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List of Publications by Year in descending order

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248
papers

9,262
citations

76196

40
h-index

58464

82
g-index

255
all docs

255
docs citations

255
times ranked

7853
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Multi-Access Edge Computing in 5G and Beyond: Fundamentals, Technology Integration, and State-of-the-Art. IEEE Access, 2020, 8, 116974-117017.	2.6	493
2	Resource allocation for spectrum underlay in cognitive radio networks. IEEE Transactions on Wireless Communications, 2008, 7, 5306-5315.	6.1	387
3	Massive MIMO and mmWave for 5G Wireless HetNet: Potential Benefits and Challenges. IEEE Vehicular Technology Magazine, 2016, 11, 64-75.	2.8	351
4	Interference management in OFDMA femtocell networks: issues and approaches. IEEE Wireless Communications, 2012, 19, 86-95.	6.6	338
5	Optimal Bidding Strategy for Microgrids Considering Renewable Energy and Building Thermal Dynamics. IEEE Transactions on Smart Grid, 2014, 5, 1608-1620.	6.2	328
6	Risk-Constrained Profit Maximization for Microgrid Aggregators With Demand Response. IEEE Transactions on Smart Grid, 2015, 6, 135-146.	6.2	310
7	Joint Optimization of Electric Vehicle and Home Energy Scheduling Considering User Comfort Preference. IEEE Transactions on Smart Grid, 2014, 5, 188-199.	6.2	271
8	Federated Learning Meets Blockchain in Edge Computing: Opportunities and Challenges. IEEE Internet of Things Journal, 2021, 8, 12806-12825.	5.5	255
9	Joint rate and power allocation for cognitive radios in dynamic spectrum access environment. IEEE Transactions on Wireless Communications, 2008, 7, 5517-5527.	6.1	231
10	Multihop Cellular Networks: Potential Gains, Research Challenges, and a Resource Allocation Framework. , 2007, 45, 66-73.		214
11	On the Number of RF Chains and Phase Shifters, and Scheduling Design With Hybrid Analog"Digital Beamforming. IEEE Transactions on Wireless Communications, 2016, 15, 3311-3326.	6.1	187
12	Cognitive Radio Techniques Under Practical Imperfections: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 1858-1884.	24.8	179
13	Dynamic Spectrum Sharing in 5G Wireless Networks With Full-Duplex Technology: Recent Advances and Research Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 674-707.	24.8	174
14	Energy-Efficient Resource Allocation for D2D Communications in Cellular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 6972-6986.	3.9	159
15	Beamforming for multiuser massive MIMO systems: Digital versus hybrid analog-digital. , 2014, , .		148
16	Distributed Interference Management in Two-Tier CDMA Femtocell Networks. IEEE Transactions on Wireless Communications, 2012, 11, 979-989.	6.1	130
17	Hybrid MMSE Precoding and Combining Designs for mmWave Multiuser Systems. IEEE Access, 2017, 5, 19167-19181.	2.6	130
18	Dynamic Pricing Design for Demand Response Integration in Power Distribution Networks. IEEE Transactions on Power Systems, 2016, 31, 3457-3472.	4.6	121

