.	14.0	7
14	Deep Learning-Based Transmit Power Control for Device Activity Detection and Channel Estimation in Massive Access. IEEE Wireless Communications Letters, 2022, 11, 183-187.	5.0	2
15	Adaptive Anomaly Detection for Internet of Things in Hierarchical Edge Computing: A Contextual-Bandit Approach. ACM Transactions on Internet of Things, 2022, 3, 1-23.	4.6	6
16	Learning-Based FEC for Non-Terrestrial Networks With Delayed Feedback. IEEE Communications Letters, 2022, 26, 306-310.	4.1	5
17	Fresh, Fair and Energy-Efficient Content Provision in a Private and Cache-Enabled UAV Network. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 97-112.	10.8	8
18	Performance Analysis of Statistical Priority-Based Multiple Access Network With Directional Antennas. IEEE Wireless Communications Letters, 2022, 11, 220-224.	5.0	1

#	ARTICLE	IF	CITATIONS
19	Deep Learning Approach for Outage-Constrained Non-Orthogonal Random Access. IEEE Wireless Communications Letters, 2022, 11, 645-649.	5.0	0
20	Revisiting Analog Over-the-Air Machine Learning: The Blessing and Curse of Interference. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 406-419.	10.8	11
21	Deep-Learning-Assisted Wireless-Powered Secure Communications With Imperfect Channel State Information. IEEE Internet of Things Journal, 2022, 9, 11464-11476.	8.7	3
22	Dynamic Scheduling for Heterogeneous Federated Learning in Private 5G Edge Networks. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 26-40.	10.8	16
23	Uplink-Downlink Duality of Multi-Cell Non-Orthogonal Multiple Access Systems. IEEE Transactions on Wireless Communications, 2022, 21, 5035-5048.	9.2	0
24	Joint Scheduling and Resource Allocation for Hierarchical Federated Edge Learning. IEEE Transactions on Wireless Communications, 2022, 21, 5857-5872.	9.2	17
25	Modeling and Performance Analysis of Statistical Priority-Based Multiple Access: A Stochastic Geometry Approach. IEEE Internet of Things Journal, 2022, 9, 13942-13954.	8.7	3
26	Distributed Reinforcement Learning for Privacy-Preserving Dynamic Edge Caching. IEEE Journal on Selected Areas in Communications, 2022, 40, 749-760.	14.0	30
27	A Novel Hybrid Duplex Scheme for Relay Channel: Joint Optimization of Full-Duplex Duty Cycle and Source Power Allocation. IEEE Transactions on Communications, 2022, 70, 2435-2450.	7.8	0
28	Routing protocol for heterogeneous FANETs with mobility prediction. China Communications, 2022, 19, 186-201.	3.2	18
29	Theory and techniques for intelligent wireless networks. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 1-4.	2.6	14
30	Joint Content Caching, Recommendation, and Transmission Optimization for Next Generation Multiple Access Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 1600-1614.	14.0	13
31	MOSAIC: Multiobjective Optimization Strategy for AI-Aided Internet of Things Communications. IEEE Internet of Things Journal, 2022, 9, 15657-15673.	8.7	1
32	Intelligent Ultrareliable and Low-Latency Communications: Flexibility and Adaptation. IEEE Internet of Things Journal, 2022, 9, 16140-16153.	8.7	2
33	Adaptive Routing Design for Flying Ad Hoc Networks. IEEE Communications Letters, 2022, 26, 1438-1442.	4.1	11
34	Simultaneous Wireless Information and Power Transfer Assisted Federated Learning via Nonorthogonal Multiple Access. IEEE Transactions on Green Communications and Networking, 2022, 6, 1846-1861.	5.5	8
35	Impacts of User Association and Power Control on Aol in Multi-Tier Cellular-Based IoT Networks. IEEE Wireless Communications Letters, 2022, 11, 1196-1200.	5.0	5
36	Belief Propagation Based Joint Detection and Decoding for Resistive Random Access Memories. IEEE Transactions on Communications, 2022, 70, 2227-2239.	7.8	2

