Lin Cai

List of Publications by Year
in descending order

335	7,896	61984	98798
		43	67
papers	citations	h-index	g-index

342	342	342	7061
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Topology control for wireless sensor networks. , 2003, , .		287
2	Rex: A randomized EXclusive region based scheduling scheme for mmWave WPANs with directional antenna. IEEE Transactions on Wireless Communications, 2010, 9, 113-121.	9.2	192
3	Optimal base-station locations in two-tiered wireless sensor networks. IEEE Transactions on Mobile Computing, 2005, 4, 458-473.	5.8	179
4	Extremely High Incidence of Lower Extremity Deep Venous Thrombosis in 48 Patients With Severe COVID-19 in Wuhan. Circulation, 2020, 142, 181-183.	1.6	177
5	Voice Capacity Analysis of WLAN With Unbalanced Traffic. IEEE Transactions on Vehicular Technology, 2006, 55, 752-761.	6.3	173
6	Optimal Charging Scheduling by Pricing for EV Charging Station With Dual Charging Modes. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3386-3396.	8.0	172
7	Energy-Efficient User Scheduling and Power Allocation for NOMA-Based Wireless Networks With Massive IoT Devices. IEEE Internet of Things Journal, 2018, 5, 1857-1868.	8.7	160
8	Efficient Computing Resource Sharing for Mobile Edge-Cloud Computing Networks. IEEE/ACM Transactions on Networking, 2020, 28, 1227-1240.	3.8	146
9	RSS Distribution-Based Passive Localization and Its Application in Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2883-2895.	9.2	123
10	UAV-Assisted Dynamic Coverage in a Heterogeneous Cellular System. IEEE Network, 2017, 31, 56-61.	6.9	116
11	Intelligent Parking Garage EV Charging Scheduling Considering Battery Charging Characteristic. IEEE Transactions on Industrial Electronics, 2018, 65, 2806-2816.	7.9	113
12	Performance Analysis of Group-Synchronized DCF for Dense IEEE 802.11 Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6180-6192.	9.2	104
13	A Real-Time Adaptive Algorithm for Video Streaming over Multiple Wireless Access Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 795-805.	14.0	91
14	A Distributed Demand Response Control Strategy Using Lyapunov Optimization. IEEE Transactions on Smart Grid, 2014, 5, 2075-2083.	9.0	84
15	Performance analysis of TCP-friendly AIMD algorithms for multimedia applications. IEEE Transactions on Multimedia, 2005, 7, 339-355.	7.2	83
16	Electric Vehicle Charging Scheme for a Park-and-Charge System Considering Battery Degradation Costs. IEEE Transactions on Intelligent Vehicles, 2018, 3, 361-373.	12.7	83
17	Time and Location-Critical Emergency Message Dissemination for Vehicular Ad-Hoc Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 187-196.	14.0	81
18	Dynamic Charging Scheduling for EV Parking Lots With Photovoltaic Power System. IEEE Access, 2018, 6, 56995-57005.	4.2	75