#	ARTICLE	IF	CITATIONS
19	LTE Wireless Network Virtualization: Dynamic Slicing via Flexible Scheduling. , 2014, , .		117
20	Fair Resource Allocation for OFDMA Femtocell Networks With Macrocell Protection. IEEE Transactions on Vehicular Technology, 2014, 63, 1388-1401.	3.9	117
21	Energy Management for Households With Solar Assisted Thermal Load Considering Renewable Energy and Price Uncertainty. IEEE Transactions on Smart Grid, 2015, 6, 301-314.	6.2	117
22	Hybrid Content Caching in 5G Wireless Networks: Cloud Versus Edge Caching. IEEE Transactions on Wireless Communications, 2018, 17, 3030-3045.	6.1	117
23	A Bidding Strategy for Virtual Power Plants With the Intraday Demand Response Exchange Market Using the Stochastic Programming. IEEE Transactions on Industry Applications, 2018, 54, 3044-3055.	3.3	111
24	QoS-Aware and Energy-Efficient Resource Management in OFDMA Femtocells. IEEE Transactions on Wireless Communications, 2013, 12, 180-194.	6.1	108
25	Price-Based Resource Allocation for Edge Computing: A Market Equilibrium Approach. IEEE Transactions on Cloud Computing, 2021, 9, 302-317.	3.1	101
26	Optimal Control of Wireless Networks With Finite Buffers. IEEE/ACM Transactions on Networking, 2012, 20, 1316-1329.	2.6	94
27	Distributed Base Station Association and Power Control for Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 282-296.	3.9	93
28	Channel Assignment With Access Contention Resolution for Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 2808-2823.	3.9	85
29	Distributed MAC Protocol for Cognitive Radio Networks: Design, Analysis, and Optimization. IEEE Transactions on Vehicular Technology, 2011, 60, 3990-4003.	3.9	83
30	Cross-layer optimization frameworks for multihop wireless networks using cooperative diversity. IEEE Transactions on Wireless Communications, 2008, 7, 2592-2602.	6.1	81
31	Mobile Edge Computing With Wireless Backhaul: Joint Task Offloading and Resource Allocation. IEEE Access, 2019, 7, 16444-16459.	2.6	81
32	Hybrid MMSE precoding for mmWave multiuser MIMO systems. , 2016, , .		77
33	A MAC Protocol for Opportunistic Spectrum Access in Cognitive Radio Networks. , 2008, , .		74
34	Resource Allocation for D2D Communication Underlaid Cellular Networks Using Graph-Based Approach. IEEE Transactions on Wireless Communications, 2016, 15, 7099-7113.	6.1	71
35	Mobile location estimator with NLOS mitigation using Kalman filtering. , 0, , .		68
36	Coordinated Multipoint Transmission Design for Cloud-RANs With Limited Fronthaul Capacity Constraints. IEEE Transactions on Vehicular Technology, 2016, 65, 7432-7447.	3.9	63

#	ARTICLE	IF	CITATIONS
37	Hybrid Analog-Digital Channel Estimation and Beamforming: Training-Throughput Tradeoff. IEEE Transactions on Communications, 2015, 63, 5235-5249.	4.9	59
38	Delay Statistics and Throughput Performance for Multi-rate Wireless Networks Under Multiuser Diversity. IEEE Transactions on Wireless Communications, 2006, 5, 3234-3243.	6.1	57
39	Enabling 5G mobile wireless technologies. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	56
40	Pilot optimization and channel estimation for multiuser massive MIMO systems. , 2014, , .		54
41	Joint Mode Selection and Resource Allocation for Relay-Based D2D Communications. IEEE Communications Letters, 2017, 21, 398-401.	2.5	54
42	Longest-queue-first scheduling under SINR interference model. , 2010, , .		51
43	Matching Theory for Distributed User Association and Resource Allocation in Cognitive Femtocell Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 8413-8428.	3.9	51
44	Patient Satisfaction and Healthcare Utilization Using Telemedicine in Liver Transplant Recipients. Digestive Diseases and Sciences, 2019, 64, 1150-1157.	1.1	51
45	A Market-Based Framework for Multi-Resource Allocation in Fog Computing. IEEE/ACM Transactions on Networking, 2019, 27, 1151-1164.	2.6	50
46	Intelligent Radio Signal Processing: A Survey. IEEE Access, 2021, 9, 83818-83850.	2.6	49
47	Queueing Analysis for GBN and SR ARQ Protocols under Dynamic Radio Link Adaptation with Non-Zero Feedback Delay. IEEE Transactions on Wireless Communications, 2007, 6, 3418-3428.	6.1	42
48	An analytical model for ARQ cooperative diversity in multi-hop wireless networks. IEEE Transactions on Wireless Communications, 2008, 7, 1786-1791.	6.1	42
49	Service differentiation in multirate wireless networks with weighted round-robin scheduling and ARQ-based error control. IEEE Transactions on Communications, 2006, 54, 208-215.	4.9	41
50	Tandem Queue Models with Applications to QoS Routing in Multihop Wireless Networks. IEEE Transactions on Mobile Computing, 2008, 7, 1025-1040.	3.9	41
51	Resource Allocation Optimization in Multi-User Multi-Cell Massive MIMO Networks Considering Pilot Contamination. IEEE Access, 2015, 3, 1272-1287.	2.6	40
52	Distributed Pareto-Optimal Power Control for Utility Maximization in Femtocell Networks. IEEE Transactions on Wireless Communications, 2012, 11, 3434-3446.	6.1	39
53	Resource allocation for D2D communications under proportional fairness. , 2014, , .		37
54	Mobility-Aware Computation Offloading in MEC-Based Vehicular Wireless Networks. IEEE Communications Letters, 2020, 24, 466-469.	2.5	37

