Hailin Zhang

List of Publications by Year
in descending order

249	5,028	172457	133252
papers	citations	29	59
		h-index	g-index
249	249	249	3504
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Layer Based Opportunistic MAC Protocols for QoS Provisionings Over Cognitive Radio Wireless Networks. IEEE Journal on Selected Areas in Communications, 2008, 26, 118-129.	14.0	643
2	Quality-of-Service Driven Power and Rate Adaptation over Wireless Links. IEEE Transactions on Wireless Communications, 2007, 6, 3058-3068.	9.2	428
3	Clustering-Based Multichannel MAC Protocols for QoS Provisionings Over Vehicular *Ad Hoc* Networks. IEEE Transactions on Vehicular Technology, 2007, 56, 3309-3323.	6.3	271
4	Cross-layer resource allocation over wireless relay networks for quality of service provisioning. IEEE Journal on Selected Areas in Communications, 2007, 25, 645-656.	14.0	214
5	Information-centric network function virtualization over 5g mobile wireless networks. IEEE Network, 2015, 29, 68-74.	6.9	199
6	CREAM-MAC: Cognitive Radio-EnAbled Multi-Channel MAC Protocol Over Dynamic Spectrum Access Networks. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 110-123.	10.8	144
7	Cross-Layer-Model Based Adaptive Resource Allocation for Statistical QoS Guarantees in Mobile Wireless Networks. IEEE Transactions on Wireless Communications, 2008, 7, 2318-2328.	9.2	143
8	Hierarchical Caching for Statistical QoS Guaranteed Multimedia Transmissions over 5G Edge Computing Mobile Wireless Networks. IEEE Wireless Communications, 2018, 25, 12-20.	9.0	132
9	Cross-layer-based modeling for quality of service guarantees in mobile wireless networks. , 2006, 44, 100-106.		126
10	Battery-dynamics driven tdma mac protocols for wireless body-area monitoring networks in healthcare applications. IEEE Journal on Selected Areas in Communications, 2009, 27, 424-434.	14.0	125
11	Quality-of-service driven power and rate adaptation for multichannel communications over wireless links. IEEE Transactions on Wireless Communications, 2007, 6, 4349-4360.	9.2	118
12	Cross-layer modeling for quality of service guarantees over wireless links. IEEE Transactions on Wireless Communications, 2007, 6, 4504-4512.	9.2	93
13	Optimal Node Selection for Target Localization in Wireless Camera Sensor Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 3562-3576.	6.3	81
14	Statistical-QoS Driven Energy-Efficiency Optimization Over Green 5G Mobile Wireless Networks. IEEE Journal on Selected Areas in Communications, 2016, , 1-1.	14.0	80
15	Statistical QoS provisionings for wireless unicast/multicast of multi-layer video streams. IEEE Journal on Selected Areas in Communications, 2010, 28, 420-433.	14.0	79
16	Power-Delay Tradeoff over Wireless Networks. IEEE Transactions on Communications, 2013, 61, 3673-3684.	7.8	79
17	Full-Duplex Spectrum-Sensing and MAC-Protocol for Multichannel Nontime-Slotted Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 820-831.	14.0	78
18	Opportunistic MAC Protocols for Cognitive Radio Based Wireless Networks. , 2007, , .		56

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19	Optimal dynamic power control for full-duplex bidirectional-channel based wireless networks. , 2013, , .		55
20	CREAM-MAC: An efficient Cognitive Radio-enAbled Multi-Channel MAC protocol for wireless networks. , 2008, , .		50
21	Adaptive Control and Reconfiguration of Mobile Wireless Sensor Networks for Dynamic Multi-Target Tracking. IEEE Transactions on Automatic Control, 2011, 56, 2429-2444.	5.7	50
22	Modeling throughput gain of network coding in multi-channel multi-radio wireless ad hoc networks. IEEE Journal on Selected Areas in Communications, 2009, 27, 593-605.	14.0	48
