

# Hailin Zhang

## List of Publications by Year in descending order

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249  
papers

5,028  
citations

172457

29  
h-index

133252

59  
g-index

249  
all docs

249  
docs citations

249  
times ranked

3504  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Secure Resource Allocations for Polarization-Enabled Multiple-Access Cooperative Cognitive Radio Networks With Energy Harvesting Capability. IEEE Transactions on Wireless Communications, 2023, 22, 4990-5004.	9.2	1
3	Massive-MIMO Channel Capacity Modeling for mURLLC Over 6G UAV Mobile Wireless Networks. , 2022, , .		2
4	Statistical Delay and Error-Rate Bounded QoS Control for mURLLC Over 6G Multimedia Mobile Wireless Networks in the Non-Asymptotic Regime. , 2022, , .		1
5	Multiple-Access Based UAV Communications and Trajectory Tracking Over 6G Mobile Wireless Networks. , 2022, , .		2
6	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
7	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
8	Statistical Bounded Age-Of-Information for mURLLC Over 6G Multimedia Wireless Networks. , 2021, , .		1
9	Age-of-Information for mURLLC Over 6G Multimedia Wireless Networks. , 2021, , .		6
10	Statistical Delay and Error-Rate Bounded QoS Provisioning for SWIPT Over CF M-MIMO Based IoT Networks Using FBC. , 2021, , .		0
11	Aol-Driven Statistical Delay and Error-Rate Bounded QoS Provisioning for URLLC in the Finite Blocklength Regime. , 2021, , .		2
12	Statistical Delay and Error-Rate Bounded QoS Provisioning for 6G mURLLC Over Aol-Driven and UAV-Enabled Wireless Networks. , 2021, , .		5
13	Optimal Resource Allocation for Statistical QoS Provisioning in Supporting mURLLC Over FBC-Driven 6G Terahertz Wireless Nano-Networks. , 2021, , .		1
14	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
15	Aol-Driven Statistical Delay and Error-Rate Bounded QoS Provisioning for URLLC Over Wireless Networks in the Finite Blocklength Regime. , 2021, , .		2
16	Aol-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
17	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
18	Statistical Tail-Latency Bounded QoS Provisioning for Parallel and Distributed Data Centers. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Statistical Delay and Error-Rate Bounded QoS for SWIPT Over CF M-MIMO 6G Mobile Networks Using FBC. , 2021, , .		1
20	Joint Optimization for Traffic-Offloading and Resource-Allocation in RF-Powered Backscatter Mobile Networks. , 2021, , .		0
21	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
22	Bayesian Learning for BPSO-Based Pilot Pattern Design Over Sparse OFDM Channels. , 2020, , .		5
23	Performance Analysis for OFDM Smart-Grid Networks Under AWS $\pm$ SN with Imperfect Synchronization. , 2020, , .		1
24	Analyses for Age of Information Supporting URLLC Over Multimedia Wireless Networks. , 2020, , .		6
25	Statistical QoS Provisioning Over Cell-Free M-MIMO-NOMA Based 5G+ Mobile Wireless Networks in the Non-Asymptotic Regime. , 2020, , .		4
26	Secure Resource Allocation for Polarization-Based Non-Linear Energy Harvesting Over 5G Cooperative Cognitive Radio Networks. , 2020, , .		6
27	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
28	Statistical QoS Aware for Wireless Powered Cooperative Communications in Internet of Things. IEEE Access, 2020, 8, 165884-165893.	4.2	1
29	DDL-Based Sparse Channel Representation and Estimation for Downlink FDD Massive MIMO Systems. , 2020, , .		4
30	Sequential Hypothesis Criterion Based Optimal Caching Schemes Over Mobile Wireless Networks. , 2020, , .		4
31	HiCa: Hierarchical Cache Partitioning for Low-Tail-Latency QoS Over Emergent-Security Enabled Multicore Data Centers Networks. , 2020, , .		2
32	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
33	Belief Propagation Pattern-Coupled Sparse Bayesian Learning for Non-Stationary Uplink Channel Estimation Over Massive-MIMO Based 5G Mobile Wireless Networks. , 2020, , .		0
34	NOMA and User-Centric Based Cell-Free Massive MIMO Over 6G Big-Data Mobile Wireless Networks. , 2020, , .		5
35	Statistical QoS Provisioning Based Caching Placement for D2D Communications Based Emergency Networks. , 2020, , .		1
