

Mehdi Bennis

List of Publications by Year in descending order

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342
papers

23,315
citations

31974
53
h-index

14758
127
g-index

347
all docs

347
docs citations

347
times ranked

12375
citing authors

#	ARTICLE	IF	CITATIONS
1	An Energy and Carbon Footprint Analysis of Distributed and Federated Learning. IEEE Transactions on Green Communications and Networking, 2023, 7, 248-264.	5.5	10
2	Learning How to Configure LoRa Networks With No Regret: A Distributed Approach. IEEE Transactions on Industrial Informatics, 2023, 19, 5633-5644.	11.3	1
3	Millimeter Wave Communications With an Intelligent Reflector: Performance Optimization and Distributional Reinforcement Learning. IEEE Transactions on Wireless Communications, 2022, 21, 1836-1850.	9.2	18
4	Distributed Conditional Generative Adversarial Networks (GANs) for Data-Driven Millimeter Wave Communications in UAV Networks. IEEE Transactions on Wireless Communications, 2022, 21, 1438-1452.	9.2	12
5	Fast MIMO Beamforming via Deep Reinforcement Learning for High Mobility mmWave Connectivity. IEEE Journal on Selected Areas in Communications, 2022, 40, 127-142.	14.0	19
6	Communication-Efficient and Federated Multi-Agent Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 311-320.	7.9	7
7	Vehicular Cooperative Perception Through Action Branching and Federated Reinforcement Learning. IEEE Transactions on Communications, 2022, 70, 891-903.	7.8	15
8	Learning, Computing, and Trustworthiness in Intelligent IoT Environments: Performance-Energy Tradeoffs. IEEE Transactions on Green Communications and Networking, 2022, 6, 629-644.	5.5	7
9	Communication Efficient Decentralized Learning Over Bipartite Graphs. IEEE Transactions on Wireless Communications, 2022, 21, 4150-4167.	9.2	6
10	Federated Learning-Based Content Popularity Prediction in Fog Radio Access Networks. IEEE Transactions on Wireless Communications, 2022, 21, 3836-3849.	9.2	9
11	Can Terahertz Provide High-Rate Reliable Low-Latency Communications for Wireless VR?. IEEE Internet of Things Journal, 2022, 9, 9712-9729.	8.7	39
12	Seven Defining Features of Terahertz (THz) Wireless Systems: A Fellowship of Communication and Sensing. IEEE Communications Surveys and Tutorials, 2022, 24, 967-993.	39.4	139
13	Information Freshness-Aware Task Offloading in Air-Ground Integrated Edge Computing Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 243-258.	14.0	37
14	Guest Editorial Special Issue on Distributed Learning Over Wireless Edge Networksâ€™Part II. IEEE Journal on Selected Areas in Communications, 2022, 40, 445-448.	14.0	0
15	Extreme ultra-reliable and low-latency communication. Nature Electronics, 2022, 5, 133-141.	26.0	33
16	Attention-Based Communication and Control for Multi-UAV Path Planning. IEEE Wireless Communications Letters, 2022, 11, 1409-1413.	5.0	8
17	LocFedMix-SL: Localize, Federate, and Mix for Improved Scalability, Convergence, and Latency in Split Learning. , 2022, , .		11
18	Variational Autoencoders for Reliability Optimization in Multi-Access Edge Computing Networks. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
19	THz-Empowered UAVs in 6G: Opportunities, Challenges, and Trade-offs. IEEE Communications Magazine, 2022, 60, 24-30.	6.1	28
20	Cell-Free mmWave Massive MIMO Systems With Low-Capacity Fronthaul Links and Low-Resolution ADC/DACs. IEEE Transactions on Vehicular Technology, 2022, 71, 10512-10526.	6.3	7
21	Federated Learning on the Road Autonomous Controller Design for Connected and Autonomous Vehicles. IEEE Transactions on Wireless Communications, 2022, 21, 10407-10423.	9.2	24
22	Joint Superposition Coding and Training for Federated Learning over Multi-Width Neural Networks. , 2022, , .		4
23	Time-Triggered Federated Learning Over Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 11066-11079.	9.2	6
24	Computation Offloading and Resource Allocation in F-RANs: A Federated Deep Reinforcement Learning Approach. , 2022, , .		9
25	Hiding in the Crowd: Federated Data Augmentation for On-Device Learning. IEEE Intelligent Systems, 2021, 36, 80-87.	4.0	6
26	Communication and Consensus Co-Design for Distributed, Low-Latency, and Reliable Wireless Systems. IEEE Internet of Things Journal, 2021, 8, 129-143.	8.7	19
27	Network slicing for vehicular communication. Transactions on Emerging Telecommunications Technologies, 2021, 32, .	3.9	25
28	Predictive Deployment of UAV Base Stations in Wireless Networks: Machine Learning Meets Contract Theory. IEEE Transactions on Wireless Communications, 2021, 20, 637-652.	9.2	54
29	Multikernel Clustering via Non-Negative Matrix Factorization Tailored Graph Tensor Over Distributed Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 1946-1956.	14.0	17
30	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. IEEE Transactions on Communications, 2021, 69, 164-181.	7.8	22
31	Adaptive Subcarrier, Parameter, and Power Allocation for Partitioned Edge Learning Over Broadband Channels. IEEE Transactions on Wireless Communications, 2021, 20, 8348-8361.	9.2	4
32	UAV-Assisted Communication in Remote Disaster Areas Using Imitation Learning. IEEE Open Journal of the Communications Society, 2021, 2, 738-753.	6.9	11
33	Federated Learning and Control at the Wireless Network Edge. GetMobile (New York, N Y), 2021, 24, 9-13.	1.0	2
34	Ultra-Reliable Indoor Millimeter Wave Communications Using Multiple Artificial Intelligence-Powered Intelligent Surfaces. IEEE Transactions on Communications, 2021, 69, 7444-7457.	7.8	2
35	Opportunities of Federated Learning in Connected, Cooperative, and Automated Industrial Systems. IEEE Communications Magazine, 2021, 59, 16-21.	6.1	68
36	Predictive Ultra-Reliable Communication: A Survival Analysis Perspective. IEEE Communications Letters, 2021, 25, 1221-1225.	4.1	9

