Qiang Ni

List of Publications by Year
in descending order

248 papers	9,212 citations	41344 49 h-index	56724 83 g-index
249 all docs	249 docs citations	249 times ranked	8799 citing authors

#	Article	IF	Citations
1	IEEE 802.11n MAC frame aggregation mechanisms for next-generation high-throughput WLANs. IEEE Wireless Communications, 2008, 15, 40-47.	9.0	262
2	Adaptive EDCF: enhanced service differentiation for IEEE 802.11 wireless ad-hoc networks. , 0, , .		244
3	A survey of QoS enhancements for IEEE 802.11 wireless LAN. Wireless Communications and Mobile Computing, 2004, 4, 547-566.	1.2	211
4	Design of Cooperative Non-Orthogonal Multicast Cognitive Multiple Access for 5G Systems: User Scheduling and Performance Analysis. IEEE Transactions on Communications, 2017, 65, 2641-2656.	7.8	207
5	Drone-Aided Communication as a Key Enabler for 5G and Resilient Public Safety Networks. IEEE Communications Magazine, 2018, 56, 36-42.	6.1	199
6	A Distributed Locality-Sensitive Hashing-Based Approach for Cloud Service Recommendation From Multi-Source Data. IEEE Journal on Selected Areas in Communications, 2017, 35, 2616-2624.	14.0	177
7	5G Communications Race: Pursuit of More Capacity Triggers LTE in Unlicensed Band. IEEE Vehicular Technology Magazine, 2015, 10, 43-51.	3.4	176
8	Computation Offloading in Multi-Access Edge Computing Using a Deep Sequential Model Based on Reinforcement Learning. IEEE Communications Magazine, 2019, 57, 64-69.	6.1	174
9	Cognitive computing and wireless communications on the edge for healthcare service robots. Computer Communications, 2020, 149, 99-106.	5.1	170
10	UAV-Assisted Wireless Powered Cooperative Mobile Edge Computing: Joint Offloading, CPU Control, and Trajectory Optimization. IEEE Internet of Things Journal, 2020, 7, 2777-2790.	8.7	168
11	AoI-Minimal Trajectory Planning and Data Collection in UAV-Assisted Wireless Powered IoT Networks. IEEE Internet of Things Journal, 2021, 8, 1211-1223.	8.7	163
12	Performance analysis and enhancements for IEEE 802.11e wireless networks. IEEE Network, 2005, 19, 21-27.	6.9	154
13	Construction of human activity†based phosphorylation networks. Molecular Systems Biology, 2013, 9, 655.	7.2	153
14	Cooperative Non-Orthogonal Multiple Access in Cognitive Radio. IEEE Communications Letters, 2016, 20, 2059-2062.	4.1	150
15	Aggregation With Fragment Retransmission for Very High-Speed WLANs. IEEE/ACM Transactions on Networking, 2009, 17, 591-604.	3.8	145
16	Multicast Broadcast Services Support in OFDMA-Based WiMAX Systems [Advances in Mobile Multimedia]. , 2007, 45, 78-86.		144
17	Saturation throughput analysis of error-prone 802.11 wireless networks. Wireless Communications and Mobile Computing, 2005, 5, 945-956.	1.2	140
18	Secure MISO-NOMA Transmission With Artificial Noise. IEEE Transactions on Vehicular Technology, 2018, 67, 6700-6705.	6.3	135