23	Full/half duplex based resource allocations for statistical quality of service provisioning in wireless relay networks. , 2012, , .		44
24	Transmit selection diversity with maximal-ratio combining for multicarrier DS-CDMA wireless networks over Nakagami-m fading channels. IEEE Journal on Selected Areas in Communications, 2006, 24, 104-112.	14.0	43
25	Heterogeneous Statistical QoS Provisioning Over Airborne Mobile Wireless Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2139-2152.	14.0	43
26	QoS-Aware Base-Station Selections for Distributed MIMO Links in Broadband Wireless Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 1123-1138.	14.0	42
27	Opportunistic Spectrum Sharing Schemes for CDMA-Based Uplink MAC in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 716-730.	14.0	41
28	Optimal Power Allocations for Non-Orthogonal Multiple Access Over 5G Full/Half-Duplex Relaying Mobile Wireless Networks. IEEE Transactions on Wireless Communications, 2019, 18, 77-92.	9.2	39
29	Advances in cooperative wireless networking: Part II. IEEE Communications Magazine, 2012, 50, 66-67.	6.1	38
30	Optimal power allocation for full-duplex D2D communications over wireless cellular networks. , 2014, , .		36
31	Percolation Theory-Based Exposure-Path Prevention for Wireless Sensor Networks Coverage in Internet of Things. IEEE Sensors Journal, 2013, 13, 3625-3636.	4.7	35
32	Resource Allocation for Wireless Power Transmission Over Full-Duplex OFDMA/NOMA Mobile Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 327-344.	14.0	35
33	Generalized pairwise complementary codes with set-wise uniform interference-free windows. IEEE Journal on Selected Areas in Communications, 2006, 24, 65-74.	14.0	34
34	Joint Spectrum and Power Efficiencies Optimization for Statistical QoS Provisionings Over SISO/MIMO Wireless Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 903-915.	14.0	33
35	Information-Centric Virtualization for Software-Defined Statistical QoS Provisioning Over 5G Multimedia Big Data Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1721-1738.	14.0	32
36	Cognitive Radio Based Multi-Channel MAC Protocols for Wireless Ad Hoc Networks. , 2007, , .		31

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37	Energy-Efficient Distributed Spectrum Sensing for Wireless Cognitive Radio Networks. , 2010, , .		31
38	Heterogeneous statistical QoS provisioning for downlink transmissions over mobile wireless cellular networks. , 2014, , .		31
39	Statistical Delay and Error-Rate Bounded QoS Provisioning Over mmWave Cell-Free M-MIMO and FBC-HARQ-IR Based 6G Wireless Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 1661-1677.	14.0	29
40	Fog Based Computation Offloading for Swarm of Drones. , 2019, , .		27
41	Statistical Delay and Error-Rate Bounded QoS Provisioning for mURLLC Over 6G CF M-MIMO Mobile Networks in the Finite Blocklength Regime. IEEE Journal on Selected Areas in Communications, 2021, 39, 652-667.	14.0	25
42	Localization-Oriented Coverage in Wireless Camera Sensor Networks. IEEE Transactions on Wireless Communications, 2011, 10, 484-494.	9.2	23
43	Heterogeneous statistical QoS provisioning over 5G wireless full-duplex networks. , 2015, , .		23
44	Heterogeneous QoS-Driven Resource Adaptation over Full-Duplex Relay Networks. , 2016, , .		23
45	Scalable Virtualization and Offloading-Based Software-Defined Architecture for Heterogeneous Statistical QoS Provisioning Over 5G Multimedia Mobile Wireless Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2787-2804.	14.0	21