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37	Communication-Efficient and Distributed Learning Over Wireless Networks: Principles and Applications. Proceedings of the IEEE, 2021, 109, 796-819.	21.3	100
38	Sum Rate and Reliability Analysis for Power-Domain Nonorthogonal Multiple Access (PD-NOMA). IEEE Internet of Things Journal, 2021, 8, 10160-10169.	8.7	12
39	Cooperative Edge Caching via Federated Deep Reinforcement Learning in Fog-RANs. , 2021, , .		14
40	When Wireless Communications Meet Computer Vision in Beyond 5G. IEEE Communications Standards Magazine, 2021, 5, 76-83.	4.9	19
41	BayGo: Joint Bayesian Learning and Information-Aware Graph Optimization. , 2021, , .		2
42	Intelligent Resource Slicing for eMBB and URLLC Coexistence in 5G and Beyond: A Deep Reinforcement Learning Based Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4585-4600.	9.2	149
43	Link Activation Using Variational Graph Autoencoders. IEEE Communications Letters, 2021, 25, 2358-2361.	4.1	2
44	Harnessing Wireless Channels for Scalable and Privacy-Preserving Federated Learning. IEEE Transactions on Communications, 2021, 69, 5194-5208.	7.8	30
45	Joint Client Scheduling and Resource Allocation Under Channel Uncertainty in Federated Learning. IEEE Transactions on Communications, 2021, 69, 5962-5974.	7.8	30
46	Predictive Control and Communication Co-Design via Two-Way Gaussian Process Regression and AoI-Aware Scheduling. IEEE Transactions on Communications, 2021, 69, 7077-7093.	7.8	19
47	Distributed Learning in Wireless Networks: Recent Progress and Future Challenges. IEEE Journal on Selected Areas in Communications, 2021, 39, 3579-3605.	14.0	201
48	Age-Optimal Power Allocation in Industrial IoT: A Risk-Sensitive Federated Learning Approach. , 2021, , .		3
49	Attention-based Reinforcement Learning for Real-Time UAV Semantic Communication. , 2021, , .		16
50	Federated Learning with Correlated Data: Taming the Tail for Age-Optimal Industrial IoT. , 2021, , .		3
51	Communication-Efficient and Personalized Federated Lottery Ticket Learning. , 2021, , .		2
52	End-to-End Intent-Based Networking. IEEE Communications Magazine, 2021, 59, 106-112.	6.1	25
53	Energy-Efficient Model Compression and Splitting for Collaborative Inference Over Time-Varying Channels. , 2021, , .		6
54	Split Learning Meets Koopman Theory for Wireless Remote Monitoring and Prediction. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
55	Guest Editorial Special Issue on Distributed Learning Over Wireless Edge Networks”Part I. IEEE Journal on Selected Areas in Communications, 2021, 39, 3575-3578.	14.0	1
56	Energy-Efficient and Federated Meta-Learning via Projected Stochastic Gradient Ascent. , 2021, , .		2
57	Federated Learning for Collaborative Controller Design of Connected and Autonomous Vehicles. , 2021, , .		9
58	Communication-Efficient Split Learning Based on Analog Communication and Over the Air Aggregation. , 2021, , .		11
59	Decentralized Asynchronous Coded Caching Design and Performance Analysis in Fog Radio Access Networks. IEEE Transactions on Mobile Computing, 2020, 19, 540-551.	5.8	24
60	A Vision of 6G Wireless Systems: Applications, Trends, Technologies, and Open Research Problems. IEEE Network, 2020, 34, 134-142.	6.9	2,182
61	Blockchained On-Device Federated Learning. IEEE Communications Letters, 2020, 24, 1279-1283.	4.1	449
62	A Mean Field Game-Based Distributed Edge Caching in Fog Radio Access Networks. IEEE Transactions on Communications, 2020, 68, 1567-1580.	7.8	32
63	Ultra-Reliable and Low-Latency Vehicular Communication: An Active Learning Approach. IEEE Communications Letters, 2020, 24, 367-370.	4.1	30
64	Distributed Federated Learning for Ultra-Reliable Low-Latency Vehicular Communications. IEEE Transactions on Communications, 2020, 68, 1146-1159.	7.8	240
65	Risk-Sensitive Task Fetching and Offloading for Vehicular Edge Computing. IEEE Communications Letters, 2020, 24, 617-621.	4.1	21
66	Optimized Age of Information Tail for Ultra-Reliable Low-Latency Communications in Vehicular Networks. IEEE Transactions on Communications, 2020, 68, 1911-1924.	7.8	79
67	Communication-Efficient Massive UAV Online Path Control: Federated Learning Meets Mean-Field Game Theory. IEEE Transactions on Communications, 2020, 68, 6840-6857.	7.8	52
68	A Joint Decentralized Federated Learning and Communications Framework for Industrial Networks. , 2020, , .		9
69	Data-Driven Predictive Scheduling in Ultra-Reliable Low-Latency Industrial IoT: A Generative Adversarial Network Approach. , 2020, , .		7
70	Mix2FLD: Downlink Federated Learning After Uplink Federated Distillation With Two-Way Mixup. IEEE Communications Letters, 2020, 24, 2211-2215.	4.1	27
71	Deep Learning Assisted CSI Estimation for Joint URLLC and eMBB Resource Allocation. , 2020, , .		14
72	Content Popularity Prediction in Fog Radio Access Networks: A Federated Learning Based Approach. , 2020, , .		17