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19	Reliable Wireless Communication Networks for Demand Response Control. IEEE Transactions on Smart Grid, 2013, 4, 133-140.	9.0	74
20	A hybrid reservation/contention-based MAC for video streaming over wireless networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 389-398.	14.0	72
21	E-HIPA: An Energy-Efficient Framework for High-Precision Multi-Target-Adaptive Device-Free Localization. IEEE Transactions on Mobile Computing, 2017, 16, 716-729.	5.8	72
22	Partner Selection Based on Optimal Power Allocation in Cooperative-Diversity Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 511-520.	6.3	71
23	Preserving Data-Privacy With Added Noises: Optimal Estimation and Privacy Analysis. IEEE Transactions on Information Theory, 2018, 64, 5677-5690.	2.4	71
24	Delay Analysis and Routing for Two-Dimensional VANETs Using Carry-and-Forward Mechanism. IEEE Transactions on Mobile Computing, 2017, 16, 1830-1841.	5.8	63
25	Delay Minimization for Data Dissemination in Large-Scale VANETs with Buses and Taxis. IEEE Transactions on Mobile Computing, 2016, 15, 1939-1950.	5.8	61
26	Joint Resource Allocation and Computation Offloading With Time-Varying Fading Channel in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 3384-3398.	6.3	61
27	Toward Reliable and Scalable Internet of Vehicles: Performance Analysis and Resource Management. Proceedings of the IEEE, 2020, 108, 324-340.	21.3	60
28	A Distributed Asynchronous Directional-to-Directional MAC Protocol for Wireless Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 5124-5134.	6.3	59
29	DSDMAC: Dual Sensing Directional MAC Protocol for Ad Hoc Networks with Directional Antennas. IEEE Transactions on Vehicular Technology, 2012, 61, 1266-1275.	6.3	58
30	Joint routing and link rate allocation under bandwidth and energy constraints in sensor networks. IEEE Transactions on Wireless Communications, 2009, 8, 3770-3779.	9.2	57
31	Privacy-Preserving Average Consensus: Privacy Analysis and Algorithm Design. IEEE Transactions on Signal and Information Processing Over Networks, 2019, 5, 127-138.	2.8	57
32	Randomized PHEV Charging Under Distribution Grid Constraints. IEEE Transactions on Smart Grid, 2014, 5, 879-887.	9.0	56
33	VoIP over WLAN: voice capacity, admission control, QoS, and MAC. International Journal of Communication Systems, 2006, 19, 491-508.	2.5	55
34	An Intelligent Longitudinal Controller for Application in Semiautonomous Vehicles. IEEE Transactions on Industrial Electronics, 2010, 57, 1487-1497.	7.9	55
35	Efficient Computation Resource Management in Mobile Edge-Cloud Computing. IEEE Internet of Things Journal, 2019, 6, 3455-3466.	8.7	55
36	Minimizing Energy Consumption with Probabilistic Distance Models in Wireless Sensor Networks. , 2010, , .		54

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37	Biomimetic mineralization of novel hydroxyethyl cellulose/soy protein isolate scaffolds promote bone regeneration in vitro and in vivo. International Journal of Biological Macromolecules, 2020, 162, 1627-1641.	7.5	54
38	Antihypertensive drugs are associated with reduced fatal outcomes and improved clinical characteristics in elderly COVID-19 patients. Cell Discovery, 2020, 6, 77.	6.7	54
39	On the Uplink MAC Performance of a Drive-Thru Internet. IEEE Transactions on Vehicular Technology, 2012, 61, 1925-1935.	6.3	52
40	Utility Maximization for Multimedia Data Dissemination in Large-Scale VANETs. IEEE Transactions on Mobile Computing, 2017, 16, 1188-1198.	5.8	52
41	LCS: Compressive sensing based device-free localization for multiple targets in sensor networks. , 2013, , .		51
42	Consensus-Based Data-Privacy Preserving Data Aggregation. IEEE Transactions on Automatic Control, 2019, 64, 5222-5229.	5.7	50
43	Adaptive scalable video streaming in wireless networks. , 2012, , .		49
44	Joint Roadside Unit Deployment and Service Task Assignment for Internet of Vehicles (IoV). IEEE Internet of Things Journal, 2019, 6, 3271-3283.	8.7	48
45	Maximizing Cooperative Diversity Energy Gain for Wireless Networks. IEEE Transactions on Wireless Communications, 2007, 6, 2530-2539.	9.2	47
46	Adaptive video streaming with inter-vehicle relay for highway VANET scenario. , 2012, , .		47
47	Evaluating Service Disciplines for On-Demand Mobile Data Collection in Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 797-810.	5.8	45
48	A reliable QoS-aware routing scheme for neighbor area network in smart grid. Peer-to-Peer Networking and Applications, 2016, 9, 616-627.	3.9	44
49	Maximum-Utility Scheduling for Multimedia Transmission in Drive-Thru Internet. IEEE Transactions on Vehicular Technology, 2016, 65, 2649-2658.	6.3	44
50	Accurate clock synchronization in wireless sensor networks with bounded noise. Automatica, 2017, 81, 350-358.	5.0	44
51	Wireless Mesh Networks for In-Home IPTV Distribution. IEEE Network, 2008, 22, 52-57.	6.9	43
52	Environment-aware clock skew estimation and synchronization for wireless sensor networks. , 2012, , .		43
53	Distributed Privacy-Preserving Data Aggregation Against Dishonest Nodes in Network Systems. IEEE Internet of Things Journal, 2019, 6, 1462-1470.	8.7	43
54	Cooperative channel allocation and scheduling in multi-interface wireless mesh networks. Peer-to-Peer Networking and Applications, 2019, 12, 1-12.	3.9	42