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55	Energy-efficient resource allocation for D2D communications in cellular networks. , 2015, , .		36
56	Toward the elimination of hepatitis C in the United States. Hepatology, 2018, 67, 2449-2459.	3.6	36
57	The Effects of Active Queue Management and Explicit Congestion Notification on Web Performance. IEEE/ACM Transactions on Networking, 2007, 15, 1217-1230.	2.6	35
58	Cooperative transmission in cloud RAN considering fronthaul capacity and cloud processing constraints. , 2014, , .		35
59	Design and Optimal Configuration of Full-Duplex MAC Protocol for Cognitive Radio Networks Considering Self-Interference. IEEE Access, 2015, 3, 2715-2729.	2.6	35
60	Overlay RF-powered backscatter cognitive radio networks: A game theoretic approach. , 2017, , .		35
61	Optimal Control of Wireless Networks with Finite Buffers. , 2010, , .		34
62	Computation Offloading in MIMO Based Mobile Edge Computing Systems Under Perfect and Imperfect CSI Estimation. IEEE Transactions on Services Computing, 2021, 14, 2011-2025.	3.2	33
63	mmWave communication enabling techniques for 5G wireless systems. , 2017, , 195-225.		32
64	Energy-efficient coordinated transmission for Cloud-RANs: Algorithm design and trade-off. , 2014, , .		31
65	Computation offloading leveraging computing resources from edge cloud and mobile peers. , 2017, , .		31
66	Distributed Uplink Power Control for Multi-Cell Cognitive Radio Networks. IEEE Transactions on Communications, 2015, 63, 628-642.	4.9	30
67	QoS-Aware Spectrum Sharing in Cognitive Wireless Networks. , 2007, , .		29
68	Delay analysis of maximum weight scheduling in wireless Ad Hoc networks. , 2009, , .		29
69	HARQ and AMC: Friends or Foes?. IEEE Transactions on Communications, 2017, 65, 635-650.	4.9	29
70	Joint coordinated beamforming and admission control for fronthaul constrained cloud-RANs. , 2014, , .		28
71	Optimal Resource Allocation for Buffer-Aided Relaying With Statistical QoS Constraint. IEEE Transactions on Communications, 2016, 64, 959-972.	4.9	28
72	Resource Allocation for Multi-Tenant Network Slicing: A Multi-Leader Multi-Follower Stackelberg Game Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 8886-8899.	3.9	28

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73	Power Allocation and Admission Control in Multiuser Relay Networks via Convex Programming: Centralized and Distributed Schemes. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	1.5	27
74	Joint subchannel and power allocation for D2D communications in cellular networks. , 2014, , .		26
75	Optimized Resource Management in Heterogeneous Wireless Networks. IEEE Communications Letters, 2016, , 1-1.	2.5	26
76	Joint Data Compression and Computation Offloading in Hierarchical Fog-Cloud Systems. IEEE Transactions on Wireless Communications, 2020, 19, 293-309.	6.1	26
77	Wireless Scheduling for Heterogeneous Services With Mixed Numerology in 5G Wireless Networks. IEEE Communications Letters, 2020, 24, 410-413.	2.5	25
78	Queue-Aware Resource Allocation for Downlink OFDMA Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2010, 9, 3100-3111.	6.1	24
79	Optimal Pricing for Duopoly in Cognitive Radio Networks: Cooperate or not Cooperate?. IEEE Transactions on Wireless Communications, 2014, 13, 2574-2587.	6.1	24
80	User scheduling for massive MIMO OFDMA systems with hybrid analog-digital beamforming. , 2015, , .		24
81	Wide-Band Sensing and Optimization for Cognitive Radio Networks With Noise Variance Uncertainty. IEEE Transactions on Communications, 2015, 63, 1091-1105.	4.9	24
82	Joint Pricing and Load Balancing for Cognitive Spectrum Access: Non-Cooperation Versus Cooperation. IEEE Journal on Selected Areas in Communications, 2015, 33, 972-985.	9.7	24
83	LTE multi-cell dynamic resource allocation for wireless network virtualization. , 2015, , .		24
84	NOMA User Pairing and UAV Placement in UAV-Based Wireless Networks. , 2019, , .		23
85	Network Virtualization with Energy Efficiency Optimization for Wireless Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2019, 18, 2386-2400.	3.9	23
86	Interaction between radio link level truncated ARQ, and TCP in multi-rate wireless networks: a cross-layer performance analysis. IET Communications, 2007, 1, 821.	1.5	22
87	Coordinated Resource Partitioning and Data Offloading in Wireless Heterogeneous Networks. IEEE Communications Letters, 2016, 20, 974-977.	2.5	22
88	Joint Resource Allocation and Content Caching in Virtualized Content-Centric Wireless Networks. IEEE Access, 2018, 6, 11329-11341.	2.6	22
89	Resource Allocation for Downlink Spectrum Sharing in Cognitive Radio Networks. , 2008, , .		21
90	Distributed Throughput Maximization in Wireless Networks via Random Power Allocation. IEEE Transactions on Mobile Computing, 2012, 11, 577-590.	3.9	21