36	Multi-Laser based Cooperative Scanning for AUV Acquisition Over UWOC Networks. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Age of Information Based Statistical Delay-Bounded QoS Provisioning Over Multimedia Mobile Wireless Networks. , 2020, , .		1
38	Super-Resolution Block-Sparse Channel Estimation Over Uplink M-MIMO 5G Mobile Wireless Networks. , 2020, , .		1
39	Interference Modeling and Mutual Information Maximization Over 6G THz Wireless Ad-Hoc Nano-Networks. , 2020, , .		0
40	Joint Resource Allocation Optimization Over Energy Harvesting Based 6G THz-Band Big-Data-Driven Nano-Networks. , 2020, , .		2
41	Vbargain: A Market-Driven Quality Oriented Incentive for Mobile Video Offloading. IEEE Transactions on Mobile Computing, 2019, 18, 2203-2216.	5.8	11
42	Full-Duplex and C-RAN Based Multi-Cell Non-Orthogonal Multiple Access Over 5G Wireless Networks. , 2019, , .		0
43	Fog Based Computation Offloading for Swarm of Drones. , 2019, , .		27
44	Statistical QoS Provisioning for Energy Harvesting Based 5G Mobile Wireless Networks using Finite Blocklength Coding. , 2019, , .		0
45	Statistical Delay-Bounded QoS Provisioning Over 5G Multimedia Mobile Wireless Networks in the Finite Blocklength Regime. , 2019, , .		3
46	Non-Asymptotic Performance for Finite Blocklength Coding Over Nakagami-m Channels. , 2019, , .		1
47	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
48	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
49	Q-Learning Based Energy Harvesting for Heterogeneous Statistical QoS Provisioning over Multihop Big-Data Relay Networks. , 2019, , .		1
50	D2D Offloading for Statistical QoS Provisionings Over 5G Multimedia Mobile Wireless Networks. , 2019, , .		16
51	Minimum-Energy and Error-Rate for URLLC Networks over Nakagami-m Channels: A Finite-Blocklength Analysis. , 2019, , .		1
52	Reinforcement Learning Based QoS-Provisioning over Energy-Harvesting 5G Wireless Ad-Hoc Networks. , 2019, , .		0
53	Optimal QoS-Driven Power Allocation for Energy Harvesting Wireless Ad-Hoc Networks Using FBC. , 2019, , .		0
54	NOMA-Based Statistical QoS Provisioning for Wireless Ad-Hoc Networks with Finite Blocklength. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
55	mmWave-MIMO Based 5G Wireless Ad-Hoc Networks in the Finite Blocklength Regime. , 2019, , .		1
56	Neyman-Pearson Criterion Based Optimal Hierarchical Caching over D2D Wireless Ad-Hoc Networks. , 2019, , .		2
57	Scaling Law Based D2D Wireless Ad-Hoc Networks in the Finite Blocklength Regime. , 2019, , .		0
58	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
59	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
60	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
61	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
62	Resource Allocation and Admission Control for an Energy Harvesting Cooperative OFDMA Network. IEEE Transactions on Vehicular Technology, 2018, 67, 4071-4086.	6.3	11
63	Hierarchical-Caching Based Statistical QoS Provisioning Over 5G Multimedia Big-Data Mobile Wireless Networks. , 2018, , .		3
64	A Novel 3D Multi-Confocal Ellipsoid Simulation Model for 5G Massive MIMO Mobile Wireless Networks. , 2018, , .		3
65	Resource Allocation for Wireless Power Transmission Enabled Full-Duplex OFDMA Mobile Wireless Networks. , 2018, , .		0
66	Joint WiFi Offloading and Resource Allocation for RF-Powered Wireless Networks Assisted by Ambient Backscatter. , 2018, , .		3
67	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
68	Joint heterogeneous statistical-QoS/QoE provisionings for edge-computing based WiFi offloading over 5G mobile wireless networks. , 2018, , .		12
69	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
70	Statistical QoS provisioning over D2D-offloading based 5G multimedia big-data mobile wireless networks. , 2018, , .		9
71	Statistical QoS-driven power adaptation for distributed caching based mobile offloading over 5G wireless networks. , 2018, , .		2
72	Heterogeneous Statistical QoS Provisioning Over Airborne Mobile Wireless Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2139-2152.	14.0	43