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55	Two-Dimensional DoA Estimation for Multipath Propagation Characterization Using the Array Response of PN-Sequences. IEEE Transactions on Wireless Communications, 2016, 15, 341-356.	9.2	41
56	Networked Electric Vehicles for Green Intelligent Transportation. IEEE Communications Standards Magazine, 2017, 1, 77-83.	4.9	41
57	Differential Private Noise Adding Mechanism and Its Application on Consensus Algorithm. IEEE Transactions on Signal Processing, 2020, 68, 4069-4082.	5.3	41
58	Finite state Markov modelling for high speed railway wireless communication channel. , 2012, , .		40
59	Data Uploading in Hybrid V2V/V2I Vehicular Networks: Modeling and Cooperative Strategy. IEEE Transactions on Vehicular Technology, 2018, 67, 4602-4614.	6.3	40
60	MiR-302b Suppresses Osteosarcoma Cell Migration and Invasion by Targeting Runx2. Scientific Reports, 2017, 7, 13388.	3.3	39
61	Icariin promotes osteogenic differentiation of bone marrow stromal cells and prevents bone loss in OVX mice via activating autophagy. Journal of Cellular Biochemistry, 2019, 120, 13121-13132.	2.6	39
62	A Geometrical-Based Throughput Bound Analysis for Device-to-Device Communications in Cellular Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 100-110.	14.0	37
63	Expanding EV Charging Networks Considering Transportation Pattern and Power Supply Limit. IEEE Transactions on Smart Grid, 2019, 10, 6332-6342.	9.0	37
64	Exclusive-Region Based Scheduling Algorithms for UWB WPAN. IEEE Transactions on Wireless Communications, 2008, 7, 933-942.	9.2	36
65	Scalable Modulation for Video Transmission in Wireless Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 4314-4323.	6.3	36
66	Epirubicin-mediated expression of miR-302b is involved in osteosarcoma apoptosis and cell cycle regulation. Toxicology Letters, 2013, 222, 1-9.	0.8	36
67	Temperature-Assisted Clock Synchronization and Self-Calibration for Sensor Networks. IEEE Transactions on Wireless Communications, 2014, 13, 3419-3429.	9.2	36
68	Deep learning based optimization in wireless network. , 2017, , .		36
69	Delay Minimization for Massive Internet of Things With Non-Orthogonal Multiple Access. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 553-566.	10.8	36
70	Vehicle Platooning With Non-Ideal Communication Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 18-32.	6.3	36
71	Voice Capacity Analysis of WLAN with Unbalanced Traffic. , 0, , .		35
72	Performance Analysis of Distributed Reservation Protocol for UWB-Based WPAN. IEEE Transactions on Vehicular Technology, 2009, 58, 902-913.	6.3	35