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91	Optimal energy management for cooperative microgrids with renewable energy resources. , 2013, , .		21
92	End-to-End Network Slicing in Virtualized OFDMA-Based Cloud Radio Access Networks. IEEE Access, 2017, 5, 18675-18691.	2.6	21
93	Bi-Objective-Based Cost Allocation for Cooperative Demand-Side Resource Aggregators. IEEE Transactions on Smart Grid, 2018, 9, 4220-4235.	6.2	21
94	Distributed Interference Management in Femtocell Networks. , 2011, , .		20
95	Sensing Throughput Tradeoff for Cognitive Radio Networks with Noise Variance Uncertainty. , 2014, , .		20
96	Sharing Profit From Joint Offering of a Group of Wind Power Producers in Day Ahead Markets. IEEE Transactions on Sustainable Energy, 2018, 9, 1921-1934.	5.9	20
97	Radio link level performance evaluation in wireless networks using multi-rate transmission with ARQ-based error control. IEEE Transactions on Wireless Communications, 2006, 5, 2647-2653.	6.1	19
98	Delay-Optimal Distributed Scheduling in Multi-User Multi-Relay Cellular Wireless Networks. IEEE Transactions on Communications, 2013, 61, 1349-1360.	4.9	19
99	Physical layer aspects of wireless IoT. , 2016, , .		19
100	Optimal Data Scheduling and Admission Control for Backscatter Sensor Networks. IEEE Transactions on Communications, 2017, 65, 2062-2077.	4.9	19
101	Two Time-Scale Edge Caching and BS Association for Power-Delay Tradeoff in Multi-Cell Networks. IEEE Transactions on Communications, 2019, 67, 5506-5519.	4.9	19
102	Dynamic network slicing and resource allocation for heterogeneous wireless services. , 2017, , .		18
103	UAV Placement and Bandwidth Allocation for UAV Based Wireless Networks. , 2019, , .		18
104	Mobility-aware admission control with QoS guarantees in OFDMA femtocell networks. , 2013, , .		17
105	Hybrid analog-digital beamforming for multiuser MIMO millimeter wave relay systems. , 2015, , .		17
106	Joint data compression and MAC protocol design for smartgrids with renewable energy. Wireless Communications and Mobile Computing, 2016, 16, 2590-2604.	0.8	17
107	Stackelberg game approach for wireless virtualization design in wireless networks. , 2017, , .		17
108	Admission Control and Network Slicing for Multi-Numerology 5G Wireless Networks. IEEE Networking Letters, 2020, 2, 5-9.	1.5	17