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73	Proxy Experience Replay: Federated Distillation for Distributed Reinforcement Learning. IEEE Intelligent Systems, 2020, 35, 94-101.	4.0	17
74	Federated Learning in the Sky: Joint Power Allocation and Scheduling with UAV Swarms. , 2020, , .		100
75	Joint Parameter-and-Bandwidth Allocation for Improving the Efficiency of Partitioned Edge Learning. IEEE Transactions on Wireless Communications, 2020, 19, 8272-8286.	9.2	32
76	Risk-Aware Optimization of Age of Information in the Internet of Things. , 2020, , .		10
77	Risk-Based Optimization of Virtual Reality over Terahertz Reconfigurable Intelligent Surfaces. , 2020, , .		42
78	Predictive Control and Communication Co-Design: A Gaussian Process Regression Approach. , 2020, , .		7
79	Joint Redundant MDS Codes and Cluster Cooperation Based Coded Caching in Fog Radio Access Networks. , 2020, , .		2
80	A Speculative Study on 6G. IEEE Wireless Communications, 2020, 27, 118-125.	9.0	472
81	1 A Deep Reinforcement Learning Framework to Combat Dynamic Blockage in mmWave V2X Networks. , 2020, , .		6
82	Performance Analysis of Blockchain Systems With Wireless Mobile Miners. IEEE Networking Letters, 2020, 2, 111-115.	1.9	15
83	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. , 2020, , .		11
84	Cellular-Connected Wireless Virtual Reality: Requirements, Challenges, and Solutions. IEEE Communications Magazine, 2020, 58, 105-111.	6.1	92
85	Link-Level Throughput Maximization Using Deep Reinforcement Learning. IEEE Networking Letters, 2020, 2, 101-105.	1.9	1
86	Remote UAV Online Path Planning via Neural Network-Based Opportunistic Control. IEEE Wireless Communications Letters, 2020, 9, 861-865.	5.0	32
87	Communication-Efficient Multimodal Split Learning for mmWave Received Power Prediction. IEEE Communications Letters, 2020, 24, 1284-1288.	4.1	35
88	Intelligent Edge: Leveraging Deep Imitation Learning for Mobile Edge Computation Offloading. IEEE Wireless Communications, 2020, 27, 92-99.	9.0	64
89	Enhancing Video Streaming in Vehicular Networks via Resource Slicing. IEEE Transactions on Vehicular Technology, 2020, 69, 3513-3522.	6.3	30
90	Maximum Allowable Transfer Interval Aware Scheduling for Wireless Remote Monitoring. , 2020, , .		1