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73	<p>Icariin-loaded porous scaffolds for bone regeneration through the regulation of the coupling process of osteogenesis and osteoclastic activity</p>. International Journal of Nanomedicine, 2019, Volume 14, 6019-6033.	6.7	35
74	Secret Key Generation and Agreement in UWB Communication Channels. , 2008, , .		34
75	On the Queue Dynamics of Multiuser Multichannel Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1314-1328.	6.3	34
76	Optimal Dropbox Deployment Algorithm for Data Dissemination in Vehicular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 632-645.	5.8	34
77	Joint User Pairing, Mode Selection, and Power Control for D2D-Capable Cellular Networks Enhanced by Nonorthogonal Multiple Access. IEEE Internet of Things Journal, 2019, 6, 8919-8932.	8.7	34
78	Proportional Fair Scheduling in Hierarchical Modulation Aided Wireless Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1584-1593.	9.2	33
79	Energy efficient communication networks design for demand response in smart grid. , 2011, , .		32
80	Beyond Respiration. , 2019, 3, 1-22.		32
81	Stability Analysis of Vehicle Platooning With Limited Communication Range and Random Packet Losses. IEEE Internet of Things Journal, 2021, 8, 262-277.	8.7	32
82	Stability analysis of multiple-bottleneck networks. Computer Networks, 2009, 53, 338-352.	5.1	31
83	Achievable Rate Region of the Buffer-Aided Two-Way Energy Harvesting Relay Network. IEEE Transactions on Vehicular Technology, 2018, 67, 11127-11142.	6.3	31
84	Optimal Investment for Retail Company in Electricity Market. IEEE Transactions on Industrial Informatics, 2015, 11, 1210-1219.	11.3	30
85	Resource Management and QoS Provisioning for IPTV over mmWave-based WPANs with Directional Antenna. Mobile Networks and Applications, 2009, 14, 210-219.	3.3	29
86	Supporting voice and video applications over IEEE 802.11n WLANs. Wireless Networks, 2009, 15, 443-454.	3.0	29
87	Evaluating service disciplines for mobile elements in wireless ad hoc sensor networks. , 2012, , .		29
88	Performance analysis of grouping strategy for dense IEEE 802.11 networks. , 2013, , .		29
89	Vehicular beacon broadcast scheduling based on age of information (AoI). China Communications, 2018, 15, 67-76.	3.2	29
90	Polyethylenimine-dextran-coated magnetic nanoparticles loaded with miR-302b suppress osteosarcoma *in vitro* and *in vivo*. Nanomedicine, 2020, 15, 711-723.	3.3	29

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91	Fundamentals and Advancements of Topology Discovery in Underwater Acoustic Sensor Networks: A Review. IEEE Sensors Journal, 2021, 21, 21159-21174.	4.7	29
92	Channel Allocation for Adaptive Video Streaming in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	28
93	Mobile Node Localization in Underwater Wireless Networks. IEEE Access, 2018, 6, 17232-17244.	4.2	28
94	Channel State Information Prediction for Adaptive Underwater Acoustic Downlink OFDMA System: Deep Neural Networks Based Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 9063-9076.	6.3	28
95	A probabilistic model for message propagation in two-dimensional vehicular ad-hoc networks. , 2010, , .		28
96	Performance analysis of TFRC over wireless link with truncated link-level ARQ. IEEE Transactions on Wireless Communications, 2006, 5, 1479-1487.	9.2	27
97	A Geometric Probability Model for Capacity Analysis and Interference Estimation in Wireless Mobile Cellular Systems. , 2011, , .		27
98	Cooperative Device-to-Device Communication With Network Coding for Machine Type Communication Devices. IEEE Transactions on Wireless Communications, 2018, 17, 296-309.	9.2	27
99	Cooperative Device-to-Device Communication for Uplink Transmission in Cellular System. IEEE Transactions on Wireless Communications, 2018, 17, 3903-3917.	9.2	27
100	Stability and TCP-friendliness of AIMD/RED systems with feedback delays. Computer Networks, 2007, 51, 4475-4491.	5.1	26
101	Multiclass Utility-Based Scheduling for UWB Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 1176-1187.	6.3	26
102	Cross-Layer Schemes for Reducing Delay in Multihop Wireless Networks. IEEE Transactions on Wireless Communications, 2013, 12, 928-937.	9.2	26
103	Optimal Charging Scheduling for Catenary-Free Trams in Public Transportation Systems. IEEE Transactions on Smart Grid, 2019, 10, 227-237.	9.0	26
104	Differential private noise adding mechanism: Basic conditions and its application. , 2017, , .		25
105	Performance Analysis of Mobile Hotspots with Heterogeneous Wireless Links. IEEE Transactions on Wireless Communications, 2007, 6, 3717-3727.	9.2	24
106	Identity-based secure collaboration in wireless ad hoc networks. Computer Networks, 2007, 51, 853-865.	5.1	24
107	Sustainable communication and networking in two-tier green cellular networks. IEEE Wireless Communications, 2014, 21, 47-53.	9.0	24
108	Interference-Based Capacity Analysis for Vehicular Ad Hoc Networks. IEEE Communications Letters, 2015, 19, 621-624.	4.1	24