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109	Competitive Spectrum Sharing and Pricing in Cognitive Wireless Mesh Networks. , 2008, , .		16
110	Cognitive Radio: From Theory to Practical Network Engineering. , 2009, , 251-289.		16
111	Distributed MAC Protocol Design for Full-Duplex Cognitive Radio Networks. , 2015, , .		16
112	Queuing analysis for radio link level scheduling in a multi-rate TDMA wireless network. , 0, , .		15
113	Optimal energy trading for building microgrid with electric vehicles and renewable energy resources. , 2014, , .		15
114	Dual Decomposition Method for Energy-Efficient Resource Allocation in D2D Communications Underlying Cellular Networks. , 2015, , .		15
115	Caching for Heterogeneous Small-Cell Networks With Bandwidth Allocation and Caching-Aware BS Association. IEEE Wireless Communications Letters, 2019, 8, 49-52.	3.2	15
116	Adaptive Channel Prediction, Beamforming and Scheduling Design for 5G V2I Network: Analytical and Machine Learning Approaches. IEEE Transactions on Vehicular Technology, 2020, 69, 5055-5067.	3.9	15
117	QoS-aware BS switching and cell zooming design for OFDMA green cellular networks. , 2012, , .		13
118	Joint load balancing and admission control in OFDMA-based femtocell networks. , 2012, , .		13
119	Fair resource allocation for device-to-device communications in wireless cellular networks. , 2012, , .		13
120	Cross-Layer Design for Congestion, Contention, and Power Control in CRAHNS under Packet Collision Constraints. IEEE Transactions on Wireless Communications, 2013, 12, 5557-5571.	6.1	13
121	Joint cooperative spectrum sensing and MAC protocol design for multi-channel cognitive radio networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	13
122	Energy-Efficient WiFi Offloading and Network Management in Heterogeneous Wireless Networks. IEEE Access, 2016, 4, 10210-10227.	2.6	13
123	UAV Trajectory and Sub-channel Assignment for UAV Based Wireless Networks. , 2020, , .		13
124	A Tandem Queue Model for Performance Analysis in Multihop Wireless Networks. , 2007, , .		12
125	Dynamic Server Allocation Over Time-Varying Channels With Switchover Delay. IEEE Transactions on Information Theory, 2012, 58, 5856-5877.	1.5	12
126	Computation capacity constrained joint transmission design for C-RANs. , 2016, , .		12

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127	Optimal Dynamic Point Selection for Power Minimization in Multiuser Downlink CoMP. IEEE Transactions on Wireless Communications, 2017, 16, 619-633.	6.1	12
128	Joint Rate Control and Resource Allocation in OFDMA Wireless Mesh Networks. , 2007, , .		11
129	Cross-layer optimization made practical. , 2007, , .		11
130	Robust Scheduling and Power Control for Vertical Spectrum Sharing in STDMA Wireless Networks. IEEE Transactions on Wireless Communications, 2012, 11, 1850-1860.	6.1	11
131	Radio resource management for optimizing energy efficiency of D2D communications in cellular networks. , 2015, , .		11
132	OMF-MAC: An Opportunistic Matched Filter-Based MAC in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2544-2559.	3.9	11
133	Joint Resource Allocation, Computation Offloading, and Path Planning for UAV Based Hierarchical Fog-Cloud Mobile Systems. , 2018, , .		11
134	Computation Offloading in MIMO Based Mobile Edge Computing Systems under Perfect and Imperfect CSI Estimation. , 2018, , .		11
135	Collaboration of Network Operators and Cloud Providers in Software-Controlled Networks. IEEE Network, 2020, 34, 98-105.	4.9	11
136	UAV Placement and Resource Allocation for Intelligent Reflecting Surface Assisted UAV-Based Wireless Networks. IEEE Communications Letters, 2022, 26, 1106-1110.	2.5	11
137	Channel assignment for throughput maximization in cognitive radio networks. , 2012, , .		10
138	Hybrid Access Design for Femtocell Networks with Dynamic User Association and Power Control. , 2012, , .		10
139	Home energy management with generic thermal dynamics and user temperature preference. , 2013, , .		10
140	Multiuser Admission Control and Beamforming Optimization Algorithms for MISO Heterogeneous Networks. IEEE Access, 2015, 3, 759-773.	2.6	10
141	AMC and HARQ: Effective capacity analysis. , 2016, , .		10
142	Bidding strategy for virtual power plant with intraday demand response exchange market using stochastic programming. , 2016, , .		10
143	Stackelberg Game-Based Network Slicing for Joint Wireless Access and Backhaul Resource Allocation. , 2019, , .		10
144	Computation Offloading and Resource Allocation for Backhaul Limited Cooperative MEC Systems. , 2019, , .		10