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73	Statistical QoS-Driven Power Allocation for Cooperative Caching over 5G Big Data Mobile Wireless Networks. , 2018, , .		0
74	Collaborative Hierarchical Caching over 5G Edge Computing Mobile Wireless Networks. , 2018, , .		18
75	Heterogeneous Statistical QoS-Driven Resource Allocation for D2D Cluster-Caching Based 5G Multimedia Mobile Wireless Networks. , 2018, , .		5
76	Statistical QoS-Driven Cooperative Power Allocation Game over Wireless Cognitive Radio Networks. , 2017, , .		8
77	Statistical QoS-Driven Power Adaptation over Q-OFDMA-Based Full-Duplex D2D 5G Mobile Wireless Networks. , 2017, , .		6
78	Joint Bandwidth and Power Allocation for Energy Efficiency Optimization over Heterogeneous LTE/WiFi Multi-Homing Networks. , 2017, , .		9
79	Statistical QoS-driven power allocation for WiFi offloading over heterogeneous wireless networks. , 2017, , .		4
80	Spectrum efficiency maximization using primal-dual adaptive algorithm for distributed mobile devices caching over edge computing networks. , 2017, , .		7
81	Heterogeneous QoS-Driven Resource Allocation over MIMO-OFDMA Based 5G Cognitive Radio Networks. , 2017, , .		12
82	Spectrum utility driven WiFi offloading over NOMA-based cellular network edges. , 2017, , .		0
83	Secure resource allocation and dynamic spectrum access for polarization-based green cooperative cognitive radio networks. , 2017, , .		0
84	Distributed mobile devices caching over edge computing wireless networks. , 2017, , .		15
85	Statistical QoS-driven power adaptation for distributed caching based mobile offloading over 5G wireless networks. , 2017, , .		3
86	Optimizing Joint Data and Power Transfer in Energy Harvesting Multiuser Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10989-11000.	6.3	10
87	Secure resource allocations for polarization-enabled cooperative cognitive radio networks with energy harvesting capability. , 2017, , .		3
88	Statistical quality of service provisioning over edge computing mobile wireless networks. , 2017, , .		3
89	Pilot-based full-duplex spectrum-sensing and multichannel-MAC over non-time-slotted cognitive radio networks. , 2017, , .		8
90	Code pruning in opportunistic routing through bidirectional coding traffic comparison. Wireless Communications and Mobile Computing, 2016, 16, 279-299.	1.2	1