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109	QoS-Aware and Load-Balance Routing for IEEE 802.11s Based Neighborhood Area Network in Smart Grid. Wireless Personal Communications, 2016, 89, 1065-1088.	2.7	24
110	Energy Efficient Buffer-Aided Transmission Scheme in Wireless Powered Cooperative NOMA Relay Network. IEEE Transactions on Communications, 2020, 68, 1432-1447.	7.8	24
111	Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5736-5748.	6.3	24
112	A Dynamic Water-Filling Method for Real-Time HVAC Load Control Based on Model Predictive Control. IEEE Transactions on Power Systems, 2015, 30, 1405-1414.	6.5	23
113	Efficient Resource Management for mmWave WPANs. , 2007, , .		22
114	A Probabilistic Distance-Based Modeling and Analysis for Cellular Networks With Underlaying Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2017, 16, 451-463.	9.2	22
115	Performance Analysis of IPTV Traffic in Home Networks. , 2007, , .		21
116	Cross-Polarized Three-Dimensional Channel Measurement and Modeling for Small-Cell Street Canyon Scenario. IEEE Transactions on Vehicular Technology, 2018, 67, 7969-7983.	6.3	21
117	Biphasic Injectable Bone Cement with Fe_3O_4/GO Nanocomposites for the Minimally Invasive Treatment of Tumor-Induced Bone Destruction. ACS Biomaterials Science and Engineering, 2019, 5, 5833-5843.	5.2	21
118	Diagnostic and Management Options of Osteoblastoma in the Spine. Medical Science Monitor, 2019, 25, 1362-1372.	1.1	21
119	Mac protocol design and optimization for multi-hop ultra-wideband networks. IEEE Transactions on Wireless Communications, 2009, 8, 4056-4065.	9.2	20
120	Practical Scheduling Algorithms for Concurrent Transmissions in Rate-adaptive Wireless Networks. , 2010, , .		20
121	Measurement and Modeling of Angular Spreads of Three-dimensional Urban Street Radio Channels. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	20
122	On Achieving Fair and Throughput-Optimal Scheduling for TCP Flows in Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7996-8008.	9.2	20
123	Power Allocation and 3-D Placement for Floating Relay Supporting Indoor Communications. IEEE Transactions on Mobile Computing, 2019, 18, 618-631.	5.8	20
124	Directed Percolation Routing for Ultra-Reliable and Low-Latency Services in Low Earth Orbit (LEO) Satellite Networks. , 2020, , .		20
125	A packet-level model for UWB channel with people shadowing process based on angular spectrum analysis. IEEE Transactions on Wireless Communications, 2009, 8, 4048-4055.	9.2	19
126	Joint AMC and Packet Fragmentation for Error Control Over Fading Channels. IEEE Transactions on Vehicular Technology, 2010, 59, 3070-3080.	6.3	19