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145	Joint Computation Offloading, SFC Placement, and Resource Allocation for Multi-Site MEC Systems. , 2020, , .		10
146	Queueing analysis and admission control for multi-rate wireless networks with opportunistic scheduling and ARQ-based error control. , 0, , .		9
147	Optimal energy management for building microgrid with constrained renewable energy utilization. , 2014, , .		9
148	Resource allocation for uplink OFDMA C-RANs with limited computation and fronthaul capacity. , 2016, , .		9
149	Throughput analysis for coexisting IEEE 802.15.4 and 802.11 networks under unsaturated traffic. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	9
150	Integrated UAV Trajectory Control and Resource Allocation for UAV-Based Wireless Networks With Co-Channel Interference Management. IEEE Internet of Things Journal, 2022, 9, 12754-12769.	5.5	9
151	Multipath Multiplexing for Capacity Enhancement in SIMO Wireless Systems. IEEE Transactions on Wireless Communications, 2017, 16, 6895-6911.	6.1	8
152	Joint Prioritized Scheduling and Resource Allocation for OFDMA-Based Wireless Networks. IEEE Transactions on Wireless Communications, 2018, 17, 310-323.	6.1	8
153	Edge computing resource procurement: An online optimization approach. , 2018, , .		8
154	Space Distribution Method for Autonomous Vehicles at a Signalized Multi-Lane Intersection. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 5283-5294.	4.7	8
155	Resource Allocation for Cognitive Radios in Dynamic Spectrum Access Environment. , 2008, , .		7
156	Queue-Aware Subchannel and Power Allocation for Downlink OFDM-Based Cognitive Radio Networks. , 2009, , .		7
157	Simulation-based optimization for admission control of mobile cloudlets. , 2014, , .		7
158	Improving robustness of cyclostationary detectors to cyclic frequency mismatch using Slepian basis. , 2015, , .		7
159	Pilot Contamination Mitigation for Wideband Massive MMO: Number of Cells vs Multipath. , 2015, , .		7
160	Network economics approach to data offloading and resource partitioning in two-tier LTE HetNets. , 2015, , .		7
161	Two-phase concurrent sensing and transmission scheme for full duplex cognitive radio. , 2016, , .		7
162	Multi-channel MAC protocol for full-duplex cognitive radio networks with optimized access control and load balancing. , 2016, , .		7

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163	Pilot Contamination Mitigation for Wideband Massive MIMO Systems. IEEE Transactions on Communications, 2019, 67, 7889-7906.	4.9	7
164	Flight Scheduling and Trajectory Control in UAV-Based Wireless Networks. , 2020, , .		7
165	Distributed pareto-optimal power control in femtocell networks. , 2011, , .		6
166	Charging of electric vehicles utilizing random wind: A stochastic optimization approach. , 2012, , .		6
167	Load balancing and pricing for spectrum access control in cognitive radio networks. , 2014, , .		6
168	Joint pilot assignment and resource allocation in multicell massive MIMO network: Throughput and energy efficiency maximization. , 2015, , .		6
169	Robust Power Allocation in Cognitive Radio Networks With Uncertain Knowledge of Interference. IEEE Wireless Communications Letters, 2016, 5, 468-471.	3.2	6
170	Joint Resource Allocation and Content Caching in Virtualized Multi-Cell Wireless Networks. , 2017, , .		6
171	Trajectory Control and Resource Allocation for UAV-Based Networks with Wireless Backhubs. , 2021, , .		6
172	On the performance of spatial multiplexing MIMO cellular systems with adaptive modulation and scheduling. , 2004, , .		5
173	Control of wireless networks with flow level dynamics under constant time scheduling. Wireless Networks, 2010, 16, 1355-1372.	2.0	5
174	Dynamic Resource Allocation for Full-Duplex OFDMA Wireless Cellular Networks. , 2016, , .		5
175	Hybrid content caching for low end-to-end latency in cloud-based wireless networks. , 2017, , .		5
176	Adaptive Channel Prediction, Beamforming and Scheduling Design for 5G V2I Network. , 2017, , .		5
177	Adjacent channel interference cancellation for robust spectrum sharing in satellite communications systems. , 2017, , .		5
178	Cognitive Radio Based Resource Allocation for Sum Rate Maximization in Dual Satellite Systems. , 2017, , .		5
179	Two Time-Scale Content Caching and User Association in 5G Heterogeneous Networks. , 2017, , .		5
180	Autonomous routing algorithms for networks with wide-spread failures. , 2009, , .		4