46	AoI-Driven Statistical Delay and Error-Rate Bounded QoS Provisioning for mURLLC Over UAV-Multimedia 6G Mobile Networks Using FBC. IEEE Journal on Selected Areas in Communications, 2021, 39, 3425-3443.	14.0	21
47	Physarum optimization: A biology-inspired algorithm for minimal exposure path problem in wireless sensor networks. , 2012, , .		20
48	Full duplex spectrum sensing in non-time-slotted cognitive radio networks. , 2011, , .		18
49	Minimal exposure path algorithms for directional sensor networks. Wireless Communications and Mobile Computing, 2014, 14, 979-994.	1.2	18
50	Collaborative Hierarchical Caching over 5G Edge Computing Mobile Wireless Networks. , 2018, , .		18
51	TDMA and FDMA Based Resource Allocations for Quality of Service Provisioning Over Wireless Relay Networks. , 2007, , .		17
52	On-Demand based wireless resources trading for Green Communications. , 2011, , .		17
53	QoS driven power allocation over full-duplex wireless links. , 2012, , .		17
54	Optimal trade-off between power saving and QoS provisioning for multicell cooperation networks. IEEE Wireless Communications, 2013, 20, 90-96.	9.0	17

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55	Energy-efficient relay selection for QoS provisioning in MIMO-based underwater acoustic cooperative wireless sensor networks. , 2013, , .		17
56	D2D Offloading for Statistical QoS Provisionings Over 5G Multimedia Mobile Wireless Networks. , 2019, , .		16
57	Game-Theory Based Power and Spectrum Virtualization for Optimizing Spectrum Efficiency in Mobile Cloud-Computing Wireless Networks. IEEE Transactions on Cloud Computing, 2019, 7, 1025-1038.	4.4	16
58	Markov-Chain Modeling for Multicast Signaling Delay Analysis. IEEE/ACM Transactions on Networking, 2004, 12, 667-680.	3.8	15
59	Energy-Efficient Clustering System Model and Reconfiguration Schemes for Wireless Sensor Networks. , 2006, , .		15
60	Distributed mobile devices caching over edge computing wireless networks. , 2017, , .		15
61	Optimal Transmission Range for Cluster-Based Wireless Sensor Networks With Mixed Communication Modes. , 0, , .		14
62	Heterogeneous Statistical-QoS Driven Resource Allocation Over mmWave Massive-MIMO Based 5G Mobile Wireless Networks in the Non-Asymptotic Regime. IEEE Journal on Selected Areas in Communications, 2019, 37, 2727-2743.	14.0	14
63	Statistical QoS-Driven Resource Allocation over FD-SS Cooperative Cognitive Radio Networks. , 2016, , .		13
64	Delay analysis of feedback-synchronization signaling for multicast flow control. IEEE/ACM Transactions on Networking, 2003, 11, 436-450.	3.8	12
65	A binary-classification-tree based framework for distributed target classification in multimedia sensor networks. , 2012, , .		12
66	Information-centric network virtualization for QoS provisioning over software defined wireless networks. , 2016, , .		12
67	Quality of video oriented pricing incentive for mobile video offloading. , 2016, , .		12
68	Heterogeneous QoS-Driven Resource Allocation over MIMO-OFDMA Based 5G Cognitive Radio Networks. , 2017, , .		12
69	Joint heterogeneous statistical-QoS/QoE provisionings for edge-computing based WiFi offloading over 5G mobile wireless networks. , 2018, , .		12
70	Optimal Resource Allocations for Statistical QoS Provisioning to Support mURLLC Over FBC-EH-Based 6G THz Wireless Nano-Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 1544-1560.	14.0	12
71	Joint Link Scheduling and Routing for Directional-Antenna Based 60 GHz Wireless Mesh Networks. , 2009, , .		11
72	Sensor Self-Organization for Mobile Multi-Target Tracking in Decentralized Wireless Sensor Networks. , 2010, , .		11

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73	Two-Tier Optimal-Cooperation Based Secure Distributed Spectrum Sensing for Wireless Cognitive Radio Networks. , 2010, , .		11