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37	Energy Efficiency Optimization for Irregular Repetition Slotted ALOHA-Based Massive Access. IEEE Wireless Communications Letters, 2022, 11, 982-986.	5.0	6
38	UAV Trajectory and Beamforming Optimization for Integrated Periodic Sensing and Communication. IEEE Wireless Communications Letters, 2022, 11, 1211-1215.	5.0	39
39	Learning-Based Robust Resource Allocation for D2D Underlying Cellular Network. IEEE Transactions on Wireless Communications, 2022, 21, 6731-6745.	9.2	6
40	Non-Orthogonal Multiple Access Assisted Federated Learning via Wireless Power Transfer: A Cost-Efficient Approach. IEEE Transactions on Communications, 2022, 70, 2853-2869.	7.8	74
41	Secrecy Driven Federated Learning via Cooperative Jamming: An Approach of Latency Minimization. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 1687-1703.	4.6	19
42	Non-Terrestrial Networks for UAVs: Base Station Service Provisioning Schemes With Antenna Tilt. IEEE Access, 2022, 10, 41537-41550.	4.2	1
43	Mobility-Aware Cluster Federated Learning in Hierarchical Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 8441-8458.	9.2	25
44	GRACGE: Graph Signal Clustering and Multiple Graph Estimation. IEEE Transactions on Signal Processing, 2022, 70, 2015-2030.	5.3	2
45	Enhancing THz/mmWave Network Beam Alignment With Integrated Sensing and Communication. IEEE Communications Letters, 2022, 26, 1698-1702.	4.1	12
46	Federated Stochastic Gradient Descent Begets Self-Induced Momentum. , 2022, , .		1
47	Editorial: Introduction to the Issue on Distributed Machine Learning for Wireless Communication. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 320-325.	10.8	0
48	Feeling of Presence Maximization: mmWave-Enabled Virtual Reality Meets Deep Reinforcement Learning. IEEE Transactions on Wireless Communications, 2022, 21, 10005-10019.	9.2	6
49	Deep Reinforcement Learning for Interference Suppression in RIS-Aided High-Speed Railway Networks. , 2022, , .		6
50	Packet Reception Probabilities in Vehicular Communications Close to Intersections. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2823-2833.	8.0	7
51	Optimizing Information Freshness in Wireless Networks: A Stochastic Geometry Approach. IEEE Transactions on Mobile Computing, 2021, 20, 2269-2280.	5.8	55
52	Throughput Analysis of Small Cell Networks Under D-TDD and FFR. IEEE Communications Letters, 2021, 25, 665-669.	4.1	7
53	Online Learning Based Computation Offloading in MEC Systems With Communication and Computation Dynamics. IEEE Transactions on Communications, 2021, 69, 1147-1162.	7.8	55
54	Revenue Maximization for Content-Oriented Wireless Caching Networks (CWCNs) With Repair and Recommendation Considerations. IEEE Transactions on Wireless Communications, 2021, 20, 284-298.	9.2	16

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55	Deep Learning-Based Decoding of Linear Block Codes for Spin-Torque Transfer Magnetic Random Access Memory. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	3
56	A Unified Framework for SINR Analysis in Poisson Networks With Traffic Dynamics. IEEE Transactions on Communications, 2021, 69, 326-339.	7.8	15
57	An Incentive-Aware Job Offloading Control Framework for Multi-Access Edge Computing. IEEE Transactions on Mobile Computing, 2021, 20, 63-75.	5.8	45
58	Optimal Status Update for Caching Enabled IoT Networks: A Dueling Deep R-Network Approach. IEEE Transactions on Wireless Communications, 2021, 20, 8438-8454.	9.2	22
59	Energy-Aware Task Offloading and Resource Allocation for Time-Sensitive Services in Mobile Edge Computing Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 10925-10940.	6.3	38