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91	Fair coding for inter-session network coding in wireless mesh networks. <i>Wireless Communications and Mobile Computing</i> , 2016, 16, 1922-1942.	1.2	3
92	Negotiation-Based Gaming for Statistical QoS Guarantee over Information-Centric Wireless Networks. , 2016, , .		1
93	P2P Caching Schemes for Jointly Minimizing Memory Cost and Transmission Delay over Information-Centric Networks. , 2016, , .		6
94	Statistical QoS-Driven Resource Allocation over FD-SS Cooperative Cognitive Radio Networks. , 2016, , .		13
95	Distributed Optimal Green Power Allocation for D2D Based Cellular Networks with Long-Term QoS Constraint. , 2016, , .		2
96	Decentralized Heterogeneous Statistical QoS Provisioning for Uplinks over 5G Wireless Networks. , 2016, , .		4
97	Information-centric network virtualization for QoS provisioning over software defined wireless networks. , 2016, , .		12
98	Quality of video oriented pricing incentive for mobile video offloading. , 2016, , .		12
99	Statistical-QoS Driven Energy-Efficiency Optimization Over Green 5G Mobile Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2016, , 1-1.	14.0	80
100	Heterogeneous QoS-Driven Resource Adaptation over Full-Duplex Relay Networks. , 2016, , .		23
101	Adaptive Power Control for Maximizing Channel Capacity over Full-Duplex D2D Q-OFDMA Ad Hoc Networks. , 2015, , .		8
102	Effective-Capacity Based Gaming for Optimal Power and Spectrum Allocations over Big-Data Virtual Wireless Networks. , 2015, , .		3
103	Transmit Antenna and Relay Selections for Underwater MIMO-OFDM Cooperative Wireless Networks. , 2015, , .		0
104	Soft frequency reuse for intercell interference mitigation in two-tier underwater multicell OFDM wireless networks. , 2015, , .		2
105	Game-Theory Based Buffer-Space and Transmission-Rate Allocations for Optimal Energy-Efficiency over Wireless Virtual Networks. , 2015, , .		2
106	Game-theory based power and spectrum virtualization for maximizing spectrum efficiency over mobile cloud-computing wireless networks. , 2015, , .		4
107	Information-centric network function virtualization over 5g mobile wireless networks. <i>IEEE Network</i> , 2015, 29, 68-74.	6.9	199
108	Efficient quantum-error correction for QoS provisioning over QKD-based satellite networks. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
109	Heterogeneous Statistical QoS Provisioning for Full-Duplex D2D Communications over 5G Wireless Networks. , 2015, , .		9
110	Statistical-QoS based gaming for optimal power allocations over virtualized wireless relay networks supporting multimedia services. , 2015, , .		1
111	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
112	Compressive spectrum sensing for MIMO-OFDM based Cognitive Radio networks. , 2015, , .		3
113	Exact recoverability analysis for joint sparse optimization with missing measurements. , 2015, , .		1
114	Optimal energy efficient scheme for MIMO-based cognitive radio networks with antenna selection. , 2015, , .		3
115	Bayesian-game based power and spectrum virtualization for maximizing spectrum efficiency over mobile cloud-computing wireless networks. , 2015, , .		8
116	Heterogeneous statistical QoS provisioning over 5G wireless full-duplex networks. , 2015, , .		23
117	Decentralized iterative reweighted algorithm for recovery of jointly sparse signals. , 2015, , .		0
118	Quantum key distribution for security guarantees over quantum-repeater-based QoS-driven 3D satellite networks. , 2014, , .		4
119	Optimal power allocation for full-duplex D2D communications over wireless cellular networks. , 2014, , .		36
120	Heterogeneous statistical QoS provisioning for downlink transmissions over mobile wireless cellular networks. , 2014, , .		31
121	Collaborative compressive spectrum sensing with missing observations for Cognitive Radio networks. , 2014, , .		0
122	An efficient method for collaborative compressive spectrum sensing in cognitive radio networks. , 2014, , .		1
123	Mobile relay deployment based on Markov chains in WiMAX networks. , 2014, , .		1
124	Minimal exposure path algorithms for directional sensor networks. Wireless Communications and Mobile Computing, 2014, 14, 979-994.	1.2	18
125	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
126	Effective-Capacity Based Gaming for Optimal Power and Spectrum Allocations over Big-Data Virtual Wireless Networks. , 2014, , .		0