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91	Federated Learning under Channel Uncertainty: Joint Client Scheduling and Resource Allocation. , 2020, , .		35
92	L-FGADMM: Layer-Wise Federated Group ADMM for Communication Efficient Decentralized Deep Learning. , 2020, , .		6
93	Resource Awareness In Unmanned Aerial Vehicle-Assisted Mobile-Edge Computing Systems. , 2020, , .		24
94	Perineural dexamethasone attenuates liposomal bupivacaine-induced delayed neural inflammation in mice inÂvivo. British Journal of Anaesthesia, 2020, 125, 175-183.	3.4	7
95	A Crowdsourcing Framework for On-Device Federated Learning. IEEE Transactions on Wireless Communications, 2020, 19, 3241-3256.	9.2	175
96	Age of Information Aware Radio Resource Management in Vehicular Networks: A Proactive Deep Reinforcement Learning Perspective. IEEE Transactions on Wireless Communications, 2020, 19, 2268-2281.	9.2	118
97	Mean-Field Game Theoretic Edge Caching in Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 935-947.	6.3	15
98	Taming the Latency in Multi-User VR 360Â°: A QoE-Aware Deep Learning-Aided Multicast Framework. IEEE Transactions on Communications, 2020, 68, 2491-2508.	7.8	68
99	Optimized Caching and Spectrum Partitioning for D2D Enabled Cellular Systems With Clustered Devices. IEEE Transactions on Communications, 2020, 68, 4358-4374.	7.8	12
100	Phase Configuration Learning in Wireless Networks with Multiple Reconfigurable Intelligent Surfaces. , 2020, , .		27
101	Distributional Reinforcement Learning for mmWave Communications with Intelligent Reflectors on a UAV. , 2020, , .		12
102	Communication Efficient Framework for Decentralized Machine Learning. , 2020, , .		9
103	Full-Duplex Non-Orthogonal Multiple Access Networks. , 2019, , 285-303.		1
104	Optimized Deployment of Millimeter Wave Networks for In-Venue Regions With Stochastic Usersâ€™ Orientation. IEEE Transactions on Wireless Communications, 2019, 18, 5037-5049.	9.2	7
105	Power Control via Stackelberg Game for Small-Cell Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-10.	1.2	4
106	Decentralized Deep Reinforcement Learning for Delay-Power Tradeoff in Vehicular Communications. , 2019, , .		3
107	Distributed Edge Caching via Reinforcement Learning in Fog Radio Access Networks. , 2019, , .		24
108	Resource virtualization with edge caching and latency constraint for local B5G operator. , 2019, , .		2