60	Dynamic Computation Offloading in Ultra-Dense Networks Based on Mean Field Games. IEEE Transactions on Wireless Communications, 2021, 20, 6551-6565.	9.2	17
61	Two-Stage Stochastic Optimization Via Primal-Dual Decomposition and Deep Unrolling. IEEE Transactions on Signal Processing, 2021, 69, 3000-3015.	5.3	5
62	Caching Efficiency Maximization for Device-to-Device Communication Networks: A Recommend to Cache Approach. IEEE Transactions on Wireless Communications, 2021, 20, 6580-6594.	9.2	27
63	Resource-Hopping-Based Grant-Free Multiple Access for 6G-Enabled Massive IoT Networks. IEEE Internet of Things Journal, 2021, 8, 15349-15360.	8.7	14
64	Towards Cost Minimization for Wireless Caching Networks With Recommendation and Uncharted Usersâ€™ Feature Information. IEEE Transactions on Wireless Communications, 2021, 20, 6758-6771.	9.2	14
65	Robust Computation Offloading in Fog Radio Access Network With Fronthaul Compression. IEEE Transactions on Wireless Communications, 2021, 20, 6506-6521.	9.2	6
66	Secrecy Offloading Rate Maximization for Multi-Access Mobile Edge Computing Networks. IEEE Communications Letters, 2021, 25, 3800-3804.	4.1	10
67	Learning Autonomy in Management of Wireless Random Networks. IEEE Transactions on Wireless Communications, 2021, 20, 8039-8053.	9.2	2
68	How Should I Orchestrate Resources of My Slices for Bursty URLLC Service Provision?. IEEE Transactions on Communications, 2021, 69, 1134-1146.	7.8	15
69	CQI-Based Interference Detection and Resource Allocation With QoS Provision in LTE-U Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1421-1433.	6.3	6
70	Energy-efficient offloading and resource allocation for mobile edge computing enabled mission-critical internet-of-things systems. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	2.4	22
71	MagicNet: The Maritime Giant Cellular Network. IEEE Communications Magazine, 2021, 59, 117-123.	6.1	39
72	Is Blockchain Suitable for Data Freshness? An Age-of-Information Perspective. IEEE Network, 2021, 35, 96-103.	6.9	18

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73	Effective Cache-Enabled Wireless Networks: An Artificial Intelligence- and Recommendation-Oriented Framework. IEEE Vehicular Technology Magazine, 2021, 16, 20-28.	3.4	4
74	Performance Analysis of IoT networks with Mobile Data Collectors. , 2021, , .		4
75	Network Resource Allocation for eMBB Payload and URLLC Control Information Communication Multiplexing in a Multi-UAV Relay Network. IEEE Transactions on Communications, 2021, 69, 1802-1817.	7.8	27
76	Reduction of Cyclic Prefix Overhead in Narrow-Band Internet of Things (NB-IoT) Systems. IEEE Wireless Communications Letters, 2021, 10, 517-521.	5.0	6
77	Federated-Learning-Based Client Scheduling for Low-Latency Wireless Communications. IEEE Wireless Communications, 2021, 28, 32-38.	9.0	25
78	Mixed-Timescale Caching and Beamforming in Content Recommendation Aware Fog-RAN: A Latency Perspective. IEEE Transactions on Communications, 2021, 69, 2427-2440.	7.8	22
79	Multicast eMBB and Bursty URLLC Service Multiplexing in a CoMP-Enabled RAN. IEEE Transactions on Wireless Communications, 2021, 20, 3061-3077.	9.2	5
80	Computing-aided Update for Information Freshness in the Internet of Things. , 2021, , .		1
81	Coverage Modeling and Analysis for Outdoor THz Networks With Blockage and Molecular Absorption. IEEE Wireless Communications Letters, 2021, 10, 1028-1031.	5.0	12
82	Letâ€™s Share VMs: Optimal Placement and Pricing across Base Stations in MEC Systems. , 2021, , .		10