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127	Heterogeneous Statistical QoS Provisioning for Full-Duplex D2D Communications over 5G Wireless Networks. , 2014, , .		3
128	Game-Theory Based Buffer-Space and Transmission-Rate Allocations for Optimal Energy-Efficiency over Wireless Virtual Networks. , 2014, , .		0
129	BER and SER analyses for M-ary modulation schemes under symmetric alpha-stable noise. , 2014, , .		10
130	Adaptive Power Control for Maximizing Channel Capacity over Full-Duplex D2D Q-OFDMA Ad Hoc Networks. , 2014, , .		0
131	User-oriented FEC decoding scheme for wireless sensor networks with star topologies. , 2013, , .		0
132	Robust Time-Domain Fine Symbol Synchronization for OFDM-Based Packet Transmission Using CAZAC Preamble. , 2013, , .		7
133	Power-Delay Tradeoff over Wireless Networks. IEEE Transactions on Communications, 2013, 61, 3673-3684.	7.8	79
134	Optimal trade-off between power saving and QoS provisioning for multicell cooperation networks. IEEE Wireless Communications, 2013, 20, 90-96.	9.0	17
135	Energy-efficient relay selection for QoS provisioning in MIMO-based underwater acoustic cooperative wireless sensor networks. , 2013, , .		4
136	Energy-efficient relay selection for QoS provisioning in MIMO-based underwater acoustic cooperative wireless sensor networks. , 2013, , .		17
137	Optimal dynamic power control for full-duplex bidirectional-channel based wireless networks. , 2013, , .		55
138	Joint optimization for energy consumption and secrecy capacity in wireless cooperative networks. , 2013, , .		4
139	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
140	Picocell-density based energy-saving for QoS provisioning in heterogeneous networks. , 2013, , .		1
141	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
142	A novel preamble-based robust coarse symbol timing estimators for OFDM systems. , 2013, , .		1
143	Coarse symbol timing for OFDM systems by ranking preamble cross-correlations. , 2013, , .		3
144	A secrecy evaluation scheme for infrastructure deployment in radio access network. , 2013, , .		0

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145	A novel multi-objective relay-jammer pair selection scheme in wireless cooperative networks. , 2012, , .		2
146	Joint spectrum and power efficiencies optimization for statistical QoS provisionings in wireless networks. , 2012, , .		2
147	Optimal density estimation for exposure-path prevention in wireless sensor networks using percolation theory. , 2012, , .		8
148	Maximizing effective capacity over wireless links under average and peak power constraints. , 2012, , .		6
149	A binary-classification-tree based framework for distributed target classification in multimedia sensor networks. , 2012, , .		12
150	Coarse frame synchronization for OFDM systems using SNR estimation. , 2012, , .		2
151	Physarum optimization: A biology-inspired algorithm for minimal exposure path problem in wireless sensor networks. , 2012, , .		20
152	Time-domain preamble-based SNR estimation for OFDM systems in doubly selective channels. , 2012, , .		5
153	QoS driven power allocation over full-duplex wireless links. , 2012, , .		17
154	A novel security-oriented cooperative scheme for wireless relay networks in presence of eavesdroppers. , 2012, , .		2
155	Energy efficient stochastic power scheduling scheme for wireless cellular networks. , 2012, , .		0
156	Full/half duplex based resource allocations for statistical quality of service provisioning in wireless relay networks. , 2012, , .		44
157	HMRF-based distributed fault detection for wireless sensor networks. , 2012, , .		4
158	Advances in cooperative wireless networking: Part II. IEEE Communications Magazine, 2012, 50, 66-67.	6.1	38
159	An Adaptive Probability Broadcast-Based Data Preservation Protocol in Wireless Sensor Networks. , 2011, , .		4
160	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
161	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
162	On-Demand based wireless resources trading for Green Communications. , 2011, , .		17

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163	Localization-Oriented Coverage in Wireless Camera Sensor Networks. IEEE Transactions on Wireless Communications, 2011, 10, 484-494.	9.2	23
164	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
165	Advances in cooperative wireless networking: Part I [Guest Editorial]., 2011, 49, 54-55.		3
166	Full duplex spectrum sensing in non-time-slotted cognitive radio networks. , 2011, , .		18
167	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
168	A False Data Filtering Scheme Using Cluster-Based Organization in Sensor Networks. , 2011, , .		3
169	Base-station selections for qos provisioning over distributed multi-user MIMO links in wireless networks. , 2011, , .		6
170	Performance Analysis for End-to-End Channel System with Lossy Communication of Multi-Hop Wireless Networks. , 2011, , .		1
171	Target coverage algorithms with multiple sensing ranges in wireless sensor networks. , 2010, , .		3
172	Multiple visual-targets tracking in decentralized wireless camera sensor networks. , 2010, , .		0
173	Optimal Node Selection for Target Localization in Wireless Camera Sensor Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 3562-3576.	6.3	81
174	ARROW-WTCP: A Fast Transport Protocol Based on Explicit Congestion Notification over Wired/Wireless Networks. , 2010, , .		0
175	Sensor Self-Organization for Mobile Multi-Target Tracking in Decentralized Wireless Sensor Networks. , 2010, , .		11
176	GRLD: A Seamless Growth Rings like Deployment of Sensors Avoiding Boundary Effects in WSNs. , 2010, , .		0
177	Dynamic Base Station Selections for QoS Provisioning over Distributed MIMO Links. , 2010, , .		0
178	Power-Efficient Periodic Spectrum Sensing for Cognitive MAC in Dynamic Spectrum Access Networks. , 2010, , .		4
179	Network-Coding-Based Relay MAC Protocols for Drive-Thru Internet Services in Vehicular Networks. , 2010, , .		3
180	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