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109	Wireless Network Intelligence at the Edge. Proceedings of the IEEE, 2019, 107, 2204-2239.	21.3	360
110	Joint Communication and Control System Design for Connected and Autonomous Vehicle Navigation. , 2019, , .		3
111	Joint Communication and Control for Wireless Autonomous Vehicular Platoon Systems. IEEE Transactions on Communications, 2019, 67, 7907-7922.	7.8	98
112	Multi-Tenant Cross-Slice Resource Orchestration: A Deep Reinforcement Learning Approach. IEEE Journal on Selected Areas in Communications, 2019, 37, 2377-2392.	14.0	96
113	A Proximal Jacobian ADMM Approach for Fast Massive MIMO Signal Detection in Low-Latency Communications. , 2019, , .		6
114	Edge Caching Resource Allocation in Fog Radio Access Networks: An Incentive Mechanism Based Approach. , 2019, , .		3
115	Reinforcement Learning-Based Vehicle-Cell Association Algorithm for Highly Mobile Millimeter Wave Communication. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1073-1085.	7.9	31
116	Wireless Edge Computing With Latency and Reliability Guarantees. Proceedings of the IEEE, 2019, 107, 1717-1737.	21.3	100
117	Joint Path Selection and Rate Allocation Framework for 5G Self-Backhauled mm-wave Networks. IEEE Transactions on Wireless Communications, 2019, 18, 2431-2445.	9.2	41
118	A Tutorial on UAVs for Wireless Networks: Applications, Challenges, and Open Problems. IEEE Communications Surveys and Tutorials, 2019, 21, 2334-2360.	39.4	1,602
119	eMBB-URLLC Resource Slicing: A Risk-Sensitive Approach. IEEE Communications Letters, 2019, 23, 740-743.	4.1	148
120	An Online Optimization Framework for Distributed Fog Network Formation With Minimal Latency. IEEE Transactions on Wireless Communications, 2019, 18, 2244-2258.	9.2	73
121	Joint Cache Allocation With Incentive and User Association in Cloud Radio Access Networks Using Hierarchical Game. IEEE Access, 2019, 7, 20773-20788.	4.2	9
122	Learning to Entangle Radio Resources in Vehicular Communications: An Oblivious Game-Theoretic Perspective. IEEE Transactions on Vehicular Technology, 2019, 68, 4262-4274.	6.3	10
123	Integrated Millimeter Wave and Sub-6 GHz Wireless Networks: A Roadmap for Joint Mobile Broadband and Ultra-Reliable Low-Latency Communications. IEEE Wireless Communications, 2019, 26, 109-115.	9.0	98
124	Dynamic Task Offloading and Resource Allocation for Ultra-Reliable Low-Latency Edge Computing. IEEE Transactions on Communications, 2019, 67, 4132-4150.	7.8	266
125	Reflections in the Sky: Millimeter Wave Communication with UAV-Carried Intelligent Reflectors. , 2019, , .		100
126	Massive Autonomous UAV Path Planning: A Neural Network Based Mean-Field Game Theoretic Approach. , 2019, , .		38

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127	Reinforcement Learning Based Scheduling Algorithm for Optimizing Age of Information in Ultra Reliable Low Latency Networks. , 2019, , .		31
128	Dynamic Radio Frame Configuration by Exploiting Uplink Control Channel for URLLC. , 2019, , .		0
129	Cooperative Edge Caching in Fog Radio Access Networks: A Pigeon Inspired Optimization Approach. , 2019, , .		8
130	Dependence Control for Reliability Optimization in Vehicular Networks. , 2019, , .		0
131	Secrecy Preserving in Stochastic Resource Orchestration for Multi-Tenancy Network Slicing. , 2019, , .		1
132	Ultra-Reliable Millimeter-Wave Communications Using an Artificial Intelligence-Powered Reflector. , 2019, , .		4
133	Incentivize to Build: A Crowdsourcing Framework for Federated Learning. , 2019, , .		24
134	Taming the Tail of Maximal Information Age in Wireless Industrial Networks. IEEE Communications Letters, 2019, 23, 2442-2446.	4.1	28
135	Cooperative caching in fog radio access networks: a graph-based approach. IET Communications, 2019, 13, 3519-3528.	2.2	16
136	User Preference Learning-Based Edge Caching for Fog Radio Access Network. IEEE Transactions on Communications, 2019, 67, 1268-1283.	7.8	139
137	Beyond 5G With UAVs: Foundations of a 3D Wireless Cellular Network. IEEE Transactions on Wireless Communications, 2019, 18, 357-372.	9.2	307
138	Optimized Computation Offloading Performance in Virtual Edge Computing Systems Via Deep Reinforcement Learning. IEEE Internet of Things Journal, 2019, 6, 4005-4018.	8.7	467
139	Communications and Control for Wireless Drone-Based Antenna Array. IEEE Transactions on Communications, 2019, 67, 820-834.	7.8	76
140	One Pixel Image and RF Signal Based Split Learning for mmWave Received Power Prediction. , 2019, , .		8
141	Wireless Resource Scheduling in Virtualized Radio Access Networks Using Stochastic Learning. IEEE Transactions on Mobile Computing, 2018, 17, 961-974.	5.8	41
142	Caching Meets Millimeter Wave Communications for Enhanced Mobility Management in 5G Networks. IEEE Transactions on Wireless Communications, 2018, 17, 779-793.	9.2	67
143	Ultra-Reliable Communication in 5G mmWave Networks: A Risk-Sensitive Approach. IEEE Communications Letters, 2018, 22, 708-711.	4.1	27
144	Fronthaul-Aware Software-Defined Wireless Networks: Resource Allocation and User Scheduling. IEEE Transactions on Wireless Communications, 2018, 17, 533-547.	9.2	13