#	ARTICLE	IF	CITATIONS
19	An Evolving Graph-Based Reliable Routing Scheme for VANETs. IEEE Transactions on Vehicular Technology, 2013, 62, 1493-1504.	6.3	131
20	Performance analysis under finite load and improvements for multirate 802.11. Computer Communications, 2005, 28, 1095-1109.	5.1	129
21	Application of Non-Orthogonal Multiple Access in Cooperative Spectrum-Sharing Networks Over Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 5506-5511.	6.3	129
22	FHCF: A Simple and Efficient Scheduling Scheme for IEEE 802.11e Wireless LAN. Mobile Networks and Applications, 2006, 11, 391-403.	3.3	124
23	Energy-Efficient Resource Allocation for Industrial Cyber-Physical IoT Systems in 5G Era. IEEE Transactions on Industrial Informatics, 2018, 14, 2618-2628.	11.3	119
24	Regulation of nuclear PKA revealed by spatiotemporal manipulation of cyclic AMP. Nature Chemical Biology, 2012, 8, 375-382.	8.0	118
25	Unsupervised Deep Video Hashing via Balanced Code for Large-Scale Video Retrieval. IEEE Transactions on Image Processing, 2019, 28, 1993-2007.	9.8	117
26	Signaling diversity of PKA achieved via a Ca2+-cAMP-PKA oscillatory circuit. Nature Chemical Biology, 2011, 7, 34-40.	8.0	116
27	Industrial Internet of Things Driven by SDN Platform for Smart Grid Resiliency. IEEE Internet of Things Journal, 2019, 6, 267-277.	8.7	111
28	Radio frequency identification: technologies, applications, and research issues. Wireless Communications and Mobile Computing, 2007, 7, 457-472.	1.2	106
29	Nash Bargaining Game Theoretic Scheduling for Joint Channel and Power Allocation in Cognitive Radio Systems. IEEE Journal on Selected Areas in Communications, 2012, 30, 70-81.	14.0	106
30	Deploying Edge Computing Nodes for Large-Scale IoT: A Diversity Aware Approach. IEEE Internet of Things Journal, 2018, 5, 3606-3614.	8.7	105
31	IoT-Driven Automated Object Detection Algorithm for Urban Surveillance Systems in Smart Cities. IEEE Internet of Things Journal, 2018, 5, 747-754.	8.7	103
32	Secure and Privacy-Aware Cloud-Assisted Video Reporting Service in 5G-Enabled Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7868-7881.	6.3	102
33	User mobility aware task assignment for Mobile Edge Computing. Future Generation Computer Systems, 2018, 85, 1-8.	7.5	101
34	Driving with Sharks: Rethinking Connected Vehicles with Vehicle Cybersecurity. IEEE Vehicular Technology Magazine, 2017, 12, 45-51.	3.4	100
35	Adaptive fair channel allocation for QoS enhancement in IEEE 802.11 wireless LANs. , 2004, , .		82
36	Secure and Robust Multi-Constrained QoS Aware Routing Algorithm for VANETs. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 32-45.	5.4	82

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37	Situation-Aware QoS Routing Algorithm for Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5520-5535.	6.3	79
38	Interference-Aware Energy Efficiency Maximization in 5G Ultra-Dense Networks. IEEE Transactions on Communications, 2017, 65, 728-739.	7.8	74
39	WIRELESS BROADBAND ACCESS: WIMAX AND BEYOND - Investigation of Bandwidth Request Mechanisms under Point-to-Multipoint Mode of WiMAX Networks. , 2007, 45, 132-138.		73
40	A GNSS/5G Integrated Positioning Methodology in D2D Communication Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 351-362.	14.0	73
41	Analyzing protein kinase dynamics in living cells with FRET reporters. Methods, 2006, 40, 279-286.	3.8	70
42	Data-Driven Web APIs Recommendation for Building Web Applications. IEEE Transactions on Big Data, 2022, 8, 685-698.	6.1	69
43	Joint Image-Text Hashing for Fast Large-Scale Cross-Media Retrieval Using Self-Supervised Deep Learning. IEEE Transactions on Industrial Electronics, 2019, 66, 9868-9877.	7.9	64
44	A Distributed Position-Based Protocol for Emergency Messages Broadcasting in Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2018, 5, 1218-1227.	8.7	62
45	Multiobjective Optimization in 5G Hybrid Networks. IEEE Internet of Things Journal, 2018, 5, 1588-1597.	8.7	62
46	Link-Layer Capacity of NOMA Under Statistical Delay QoS Guarantees. IEEE Transactions on Communications, 2018, 66, 4907-4922.	7.8	62
47	Effective Capacity Maximization With Statistical Delay and Effective Energy Efficiency Requirements. IEEE Transactions on Wireless Communications, 2015, 14, 3824-3835.	9.2	57
48	Coverage and Handoff Analysis of 5G Fractal Small Cell Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1263-1276.	9.2	57
49	Recent advances in quantum machine learning. Quantum Engineering, 2020, 2, e34.	2.5	57
50	Modeling and analysis of slow CW decrease for IEEE 802.11 WLAN. , 0, , .		56
51	Clustering and Reinforcement-Learning-Based Routing for Cognitive Radio Networks. IEEE Wireless Communications, 2017, 24, 146-151.	9.0	54
52	Robust Multi-Objective Optimization for EE-SE Tradeoff in D2D Communications Underlaying Heterogeneous Networks. IEEE Transactions on Communications, 2018, 66, 4936-4949.	7.8	54
53	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9534-9549.	6.3	53
54	Spectrum and Energy Efficient Resource Allocation With QoS Requirements for Hybrid MC-NOMA 5G Systems. IEEE Access, 2018, 6, 37055-37069.	4.2	51