74	Resource Allocation and Admission Control for an Energy Harvesting Cooperative OFDMA Network. IEEE Transactions on Vehicular Technology, 2018, 67, 4071-4086.	6.3	11
75	Vbargain: A Market-Driven Quality Oriented Incentive for Mobile Video Offloading. IEEE Transactions on Mobile Computing, 2019, 18, 2203-2216.	5.8	11
76	Cooperative MIMO-OFDM-Based Exposure-Path Prevention Over 3D Clustered Wireless Camera Sensor Networks. IEEE Transactions on Wireless Communications, 2020, 19, 4-18.	9.2	11
77	WSN12-6: Cluster-Based DSRC Architecture for QoS Provisioning over Vehicle Ad Hoc Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	10
78	BER and SER analyses for M-ary modulation schemes under symmetric alpha-stable noise. , 2014, , .		10
79	Optimizing Joint Data and Power Transfer in Energy Harvesting Multiuser Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10989-11000.	6.3	10
80	Statistical Delay and Error-Rate Bounded QoS Provisioning for SWIPT Over CF M-MIMO 6G Mobile Wireless Networks Using FBC. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1272-1287.	10.8	10
81	Cross-Layer Design Based Rate Control for Mobile Multicast in Cellular Networks. , 2007, , .		9
82	Design and analysis of a multi-channel cognitive MAC protocol for dynamic access spectrum networks. , 2008, , .		9
83	Minimal Exposure Path Algorithms for Directional Sensor Networks. , 2009, , .		9
84	Mobile Multi-Target Tracking in two-tier hierarchical Wireless Sensor Networks. , 2009, , .		9
85	Heterogeneous Statistical QoS Provisioning for Full-Duplex D2D Communications over 5G Wireless Networks. , 2015, , .		9
86	Joint Bandwidth and Power Allocation for Energy Efficiency Optimization over Heterogeneous LTE/WiFi Multi-Homing Networks. , 2017, , .		9
87	Statistical QoS provisioning over D2D-offloading based 5G multimedia big-data mobile wireless networks. , 2018, , .		9
88	Optimal density estimation for exposure-path prevention in wireless sensor networks using percolation theory. , 2012, , .		8
89	Adaptive Power Control for Maximizing Channel Capacity over Full-Duplex D2D Q-OFDMA Ad Hoc Networks. , 2015, , .		8
90	Bayesian-game based power and spectrum virtualization for maximizing spectrum efficiency over mobile cloud-computing wireless networks. , 2015, , .		8

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91	Statistical QoS-Driven Cooperative Power Allocation Game over Wireless Cognitive Radio Networks. , 2017, , .		8
92	Pilot-based full-duplex spectrum-sensing and multichannel-MAC over non-time-slotted cognitive radio networks. , 2017, , .		8
93	Error probability analysis of TAS/MRC-based scheme for wireless networks. , 0, , .		7
94	Adaptive low-complexity erasure-correcting code-based protocols for QoS-driven mobile multicast services. , 2005, , .		7
95	Robust Time-Domain Fine Symbol Synchronization for OFDM-Based Packet Transmission Using CAZAC Preamble. , 2013, , .		7
96	Spectrum efficiency maximization using primal-dual adaptive algorithm for distributed mobile devices caching over edge computing networks. , 2017, , .		7
97	Adaptive uplink MAC for CDMA-based cognitive radio networks. , 2009, , .		6
98	A cross-layer framework for multi-layer-video multicast with QoS requirements in multirate wireless networks. IEEE Communications Letters, 2009, 13, 658-660.	4.1	6
99	Opportunistic Energy-Aware Channel Sensing Schemes for Dynamic Spectrum Access Networks. , 2010, , .		6
100	Base-station selections for qos provisioning over distributed multi-user MIMO links in wireless networks. , 2011, , .		6