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145	Toward Low-Latency and Ultra-Reliable Virtual Reality. IEEE Network, 2018, 32, 78-84.	6.9	389
146	HSDRAN: Hierarchical Software-Defined Radio Access Network for Distributed Optimization. IEEE Transactions on Vehicular Technology, 2018, 67, 8623-8636.	6.3	9
147	Learning-Based Caching in Cloud-Aided Wireless Networks. IEEE Communications Letters, 2018, 22, 137-140.	4.1	22
148	Ultra-Reliable Low-Latency Vehicular Networks: Taming the Age of Information Tail. , 2018, , .		50
149	Consensus-Before-Talk: Distributed Dynamic Spectrum Access via Distributed Spectrum Ledger Technology. , 2018, , .		16
150	Performance Analysis and Caching Design in Fog Radio Access Networks. , 2018, , .		15
151	Green Fog Offloading Strategy for Heterogeneous Wireless Edge Networks. , 2018, , .		6
152	Performance Optimization in Mobile-Edge Computing via Deep Reinforcement Learning. , 2018, , .		95
153	URLLC-eMBB Slicing to Support VR Multimodal Perceptions over Wireless Cellular Systems. , 2018, , .		40
154	A Quitting Game Framework for Self-Organized D2D Mobile Relaying in 5G. , 2018, , .		0
155	Online Optimization for UAV-Assisted Distributed Fog Computing in Smart Factories of Industry 4.0. , 2018, , .		19
156	Federated Learning for Ultra-Reliable Low-Latency V2V Communications. , 2018, , .		144
157	3D Cellular Network Architecture with Drones for beyond 5G. , 2018, , .		9
158	Machine Learning for Predictive On-Demand Deployment of Uavs for Wireless Communications. , 2018, , .		69
159	Wireless Communications and Control for Swarms of Cellular-Connected UAVs. , 2018, , .		27
160	On Minimizing Energy Consumption for D2D Clustered Caching Networks. , 2018, , .		14
161	Distributed Edge Caching in Ultra-Dense Fog Radio Access Networks: A Mean Field Approach. , 2018, , .		10
162	Decentralized Asynchronous Coded Caching in Fog-RAN. , 2018, , .		3

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163	Ultrareliable and Low-Latency Wireless Communication: Tail, Risk, and Scale. Proceedings of the IEEE, 2018, 106, 1834-1853.	21.3	590
164	Integrated Communications and Control Co-Design for Wireless Vehicular Platoon Systems. , 2018, , .		16
165	Drone-Based Antenna Array for Service Time Minimization in Wireless Networks. , 2018, , .		15
166	Dynamic Resource Allocation for Optimized Latency and Reliability in Vehicular Networks. IEEE Access, 2018, 6, 63843-63858.	4.2	43
167	Massive UAV-to-Ground Communication and its Stable Movement Control: A Mean-Field Approach. , 2018, , .		32
168	Proactive edge computing in fog networks with latency and reliability guarantees. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	27
169	Ultra-Reliable and Low-Latency Vehicular Transmission: An Extreme Value Theory Approach. IEEE Communications Letters, 2018, 22, 1292-1295.	4.1	53
170	Heterogeneous Ultra Dense Networks: Part 2. , 2018, 56, 12-13.		5
171	Collaborative Artificial Intelligence (AI) for User-Cell Association in Ultra-Dense Cellular Systems. , 2018, , .		19
172	Inter-Cluster Cooperation for Wireless D2D Caching Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6108-6121.	9.2	47
173	Path selection and rate allocation in self-backhauled mmWave networks. , 2018, , .		26
174	Edge computing meets millimeter-wave enabled VR: Paving the way to cutting the cord. , 2018, , .		59
175	Energy-Efficient Noncooperative Power Control in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7540-7547.	6.3	14
176	On the interplay between scheduling interval and beamwidth selection for low-latency and reliable V2V mmWave communications. , 2017, , .		8
177	Adapting Downlink Power in Fronthaul-Constrained Hierarchical Software-Defined RANs. , 2017, , .		7
178	Enhanced Co-Primary Spectrum Sharing Method for Multi-Operator Networks. IEEE Transactions on Mobile Computing, 2017, 16, 3347-3360.	5.8	10
179	Ultra-Reliable and Low Latency Communication in mmWave-Enabled Massive MIMO Networks. IEEE Communications Letters, 2017, 21, 2041-2044.	4.1	92
180	Optimal Transport Theory for Cell Association in UAV-Enabled Cellular Networks. IEEE Communications Letters, 2017, 21, 2053-2056.	4.1	94