83	Understanding Age of Information in Large-Scale Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3196-3210.	9.2	40
84	Power Control for a URLLC-Enabled UAV System Incorporated With DNN-Based Channel Estimation. IEEE Wireless Communications Letters, 2021, 10, 1018-1022.	5.0	10
85	Spatiotemporal Modeling of Massive MIMO Systems With Mixed-Type IoT Devices: Scheduling Optimization With Delay Constraints. IEEE Internet of Things Journal, 2021, 8, 10146-10159.	8.7	5
86	Federated Learning in Multi-antenna Wireless Networks. , 2021, , .		3
87	Joint Link Scheduling and Rate Adaptation for Energy-Efficient Internet of Vessels. , 2021, , .		0
88	Channel Estimation Based on Deep Learning in Vehicle-to-Everything Environments. IEEE Communications Letters, 2021, 25, 1891-1895.	4.1	33
89	AgriAuth. , 2021, , .		0
90	When Virtual Network Operator Meets E-Commerce Platform: Advertising via Data Reward. , 2021, , .		2

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91	Training Classifiers that are Universally Robust to All Label Noise Levels. , 2021, , .		1
92	Resource-Optimized Recursive Access Class Barring for Bursty Traffic in Cellular IoT Networks. IEEE Internet of Things Journal, 2021, 8, 11640-11654.	8.7	13
93	Secrecy-Based Energy-Efficient Mobile Edge Computing via Cooperative Non-Orthogonal Multiple Access Transmission. IEEE Transactions on Communications, 2021, 69, 4659-4677.	7.8	30
94	A Hybrid DQN and Optimization Approach for Strategy and Resource Allocation in MEC Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4282-4295.	9.2	55
95	Online Client Scheduling for Fast Federated Learning. IEEE Wireless Communications Letters, 2021, 10, 1434-1438.	5.0	28
96	Optimal Pricing for Job Offloading in the MEC System With Two Priority Classes. IEEE Transactions on Vehicular Technology, 2021, 70, 8080-8091.	6.3	4
97	Learning-Based Robust Resource Allocation for Ultra-Reliable V2X Communications. IEEE Transactions on Wireless Communications, 2021, 20, 5199-5211.	9.2	10
98	Efficient Delay Minimization Algorithm for Cache-Enabled NOMA Systems. IEEE Wireless Communications Letters, 2021, 10, 1771-1775.	5.0	3
99	Wireless Energy Transfer in Extra-Large Massive MIMO Rician Channels. IEEE Transactions on Wireless Communications, 2021, 20, 5628-5641.	9.2	3
100	On the Design of Federated Learning in the Mobile Edge Computing Systems. IEEE Transactions on Communications, 2021, 69, 5902-5916.	7.8	21
101	RAN Slicing for Massive IoT and Bursty URLLC Service Multiplexing: Analysis and Optimization. IEEE Internet of Things Journal, 2021, 8, 14258-14275.	8.7	13
102	Robust Resource Allocation for Vehicular Communications With Imperfect CSI. IEEE Transactions on Wireless Communications, 2021, 20, 5883-5897.	9.2	14
103	Hybrid LMMSE Transceiver Optimization for Distributed IoT Sensing Networks With Different Levels of Synchronization. IEEE Internet of Things Journal, 2021, 8, 14458-14470.	8.7	7
104	Proactive UAV Network Slicing for URLLC and Mobile Broadband Service Multiplexing. IEEE Journal on Selected Areas in Communications, 2021, 39, 3225-3244.	14.0	27
105	Learning Driven NOMA Assisted Vehicular Edge Computing via Underlay Spectrum Sharing. IEEE Transactions on Vehicular Technology, 2021, 70, 977-992.	6.3	30
106	Exploiting Coding and Recommendation to Improve Cache Efficiency of Reliability-Aware Wireless Edge Caching Networks. IEEE Transactions on Wireless Communications, 2021, 20, 7243-7256.	9.2	18
107	Network Topology Inference From Heterogeneous Incomplete Graph Signals. IEEE Transactions on Signal Processing, 2021, 69, 314-327.	5.3	10
108	Deep Learning-Assisted TeraHertz QPSK Detection Relying on Single-Bit Quantization. IEEE Transactions on Communications, 2021, 69, 8175-8187.	7.8	10