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181	Scheduling in parallel queues with randomly varying connectivity and switchover delay. , 2011, , .		4
182	QoS provisioning for OFDMA-based wireless network infrastructure in smart grids. , 2011, , .		4
183	Delay-optimal fair scheduling and resource allocation in multiuser wireless relay networks. , 2012, , .		4
184	Fair channel allocation and access design for cognitive ad hoc networks. , 2012, , .		4
185	Joint Utility Maximization in Two-Tier Networks by Distributed Pareto-Optimal Power Control. , 2012, , .		4
186	Throughput Analysis and Design for Coexisting WLAN and ZigBee Network. , 2014, , .		4
187	SDR Implementation of Spectrum Sensing for Wideband Cognitive Radio. , 2015, , .		4
188	Joint prioritized link scheduling and resource allocation for OFDMA-based wireless networks. , 2016, , .		4
189	Optimal uplink and downlink channel assignment in a full-duplex multiuser system. , 2016, , .		4
190	Joint Wireless Access-Backhaul Network Slicing and Content Caching Optimization. , 2018, , .		4
191	A Cooperative Space Distribution Method for Autonomous Vehicles at A Lane-Drop Bottleneck on Multi-Lane Freeways. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3710-3723.	4.7	4
192	Delay statistics for selective repeat ARQ protocol in multi-rate wireless networks with non-instantaneous feedback. , 2005, , .		3
193	Admission control design for integrated WLAN and OFDMA-based cellular networks. , 2014, , .		3
194	Coordinated dispatch of renewable energy sources and HVAC load using stochastic programming. , 2014, , .		3
195	Sparse precoding design for cloud-RANs sum-rate maximization. , 2015, , .		3
196	Online ensemble learning for security assessment in PMU based power system. , 2016, , .		3
197	Uplink/Downlink Matching Based Resource Allocation for Full-Duplex OFDMA Wireless Cellular Networks. , 2017, , .		3
198	Joint CSI Estimation, Beamforming and Scheduling Design for Wideband Massive MIMO System. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
199	Hybrid Backscatter and Underlay Transmissions in RF-Powered Cognitive Radio Networks. , 2019, , .		3
200	Rates of inflammatory bowel disease in Hispanics comparable to non-Hispanic Whites: results of a cohort study. International Journal of Colorectal Disease, 2021, 36, 1043-1051.	1.0	3
201	Resource Allocation, Trajectory Optimization, and Admission Control in UAV-Based Wireless Networks. IEEE Networking Letters, 2021, 3, 129-132.	1.5	3
202	Cross-layer cognitive MAC design for multi-hop wireless ad-hoc networks with stochastic primary protection. , 2013, , .		2
203	Opportunistic spectrum sharing in Poisson femtocell networks. , 2014, , .		2
204	Cognitive spectrum access in femtocell networks exploiting nearest interferer information. , 2014, , .		2
205	Distributed MAC Protocol Design for Full-Duplex Cognitive Radio Networks. , 2014, , .		2
206	Relay Selection, Link Scheduling, and Rate Allocation in Dual-Hop Buffer-Aided Networks with Statistical Delay Constraints. , 2015, , .		2
207	Optimal joint base station association and beamforming design for downlink transmission. , 2015, , .		2
208	Resource allocation for multibeam MISO satellite systems: Sum rate versus proportional fair optimization. , 2016, , .		2
209	Resource Allocation for Efficient Bandwidth Provisioning in Virtualized Wireless Networks. , 2017, , .		2
210	Hierarchical control for electric vehicles in smart grid with renewables. , 2017, , .		2
211	Interference Cancellation, Channel Estimation, and Symbol Detection for Communications on Overlapping Channels. IEEE Access, 2020, 8, 89822-89838.	2.6	2
212	Delay statistics in multi-rate wireless networks with ARQ and weighted round-robin scheduling. , 0, , .		1
213	Queueing analysis of go-back-N ARQ protocol in multi-rate wireless networks with feedback delay. , 2005, , .		1
214	Effects of link-level queueing and truncated ARQ on TCP throughput in multi-rate wireless networks. , 2006, , .		1
215	Peer-to-Peer Traffic: From Measurements to Analysis. , 2008, , .		1
216	General analytical framework for cooperative sensing and access trade-off optimization. , 2013, , .		1

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217	Joint multiuser downlink beamforming and admission control in heterogeneous networks. , 2014, , .		1
218	HARQ and AMC: Friends or Foes?. , 2016, , .		1
219	Orthogonal Faster Than Nyquist Transmission for SIMO Wireless Systems. , 2016, , .		1
220	Wireless Networks and Resource Allocation. , 0, , 49-114.		1
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