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127	Cross-Layer Throughput Optimization With Power Control in Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3300-3308.	6.3	19
128	Geometrical-Based Throughput Analysis of Device-to-Device Communications in a Sector-Partitioned Cell. IEEE Transactions on Wireless Communications, 2015, 14, 2232-2244.	9.2	19
129	Bioinspired Redwoodâ€Like Scaffolds Coordinated by In Situâ€Generated Silicaâ€Containing Hybrid Nanocoatings Promote Angiogenesis and Osteogenesis both In Vitro and In Vivo. Advanced Healthcare Materials, 2021, 10, e2101591.	7.6	19
130	Transmission Control for Compressive Sensing Video over Wireless Channel. IEEE Transactions on Wireless Communications, 2013, 12, 1429-1437.	9.2	18
131	Design and Analysis of Heterogeneous Physical Layer Network Coding. IEEE Transactions on Wireless Communications, 2016, 15, 2484-2497.	9.2	18
132	Security-Aware Proportional Fairness Resource Allocation for Cognitive Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 11694-11704.	6.3	18
133	GPS-free vehicular localization system using roadside units with directional antennas. Journal of Communications and Networks, 2019, 21, 12-24.	2.6	18
134	Adaptive Clock Skew Estimation with Interactive Multi-Model Kalman Filters for Sensor Networks. , 2010, , .		17
135	A New Approach to the Directed Connectivity in Two-Dimensional Lattice Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2458-2472.	5.8	17
136	Distributed and Adaptive Reservation MAC Protocol for Beaconing in Vehicular Networks. IEEE Transactions on Mobile Computing, 2021, 20, 2936-2948.	5.8	17
137	QoS support in Wireless/Wired networks using the TCP-Friendly AIMD protocol. IEEE Transactions on Wireless Communications, 2006, 5, 469-480.	9.2	16
138	Interference Analysis of Co-Existing Wireless Body Area Networks. , 2011, , .		16
139	Optimal Combined Heat and Power system scheduling in smart grid. , 2014, , .		16
140	AFDA: Asynchronous Flipped Diversity ALOHA for Emerging Wireless Networks With Long and Heterogeneous Delay. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 64-73.	4.6	16
141	Indirect Load Shaping for CHP Systems Through Real-Time Price Signals. IEEE Transactions on Smart Grid, 2016, 7, 282-290.	9.0	16
142	Buffer-Aided Adaptive Wireless Powered Communication Network With Finite Energy Storage and Data Buffer. IEEE Transactions on Wireless Communications, 2019, 18, 5764-5779.	9.2	16
143	Network for AI and AI for Network: Challenges and Opportunities for Learning-Oriented Networks. IEEE Network, 2021, 35, 270-277.	6.9	16
144	Throughput Analysis of TCP-Friendly Rate Control in Mobile Hotspots. IEEE Transactions on Wireless Communications, 2008, 7, 193-203.	9.2	15

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145	Modeling the Throughput and Delay in Wireless Multihop Ad Hoc Networks. , 2009, , .		15
146	Throughput Maximization for User Cooperative Wireless Systems with Adaptive Modulation. , 2010, , .		15
147	Scalable Video Coding with Compressive Sensing for Wireless Videocast. , 2011, , .		15
148	Design of Channel Coded Heterogeneous Modulation Physical Layer Network Coding. IEEE Transactions on Vehicular Technology, 2018, 67, 2219-2230.	6.3	15
149	Planning While Flying: A Measurement-Aided Dynamic Planning of Drone Small Cells. IEEE Internet of Things Journal, 2019, 6, 2693-2705.	8.7	15
150	Loss-Aware Throughput Estimation Scheduler for Multi-Path TCP in Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3336-3349.	9.2	15
151	Vulnerabilities in distance-indexed IP traceback schemes. International Journal of Security and Networks, 2007, 2, 81.	0.2	14
152	A Two-Phase Loss Differentiation Algorithm for Improving TFRC Performance in IEEE 802.11 WLANs. IEEE Transactions on Wireless Communications, 2007, 6, 4164-4175.	9.2	14
153	A Simple, Two-Level Markovian Traffic Model for IPTV Video Sources. , 2008, , .		14
154	RDL: A novel approach for passive object localization in WSN based on RSSI. , 2012, , .		14
155	Topology-Aware Modulation and Error-Correction Coding for Cooperative Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 379-387.	14.0	14
156	Admission Control and Scheduling for EV Charging Station Considering Time-of-Use Pricing. , 2016, , .		14
157	Iterative Trajectory Optimization for Physical-Layer Secure Buffer-Aided UAV Mobile Relaying. Sensors, 2019, 19, 3442.	3.8	14
158	Using blockchain to enhance the security of fog-assisted crowdsensing systems. , 2019, , .		14
159	Improving TCP Performance over Wireless Ad Hoc Networks with Busy Tone Assisted Scheme. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	2.4	13
160	Link Activity Scheduling for Minimum End-to-End Latency in Multihop Wireless Sensor Networks. , 2011, , .		13
161	RSS-Based Grouping Strategy for Avoiding Hidden Terminals with GS-DCF MAC Protocol. , 2017, , .		13
162	EV Charging Network Design with Transportation and Power Grid Constraints. , 2018, , .		13