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109	Multi-Domain Channel Extrapolation for FDD Massive MIMO Systems. IEEE Transactions on Communications, 2021, 69, 8534-8550.	7.8	1
110	Reinforcement Learning-based Mobile Edge Computing and Transmission Scheduling for Video Surveillance. IEEE Transactions on Emerging Topics in Computing, 2021, , 1-1.	4.6	10
111	Deep Learning-Based Cellular Random Access Framework. IEEE Transactions on Wireless Communications, 2021, 20, 7503-7518.	9.2	9
112	Hybrid Satellite-UAV-Terrestrial Networks for 6G Ubiquitous Coverage: A Maritime Communications Perspective. IEEE Journal on Selected Areas in Communications, 2021, 39, 3475-3490.	14.0	74
113	Asymptotically Optimal Arrival Rate for IoT Networks With AoI and Peak AoI Constraints. IEEE Communications Letters, 2021, 25, 3853-3857.	4.1	7
114	Digital Twin Empowered Mobile Edge Computing for Intelligent Vehicular Lane-Changing. IEEE Network, 2021, 35, 194-201.	6.9	45
115	Analysis of AoI Violation Probability in Wireless Networks. , 2021, , .		3
116	Privacy-Preserving Federated Reinforcement Learning for Popularity-Assisted Edge Caching. , 2021, , .		3
117	On the Convergence Rate of Federated Learning over Unreliable Networks. , 2021, , .		1
118	Scheduling Policies for Federated Learning in Wireless Networks. IEEE Transactions on Communications, 2020, 68, 317-333.	7.8	386
119	Power Allocation in Cache-Aided NOMA Systems: Optimization and Deep Reinforcement Learning Approaches. IEEE Transactions on Communications, 2020, 68, 630-644.	7.8	49
120	Analysis of Packet Throughput in Spatiotemporal HetNets with Scheduling and Various Traffic Loads. IEEE Wireless Communications Letters, 2020, 9, 95-98.	5.0	12
121	A Deep Learning Approach to Universal Binary Visible Light Communication Transceiver. IEEE Transactions on Wireless Communications, 2020, 19, 956-969.	9.2	13
122	Online Spectrum Partitioning for LTE-U and WLAN Coexistence in Unlicensed Spectrum. IEEE Transactions on Communications, 2020, 68, 506-520.	7.8	11
123	Optimizing Information Freshness in Computing-Enabled IoT Networks. IEEE Internet of Things Journal, 2020, 7, 971-985.	8.7	62
124	Toward Massive Connectivity for IoT in Mixed-ADC Distributed Massive MIMO. IEEE Internet of Things Journal, 2020, 7, 1841-1856.	8.7	24
125	Robust Superimposed Training Optimization for UAV Assisted Communication Systems. IEEE Transactions on Wireless Communications, 2020, 19, 1704-1721.	9.2	23
126	Task Offloading and Scheduling in Fog RAN: A Parallel Communication and Computation Perspective. IEEE Wireless Communications Letters, 2020, 9, 215-218.	5.0	30

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127	Online Resource Procurement and Allocation in a Hybrid Edge-Cloud Computing System. IEEE Transactions on Wireless Communications, 2020, 19, 2137-2149.	9.2	31
128	PV Cell Orientation Angles Optimization for a Base Station Equipped With Several PV Cells. IEEE Transactions on Green Communications and Networking, 2020, 4, 194-208.	5.5	3
129	Multi-layer Unmanned Aerial Vehicle Networks: Modeling and Performance Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 325-339.	9.2	49
130	Optimal Deployment of Energy Harvesters with Anti-Correlated Energy Generation at Base Stations. , 2020, , .		1
131	Dual-Ascent Inspired Transmit Precoding for Evolving Multiple-Access Spatial Modulation. IEEE Transactions on Communications, 2020, 68, 6945-6961.	7.8	12
132	Performance Analysis for Drone-Assisted HetNets with Flexible Cell Association. , 2020, , .		2
133	Energy-Efficient Deployment in Wireless Edge Caching. , 2020, , 303-321.		0