101	Maximizing effective capacity over wireless links under average and peak power constraints. , 2012, , .		6
102	P2P Caching Schemes for Jointly Minimizing Memory Cost and Transmission Delay over Information-Centric Networks. , 2016, , .		6
103	Statistical QoS-Driven Power Adaptation over Q-OFDMA-Based Full-Duplex D2D 5G Mobile Wireless Networks. , 2017, , .		6
104	Analyses for Age of Information Supporting URLLC Over Multimedia Wireless Networks. , 2020, , .		6
105	Secure Resource Allocation for Polarization-Based Non-Linear Energy Harvesting Over 5G Cooperative Cognitive Radio Networks. , 2020, , .		6
106	Age-of-Information for mURLLC Over 6G Multimedia Wireless Networks. , 2021, , .		6
107	QoS-driven asynchronous uplink subchannel allocation algorithms for space-time OFDM-CDMA systems in wireless networks. Wireless Networks, 2006, 12, 411-425.	3.0	5
108	On Transmit-Diversity Based Multicast in Mobile Wireless Networks. , 2006, , .		5

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109	Modeling Virus and Antivirus Spreading Over Hybrid Wireless Ad Hoc and Wired Networks. , 2007, , .		5
110	Effective Capacity Optimization with Layered Transmission for Multicast in Wireless Networks. , 2008, , .		5
111	Battery-Aware TDMA Scheduling Schemes for Wireless Sensor Networks. , 2008, , .		5
112	Time-domain preamble-based SNR estimation for OFDM systems in doubly selective channels. , 2012, , .		5
113	Heterogeneous Statistical QoS-Driven Resource Allocation for D2D Cluster-Caching Based 5G Multimedia Mobile Wireless Networks. , 2018, , .		5
114	Bayesian Learning for BPSO-Based Pilot Pattern Design Over Sparse OFDM Channels. , 2020, , .		5
115	Statistical Delay and Error-Rate Bounded QoS Provisioning for 6G mURLLC Over AoI-Driven and UAV-Enabled Wireless Networks. , 2021, , .		5
116	NOMA and User-Centric Based Cell-Free Massive MIMO Over 6G Big-Data Mobile Wireless Networks. , 2020, , .		5
117	Subchannel-allocation algorithms and performance analysis for space-time OFDM-CDMA based systems in wireless networks. , 0, , .		4
118	Quality-of-Service Driven Power and Rate Control in Mobile Wireless Networks. , 2006, , .		4
119	QoS-Driven Adaptive Power and Rate Allocation for Multichannel Communications in Mobile Wireless Networks. , 2006, , .		4
120	Adaptive Multicast with Power and Rate Control Over Fading Channels in Mobile Wireless Networks. , 2007, , .		4
121	Network Lifetime Optimization for Heterogeneous Sensor Networks With Mixed Communication Modes. , 2007, , .		4
122	Localization-oriented coverage based on Bayesian estimation in camera sensor networks. , 2008, , .		4
123	Bond-Percolation Based Optimal Density for Exposure-Path Prevention in Wireless Sensor Networks. , 2008, , .		4
124	Dynamic node collaboration for Mobile Multi-Target Tracking in two-tier Wireless Camera Sensor Networks. , 2009, , .		4
125	An Automated Signature Generation Approach for Polymorphic Worm Based on Color Coding. , 2009, , .		4
126	Power-Efficient Periodic Spectrum Sensing for Cognitive MAC in Dynamic Spectrum Access Networks. , 2010, , .		4

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127	An Adaptive Probability Broadcast-Based Data Preservation Protocol in Wireless Sensor Networks. , 2011, , .		4
128	HMRF-based distributed fault detection for wireless sensor networks. , 2012, , .		4
129	Energy-efficient relay selection for QoS provisioning in MIMO-based underwater acoustic cooperative wireless sensor networks. , 2013, , .		4
130	Joint optimization for energy consumption and secrecy capacity in wireless cooperative networks. , 2013, , .		4
131	Quantum key distribution for security guarantees over quantum-repeater-based QoS-driven 3D satellite networks. , 2014, , .		4