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181	Two-Tier Optimal-Cooperation Based Secure Distributed Spectrum Sensing for Wireless Cognitive Radio Networks. , 2010, , .		11
182	Energy-Efficient Distributed Spectrum Sensing for Wireless Cognitive Radio Networks. , 2010, , .		31
183	Opportunistic Energy-Aware Channel Sensing Schemes for Dynamic Spectrum Access Networks. , 2010, , .		6
184	Joint Link Scheduling and Routing for Directional-Antenna Based 60 GHz Wireless Mesh Networks. , 2009, , .		11
185	Minimal Exposure Path Algorithms for Directional Sensor Networks. , 2009, , .		9
186	ARROW-TCP: Accelerating Transmission toward Efficiency and Fairness for High-Speed Networks. , 2009, , .		2
187	QoS-Driven Power-Allocation Game over Fading Multiple-Access Channels. , 2009, , .		3
188	Game-theoretic approach for QoS-aware resource competition in wireless networks. , 2009, , .		1
189	Adaptive uplink MAC for CDMA-based cognitive radio networks. , 2009, , .		6
190	Mobile Multi-Target Tracking in two-tier hierarchical Wireless Sensor Networks. , 2009, , .		9
191	Dynamic node collaboration for Mobile Multi-Target Tracking in two-tier Wireless Camera Sensor Networks. , 2009, , .		4
192	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
193	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
194	Secondary User Friendly TDMA Scheduling for Primary Users in Cognitive Radio Networks. , 2009, , .		2
195	An Automated Signature Generation Approach for Polymorphic Worm Based on Color Coding. , 2009, , .		4
196	A Cross-Layer ECN to Achieve Fairness Among TCP Flows in Wireless Mesh Networks. , 2009, , .		1
197	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
198	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

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199	Localization-oriented coverage based on Bayesian estimation in camera sensor networks. , 2008, , .		4
200	Characterizing the throughput gain of network coding in wireless ad hoc networks. , 2008, , .		2
201	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
202	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
203	Effective Capacity Optimization with Layered Transmission for Multicast in Wireless Networks. , 2008, , .		5
204	CREAM-MAC: An efficient Cognitive Radio-enAbled Multi-Channel MAC protocol for wireless networks. , 2008, , .		50
205	Battery-Aware TDMA Scheduling Schemes for Wireless Sensor Networks. , 2008, , .		5
206	Design and analysis of a multi-channel cognitive MAC protocol for dynamic access spectrum networks. , 2008, , .		9
207	Power-delay tradeoff over wireless networks. , 2008, , .		1
208	Bond-Percolation Based Optimal Density for Exposure-Path Prevention in Wireless Sensor Networks. , 2008, , .		4
209	Optimal camera selection for target localization in camera sensor networks. , 2008, , .		3
210	Collaborative Target Localization in Camera Sensor Networks. , 2008, , .		2
211	On Rate Adaptation for Video Multicast with Layered Coding over Multirate Wireless Networks. , 2008, , .		2
212	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
213	Second-Order Rate-Control Based Transport Protocols Over Mobile Wireless Networks. , 2007, , .		1
214	Modeling Virus and Antivirus Spreading Over Hybrid Wireless Ad Hoc and Wired Networks. , 2007, , .		5
215	Adaptive Multicast with Power and Rate Control Over Fading Channels in Mobile Wireless Networks. , 2007, , .		4
216	Network Lifetime Optimization for Heterogeneous Sensor Networks With Mixed Communication Modes. , 2007, , .		4

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