134	Aol and Energy Consumption Oriented Dynamic Status Updating in Caching Enabled IoT Networks. , 2020, , .		22
135	On recommendation-aware content caching for 6G: An artificial intelligence and optimization empowered paradigm. Digital Communications and Networks, 2020, 6, 304-311.	5.0	12
136	SIR Coverage Analysis in Multi-Cell Downlink Systems With Spatially Correlated Queues. IEEE Access, 2020, 8, 99832-99845.	4.2	6
137	Dynamic Sparse Coded Multi-Hop Transmissions Using Reinforcement Learning. IEEE Communications Letters, 2020, 24, 2206-2210.	4.1	4
138	Scheduling Policies for Quantum Key Distribution Enabled Communication Networks. IEEE Wireless Communications Letters, 2020, 9, 2126-2129.	5.0	2
139	Joint Optimization of Data Sampling and User Selection for Federated Learning in the Mobile Edge Computing Systems. , 2020, , .		24
140	Multi-Armed Bandit-Based Client Scheduling for Federated Learning. IEEE Transactions on Wireless Communications, 2020, 19, 7108-7123.	9.2	155
141	NOMA based VR Video Transmissions Exploiting User Behavioral Coherence. , 2020, , .		3
142	Performance Analysis and Cell Association Design for Drone-Assisted Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 13741-13755.	6.3	11
143	On the Asynchrony of Computation Offloading in Multi-User MEC Systems. IEEE Transactions on Communications, 2020, 68, 7746-7761.	7.8	28
144	On Streaming Coding for Low-Latency Packet Transmissions Over Highly Lossy Links. IEEE Communications Letters, 2020, 24, 1885-1889.	4.1	8

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145	Federated Learning With Differential Privacy: Algorithms and Performance Analysis. IEEE Transactions on Information Forensics and Security, 2020, 15, 3454-3469.	6.9	773
146	Artificial-Intelligence-Driven Fog Radio Access Networks: Recent Advances and Future Trends. IEEE Wireless Communications, 2020, 27, 12-13.	9.0	16
147	Age-Based Scheduling Policy for Federated Learning in Mobile Edge Networks. , 2020, , .		104
148	Analogâ€“Digital Hybrid Transceiver Optimization for Data Aggregation in IoT Networks. IEEE Internet of Things Journal, 2020, 7, 11262-11275.	8.7	10
149	Enhancing Physical Layer Security of Random Caching in Large-Scale Multi-Antenna Heterogeneous Wireless Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 2840-2855.	6.9	9
150	On Data Dissemination Enhanced by Network Coded Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2020, 19, 3963-3976.	9.2	6
151	Data-Limited Modulation Classification With a CVAE-Enhanced Learning Model. IEEE Communications Letters, 2020, 24, 2191-2195.	4.1	8
152	Massive MIMO Networks With Spatio-Temporal Traffic: Scheduling Mechanism Optimization. IEEE Communications Letters, 2020, 24, 2339-2343.	4.1	5
153	Joint Optimal Software Caching, Computation Offloading and Communications Resource Allocation for Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 7879-7894.	6.3	56
154	Dynamic Pricing for Resource-Quota Sharing in Multi-Access Edge Computing. IEEE Transactions on Network Science and Engineering, 2020, 7, 2901-2912.	6.4	20
155	Hierarchical Offloading for Delay-Constrained Applications in Fog RAN. IEEE Transactions on Vehicular Technology, 2020, 69, 4257-4270.	6.3	16
156	Mobile Edge Cloud-Based Industrial Internet of Things: Improving Edge Intelligence With Hierarchical SDN Controllers. IEEE Vehicular Technology Magazine, 2020, 15, 36-45.	3.4	27
157	Video Surveillance on Mobile Edge Networksâ€“A Reinforcement-Learning-Based Approach. IEEE Internet of Things Journal, 2020, 7, 4746-4760.	8.7	27
158	Location-Based MIMO-NOMA: Multiple Access Regions and Low-Complexity User Pairing. IEEE Transactions on Communications, 2020, 68, 2293-2307.	7.8	17