132	Game-theory based power and spectrum virtualization for maximizing spectrum efficiency over mobile cloud-computing wireless networks. , 2015, , .		4
133	Decentralized Heterogeneous Statistical QoS Provisioning for Uplinks over 5G Wireless Networks. , 2016, , .		4
134	Statistical QoS-driven power allocation for WiFi offloading over heterogeneous wireless networks. , 2017, , .		4
135	Statistical QoS Provisioning Over Cell-Free M-MIMO-NOMA Based 5G+ Mobile Wireless Networks in the Non-Asymptotic Regime. , 2020, , .		4
136	DDL-Based Sparse Channel Representation and Estimation for Downlink FDD Massive MIMO Systems. , 2020, , .		4
137	Sequential Hypothesis Criterion Based Optimal Caching Schemes Over Mobile Wireless Networks. , 2020, , .		4
138	Joint Optimization for Traffic-Offloading and Resource-Allocation Over RF-Powered Backscatter Mobile Wireless Networks. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1127-1142.	10.8	4
139	Relay Selection Strategies for Distributed Space-Time Cooperative Systems Over Wireless Ad-Hoc Networks. Computer Communications and Networks (IC3N), Proceedings of the IEEE International Conference on, 2006, , .	0.0	3
140	Optimal camera selection for target localization in camera sensor networks. , 2008, , .		3
141	QoS-Driven Power-Allocation Game over Fading Multiple-Access Channels. , 2009, , .		3
142	Target coverage algorithms with multiple sensing ranges in wireless sensor networks. , 2010, , .		3
143	Network-Coding-Based Relay MAC Protocols for Drive-Thru Internet Services in Vehicular Networks. , 2010, , .		3
144	Advances in cooperative wireless networking: Part I [Guest Editorial]. , 2011, 49, 54-55.		3

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145	A False Data Filtering Scheme Using Cluster-Based Organization in Sensor Networks. , 2011, , .		3
146	Coarse symbol timing for OFDM systems by ranking preamble cross-correlations. , 2013, , .		3
147	Adaptive RTT-driven transport-layer flow and error control protocol for QoS guaranteed image transmission over multi-hop underwater wireless networks: Design, implementation, and analysis. , 2014, , .		3
148	Heterogeneous Statistical QoS Provisioning for Full-Duplex D2D Communications over 5G Wireless Networks. , 2014, , .		3
149	Effective-Capacity Based Gaming for Optimal Power and Spectrum Allocations over Big-Data Virtual Wireless Networks. , 2015, , .		3
150	Efficient quantum-error correction for QoS provisioning over QKD-based satellite networks. , 2015, , .		3
151	Compressive spectrum sensing for MIMO-OFDM based Cognitive Radio networks. , 2015, , .		3
152	Optimal energy efficient scheme for MIMO-based cognitive radio networks with antenna selection. , 2015, , .		3
153	Fair coding for inter€session network coding in wireless mesh networks. Wireless Communications and Mobile Computing, 2016, 16, 1922-1942.	1.2	3
154	Statistical QoS-driven power adaptation for distributed caching based mobile offloading over 5G wireless networks. , 2017, , .		3
155	Secure resource allocations for polarization-enabled cooperative cognitive radio networks with energy harvesting capability. , 2017, , .		3
156	Statistical quality of service provisioning over edge computing mobile wireless networks. , 2017, , .		3
157	Hierarchical-Caching Based Statistical QoS Provisioning Over 5G Multimedia Big-Data Mobile Wireless Networks. , 2018, , .		3
158	A Novel 3D Multi-Confocal Ellipsoid Simulation Model for 5G Massive MIMO Mobile Wireless Networks. , 2018, , .		3
159	Joint WiFi Offloading and Resource Allocation for RF-Powered Wireless Networks Assisted by Ambient Backscatter. , 2018, , .		3