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181	Guest Editorial Game Theory for Networks, Part II. IEEE Journal on Selected Areas in Communications, 2017, 35, 529-533.	14.0	1
182	Inter-Operator Resource Management for Millimeter Wave Multi-Hop Backhaul Networks. IEEE Transactions on Wireless Communications, 2017, 16, 5258-5272.	9.2	47
183	Joint Millimeter Wave and Microwave Resources Allocation in Cellular Networks With Dual-Mode Base Stations. IEEE Transactions on Wireless Communications, 2017, 16, 4802-4816.	9.2	86
184	Toward Interconnected Virtual Reality: Opportunities, Challenges, and Enablers. , 2017, 55, 110-117.		399
185	Guest Editorial Game Theory for Networks, Part I. IEEE Journal on Selected Areas in Communications, 2017, 35, 245-248.	14.0	0
186	A New Step Toward Evidence of In Vivo Perineural Dexamethasone Safety. Regional Anesthesia and Pain Medicine, 2017, 43, 1.	2.3	13
187	Multi-Operator Spectrum Sharing for Small Cell Networks: A Matching Game Perspective. IEEE Transactions on Wireless Communications, 2017, 16, 3761-3774.	9.2	40
188	Online Ski Rental for ON/OFF Scheduling of Energy Harvesting Base Stations. IEEE Transactions on Wireless Communications, 2017, 16, 2976-2990.	9.2	28
189	Dynamic Clustering and User Association in Wireless Small-Cell Networks With Social Considerations. IEEE Transactions on Vehicular Technology, 2017, 66, 6553-6568.	6.3	26
190	Wireless Communication Using Unmanned Aerial Vehicles (UAVs): Optimal Transport Theory for Hover Time Optimization. IEEE Transactions on Wireless Communications, 2017, 16, 8052-8066.	9.2	261
191	Delay-sensitive resource allocation for relay-aided M2M communication over LTE-advanced networks. , 2017, , .		9
192	Mobile Unmanned Aerial Vehicles (UAVs) for Energy-Efficient Internet of Things Communications. IEEE Transactions on Wireless Communications, 2017, 16, 7574-7589.	9.2	765
193	Vehicle clustering for improving enhanced LTE-V2X network performance. , 2017, , .		35
194	Performance evaluation of adaptive beamforming in 5G-V2X networks. , 2017, , .		10
195	Proactive edge computing in latency-constrained fog networks. , 2017, , .		95
196	Towards low-latency and ultra-reliable vehicle-to-vehicle communication. , 2017, , .		50
197	An online secretary framework for fog network formation with minimal latency. , 2017, , .		50
198	Learning-Based Small Cell Traffic Balancing Over Licensed and Unlicensed Bands. IEEE Wireless Communications Letters, 2017, 6, 694-697.	5.0	5

#	ARTICLE	IF	CITATIONS
199	Resource optimization and power allocation in in-band full duplex-enabled non-orthogonal multiple access networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 2860-2873.	14.0	57
200	Millimeter-Wave V2V Communications: Distributed Association and Beam Alignment. IEEE Journal on Selected Areas in Communications, 2017, 35, 2148-2162.	14.0	130
201	Joint Load Balancing and Interference Mitigation in 5G Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6032-6046.	9.2	62
202	An Oblivious Game-Theoretic Approach for Wireless Scheduling in V2V Communications. , 2017, , .		1
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