159	On Safeguarding Privacy and Security in the Framework of Federated Learning. IEEE Network, 2020, 34, 242-248.	6.9	147
160	Contextual-Bandit Anomaly Detection for IoT Data in Distributed Hierarchical Edge Computing. , 2020, , .		11
161	Belief Propagation based Scheduling for Energy Efficient Multi-drone Monitoring System. , 2020, , .		3
162	Dynamic Computation Offloading in Multi-Server MEC Systems: An Online Learning Approach. , 2020, , .		7

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163	A Sharing-Economy Inspired Pricing Mechanism for Multi-Access Edge Computing. , 2020, , .		3
164	Performance Analysis for Multi-Antenna Small Cell Networks with Clustered Dynamic TDD. , 2020, , .		1
165	Age of Information in Random Access Networks: A Spatiotemporal Study. , 2020, , .		15
166	A Robust Hierarchical Learning Approach for dynamic MEC Networks. , 2020, , .		0
167	Repeatedly Energy-Efficient and Fair Service Coverage: UAV Slicing. , 2020, , .		7
168	Service-Aware Resource Allocation Design of UAV RAN Slicing. , 2020, , .		6
169	Scheduling Optimization for Mixed-type Devices of IoT in Massive MIMO Systems with Spatio-Temporal Traffic. , 2020, , .		0
170	Effect of Spatial and Temporal Traffic Statistics on the Performance of Wireless Networks. IEEE Transactions on Communications, 2020, 68, 7083-7097.	7.8	10
171	Wireless-Powered Two-Way Relaying Protocols for Optimizing Physical Layer Security. IEEE Transactions on Information Forensics and Security, 2019, 14, 162-174.	6.9	41
172	Secret Group-Key Generation at Physical Layer for Multi-Antenna Mesh Topology. IEEE Transactions on Information Forensics and Security, 2019, 14, 18-33.	6.9	39
173	Mobile Data Offloading with Uniform Pricing and Overlaps. IEEE Transactions on Mobile Computing, 2019, 18, 348-361.	5.8	22
174	Incorporating URLLC and Multicast eMBB in Sliced Cloud Radio Access Network. , 2019, , .		8
175	Effective Service Architecture and Antenna Allocation Mechanism for CoMP Transmissions in Ultra Dense Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4283-4297.	9.2	1
176	Performance Analysis of Computation Offloading in Fog-Radio Access Networks. , 2019, , .		10
177	The Meta Distribution of SINR for Small Cell Networks with Temporal Traffic. , 2019, , .		5
178	On the Design of Computation Offloading in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7136-7149.	6.3	70
179	Recursive Access Class Barring for Machine Type Communications with PUSCH Resource Constraints. , 2019, , .		6
180	Double Auction Based Resource Allocation for Secure Video Caching in Heterogeneous Networks. , 2019, , .		0

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181	RF based entropy sources for jamming resilience. , 2019, , .		1
182	Cross-Layer Design for Mission-Critical IoT in Mobile Edge Computing Systems. IEEE Internet of Things Journal, 2019, 6, 9360-9374.	8.7	41
183	Dynamic Power Control for NOMA Transmissions in Wireless Caching Networks. IEEE Wireless Communications Letters, 2019, 8, 1485-1488.	5.0	41
184	Pose Guided Global and Local GAN for Appearance Preserving Human Video Prediction. , 2019, , .		2
185	Constrained Deep Learning for Wireless Resource Management. , 2019, , .		6
186	Joint Uplink/Downlink Sub-Channel, Bit and Time Allocation for Multi-Access Edge Computing. IEEE Communications Letters, 2019, 23, 1811-1815.	4.1	19
187	Learn to Sense: A Meta-Learning-Based Sensing and Fusion Framework for Wireless Sensor Networks. IEEE Internet of Things Journal, 2019, 6, 8215-8227.	8.7	26
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