160	Statistical Delay-Bounded QoS Provisioning Over 5G Multimedia Mobile Wireless Networks in the Finite Blocklength Regime. , 2019, , .		3
161	Power Allocation for Self-Coded Distributed Space-Time Codes in FD Two-Way Relaying Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 12013-12024.	6.3	3
162	An Efficient Symbol Timing Scheme for OFDM Systems Using Optimal Correlation-Based Circular-Shifted Preamble. IEEE Wireless Communications Letters, 2024, , 1-1.	5.0	3

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163	NOMA-Based Statistical QoS Provisioning for Wireless Ad-Hoc Networks with Finite Blocklength. , 2019, , .		3
164	Statistical Delay/Error-Rate Bounded QoS Provisioning Across Clustered MmWave-Channels Over Cell-Free Massive MIMO Based 5G Mobile Wireless Networks in the Finite Blocklength Regime. , 2020, , .		3
165	Link-adaptation-enhanced dynamic channel allocation for MIMO-OFDM wireless networks. , 0, , .		2
166	Adaptive Power and Rate Allocation for Mobile Multicast Throughput Optimization Over Fading Channels in Wireless Networks. Computer Communications and Networks (IC3N), Proceedings of the IEEE International Conference on, 2006, , .	0.0	2
167	Power-Efficiency Data Gathering Schemes for Wireless Sensor Networks. Computer Communications and Networks (IC3N), Proceedings of the IEEE International Conference on, 2006, , .	0.0	2
168	Cross-Layer Resource-Consumption Optimization for Mobile Multicast in Wireless Networks. , 0, , .		2
169	Space-time diversity-enhanced QoS provisioning for real-time service over MC-DS-CDMA based wireless networks. Wireless Communications and Mobile Computing, 2008, 8, 733-744.	1.2	2
170	Characterizing the throughput gain of network coding in wireless ad hoc networks. , 2008, , .		2
171	Collaborative Target Localization in Camera Sensor Networks. , 2008, , .		2
172	On Rate Adaptation for Video Multicast with Layered Coding over Multirate Wireless Networks. , 2008, , .		2
173	ARROW-TCP: Accelerating Transmission toward Efficiency and Fairness for High-Speed Networks. , 2009, , .		2
174	Secondary User Friendly TDMA Scheduling for Primary Users in Cognitive Radio Networks. , 2009, , .		2
175	A novel multi-objective relay-jammer pair selection scheme in wireless cooperative networks. , 2012, , .		2
176	Joint spectrum and power efficiencies optimization for statistical QoS provisionings in wireless networks. , 2012, , .		2
177	Coarse frame synchronization for OFDM systems using SNR estimation. , 2012, , .		2
178	A novel security-oriented cooperative scheme for wireless relay networks in presence of eavesdroppers. , 2012, , .		2
179	Soft frequency reuse for intercell interference mitigation in two-tier underwater multicell OFDM wireless networks. , 2015, , .		2
180	Game-Theory Based Buffer-Space and Transmission-Rate Allocations for Optimal Energy-Efficiency over Wireless Virtual Networks. , 2015, , .		2

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181	Distributed Optimal Green Power Allocation for D2D Based Cellular Networks with Long-Term QoS Constraint. , 2016, , .		2
182	Statistical QoS-driven power adaptation for distributed caching based mobile offloading over 5G wireless networks. , 2018, , .		2
183	Neyman-Pearson Criterion Based Optimal Hierarchical Caching over D2D Wireless Ad-Hoc Networks. , 2019, , .		2
184	HiCa: Hierarchical Cache Partitioning for Low-Tail-Latency QoS Over Emergent-Security Enabled Multicore Data Centers Networks. , 2020, , .		2
185	AoI-Driven Statistical Delay and Error-Rate Bounded QoS Provisioning for URLLC in the Finite Blocklength Regime. , 2021, , .		2