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163	A Throughput Fairness-based Grouping Strategy for Dense IEEE 802.11ah Networks. , 2019, , .		13
164	Spatial Multiplexing Capacity Analysis of mmWave WPANs with Directional Antennae. , 2007, , .		12
165	Performance Analysis of Reservation and Contention-Based Hybrid MAC for Wireless Networks. , 2010, , .		12
166	Network modulation: A new dimension to enhance wireless network performance. , 2011, , .		12
167	Performance Study of Hybrid MAC Using Soft Reservation for Wireless Networks. , 2011, , .		12
168	Rate-Adaptive Concurrent Transmission Scheduling Schemes for WPANs With Directional Antennas. IEEE Transactions on Vehicular Technology, 2015, 64, 4113-4123.	6.3	12
169	Delay Analysis and Message Delivery Strategy in Hybrid V2I/V2V Networks. , 2016, , .		12
170	DAFEE: A Decomposed Approach for energy efficient networking in multi-radio multi-channel wireless networks. , 2016, , .		12
171	EPTR: expected path throughput based routing protocol for wireless mesh network. Wireless Networks, 2016, 22, 839-854.	3.0	12
172	Bi-Directional Multi-Hop Wireless Pipeline Using Physical-Layer Network Coding. IEEE Transactions on Wireless Communications, 2017, 16, 7950-7965.	9.2	12
173	Optimal location of supplementary node in UAV surveillance system. Journal of Network and Computer Applications, 2019, 140, 23-39.	9.1	12
174	Disclose More and Risk Less: Privacy Preserving Online Social Network Data Sharing. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 1173-1187.	5.4	12
175	Scalable Modulation for Scalable Wireless Videocast. , 2010, , .		11
176	Practical closed-loop dynamic pricing in smart grid for supply and demand balancing. Automatica, 2018, 89, 92-102.	5.0	11
177	Adaptive Transmission Design for Rechargeable Wireless Sensor Network With a Mobile Sink. IEEE Internet of Things Journal, 2020, 7, 9011-9025.	8.7	11
178	The effect of miR-539 regulating TRIAP1 on the apoptosis, proliferation, migration and invasion of osteosarcoma cells. Cancer Cell International, 2021, 21, 227.	4.1	11
179	Prediction and Modeling of Spectrum Occupancy for Dynamic Spectrum Access Systems. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 715-728.	7.9	11
180	A Markov Model for Indoor Ultra-wideband Channel with People Shadowing. Mobile Networks and Applications, 2007, 12, 438-449.	3.3	10

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182	HOL delay based scheduling in wireless networks with flow-level dynamics. , 2014, , .		10
183	Stability Region of Opportunistic Scheduling in Wireless Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 4017-4027.	6.3	10
184	Angular spread measurement and modeling for 3D MIMO in urban macrocellular radio channels. , 2014, , .		10
185	Scheduling in a secure wireless network. , 2014, , .		10
186	Utility maximization for Electric Vehicle charging with admission control and scheduling. , 2015, , .		10
187	Spatio-Temporal Spectrum Load Prediction Using Convolutional Neural Network and ResNet. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 502-513.	7.9	10
188	Dynamic server selection using fuzzy inference in content distribution networks. Computer Communications, 2006, 29, 1026-1038.	5.1	9
189	Delay Analysis of Distributed Reservation Protocol with UWB Shadowing Channel for WPAN. , 2008, , .		9
190	A Distributed Directional-to-Directional MAC Protocol for Asynchronous Ad Hoc Networks. , 2008, , .		9
191	Markov Modeling for Data Block Transmission of OFDM Systems over Fading Channels. , 2009, , .		9
192	Capacity analysis of UWB networks in three-dimensional space. Journal of Communications and Networks, 2009, 11, 287-296.	2.6	9
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196	Dynamic rate adaptation for adaptive video streaming in wireless networks. Signal Processing: Image Communication, 2015, 39, 305-315.	3.2	9
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198	Practical Stability and Bounds of Heterogeneous AIMD/RED System with Time Delay. , 2008, , .		8

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