186	AoI-Driven Statistical Delay and Error-Rate Bounded QoS Provisioning for URLLC Over Wireless Networks in the Finite Blocklength Regime. , 2021, , .		2
187	Joint Resource Allocation Optimization Over Energy Harvesting Based 6G THz-Band Big-Data-Driven Nano-Networks. , 2020, , .		2
188	Massive-MIMO Channel Capacity Modeling for mURLLC Over 6G UAV Mobile Wireless Networks. , 2022, , .		2
189	Multiple-Access Based UAV Communications and Trajectory Tracking Over 6G Mobile Wireless Networks. , 2022, , .		2
190	QoS-driven asynchronous uplink subchannel allocation algorithms for space-time OFDM-CDMA systems in wireless networks. , 0, , .		1
191	Space-time diversity-enhanced qos provisioning for real-time service over MC-DS-CDMA based wireless networks. , 0, , .		1
192	Space-Time Diversity versus Feedback-Based Channel Adaptation in Cross-Layer Design of Wireless Networks. , 0, , .		1
193	QoS-Driven Power and Rate Adaptation for Multicarrier Communications Over Mobile Wireless Networks. , 2006, , .		1
194	Second-Order Rate-Control Based Transport Protocols Over Mobile Wireless Networks. , 2007, , .		1
195	Power-delay tradeoff over wireless networks. , 2008, , .		1
196	Game-theoretic approach for QoS-aware resource competition in wireless networks. , 2009, , .		1
197	A Cross-Layer ECN to Achieve Fairness Among TCP Flows in Wireless Mesh Networks. , 2009, , .		1
198	Performance Analysis for End-to-End Channel System with Lossy Communication of Multi-Hop Wireless Networks. , 2011, , .		1

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199	Picocell-density based energy-saving for QoS provisioning in heterogeneous networks. , 2013, , .		1
200	A novel preamble-based robust coarse symbol timing estimators for OFDM systems. , 2013, , .		1
201	An efficient method for collaborative compressive spectrum sensing in cognitive radio networks. , 2014, , .		1
202	Mobile relay deployment based on Markov chains in WiMAX networks. , 2014, , .		1
203	Statistical-QoS based gaming for optimal power allocations over virtualized wireless relay networks supporting multimedia services. , 2015, , .		1
204	Exact recoverability analysis for joint sparse optimization with missing measurements. , 2015, , .		1
205	Code pruning in opportunistic routing through bidirectional coding traffic comparison. Wireless Communications and Mobile Computing, 2016, 16, 279-299.	1.2	1
206	Negotiation-Based Gaming for Statistical QoS Guarantee over Information-Centric Wireless Networks. , 2016, , .		1
207	Non-Asymptotic Performance for Finite Blocklength Coding Over Nakagami-m Channels. , 2019, , .		1
208	Q-Learning Based Energy Harvesting for Heterogeneous Statistical QoS Provisioning over Multihop Big-Data Relay Networks. , 2019, , .		1
209	Minimum-Energy and Error-Rate for URLLC Networks over Nakagami-m Channels: A Finite-Blocklength Analysis. , 2019, , .		1
210	mmWave-MIMO Based 5G Wireless Ad-Hoc Networks in the Finite Blocklength Regime. , 2019, , .		1
211	Performance Analysis for OFDM Smart-Grid Networks Under AWSÎ±SN with Imperfect Synchronization. , 2020, , .		1
212	Statistical QoS Aware for Wireless Powered Cooperative Communications in Internet of Things. IEEE Access, 2020, 8, 165884-165893.	4.2	1
213	Statistical Bounded Age-Of-Information for mURLLC Over 6G Multimedia Wireless Networks. , 2021, , .		1
214	Optimal Resource Allocation for Statistical QoS Provisioning in Supporting mURLLC Over FBC-Driven 6G Terahertz Wireless Nano-Networks. , 2021, , .		1
215	Statistical Tail-Latency Bounded QoS Provisioning for Parallel and Distributed Data Centers. , 2021, , .		1
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