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55	Energy Efficient Resource Allocation in Hybrid Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 3496-3511.	7.8	51
56	Investigation of routing reliability of vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	50
57	NOMA-Enabled Cooperative Unicastâ€"Multicast: Design and Outage Analysis. IEEE Transactions on Wireless Communications, 2017, 16, 7870-7889.	9.2	49
58	A K-Anonymity Based Schema for Location Privacy Preservation. IEEE Transactions on Sustainable Computing, 2019, 4, 156-167.	3.1	49
59	Enhancing IEEE 802.11 MAC in congested environments. Computer Communications, 2005, 28, 1605-1617.	5.1	48
60	A Scalable User Fairness Model for Adaptive Video Streaming Over SDN-Assisted Future Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2168-2184.	14.0	47
61	On the Energy and Spectral Efficiency Tradeoff in Massive MIMO-Enabled HetNets With Capacity-Constrained Backhaul Links. IEEE Transactions on Communications, 2017, 65, 4720-4733.	7.8	47
62	On the Design of Federated Learning in Latency and Energy Constrained Computation Offloading Operations in Vehicular Edge Computing Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 2041-2057.	6.3	47
63	Investigation of the block ACK scheme in wireless ad hoc networks. Wireless Communications and Mobile Computing, 2006, 6, 877-888.	1.2	46
64	Intelligent Energy Efficient Localization Using Variable Range Beacons in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2016, 12, 2206-2216.	11.3	46
65	SEM-ACSIT: Secure and Efficient Multiauthority Access Control for IoT Cloud Storage. IEEE Internet of Things Journal, 2020, 7, 2914-2927.	8.7	45
66	Energy-Efficient Green Wireless Communication Systems With Imperfect CSI and Data Outage. IEEE Journal on Selected Areas in Communications, 2016, 34, 3108-3126.	14.0	43
67	Anti-Intelligent UAV Jamming Strategy via Deep Q-Networks. IEEE Transactions on Communications, 2020, 68, 569-581.	7.8	43
68	WLC22-4: Efficient Request Mechanism Usage in IEEE 802.16. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	42
69	Power-Efficient Cross-Layer Design for OFDMA Systems With Heterogeneous QoS, Imperfect CSI, and Outage Considerations. IEEE Transactions on Vehicular Technology, 2012, 61, 781-798.	6.3	39
70	Application of reinforcement learning for security enhancement in cognitive radio networks. Applied Soft Computing Journal, 2015, 37, 809-829.	7.2	39
71	Tradeoff Analysis and Joint Optimization of Link-Layer Energy Efficiency and Effective Capacity Toward Green Communications. IEEE Transactions on Wireless Communications, 2016, 15, 3339-3353.	9.2	39
72	Cooperative Communications With Wireless Energy Harvesting Over Nakagami- m Fading Channels. IEEE Transactions on Communications, 2017, 65, 5149-5164.	7.8	39

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73	An offloading method using decentralized P2P-enabled mobile edge servers in edge computing. Journal of Systems Architecture, 2019, 94, 1-13.	4.3	39
74	Energy and Spectrum Efficient Transmission Techniques Under QoS Constraints Toward Green Heterogeneous Networks. IEEE Access, 2015, 3, 1655-1671.	4.2	37
75	Performance Analysis of Contention Based Bandwidth Request Mechanisms in WiMAX Networks. IEEE Systems Journal, 2010, 4, 477-486.	4.6	36
76	Distributed Power Allocation for Nonorthogonal Multiple Access Heterogeneous Networks. IEEE Communications Letters, 2018, 22, 622-625.	4.1	36
77	A Microbial Inspired Routing Protocol for VANETs. IEEE Internet of Things Journal, 2018, 5, 2293-2303.	8.7	36
78	Maximizing Energy Efficiency in Multiuser Multicarrier Broadband Wireless Systems: Convex Relaxation and Global Optimization Techniques. IEEE Transactions on Vehicular Technology, 2016, 65, 5275-5286.	6.3	35
79	Performance Analysis of Relaying Systems With Fixed and Energy Harvesting Batteries. IEEE Transactions on Communications, 2018, 66, 1386-1398.	7.8	35
80	On optimizing backoff counter reservation and classifying stations for the IEEE 802.11 distributed wireless LANs. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 713-722.	5.6	34
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82	On the Spectral-Energy Efficiency and Rate Fairness Tradeoff in Relay-Aided Cooperative OFDMA Systems. IEEE Transactions on Wireless Communications, 2016, 15, 6342-6355.	9.2	34
83	Beamforming optimisation in energy harvesting cooperative full‐duplex networks with self‐energy recycling protocol. IET Communications, 2016, 10, 848-853.	2.2	34
84	3-D Hybrid VLC-RF Indoor IoT Systems With Light Energy Harvesting. IEEE Transactions on Green Communications and Networking, 2019, 3, 853-865.	5.5	34
85	Joint user association and energy-efficient resource allocation with minimum-rate constraints in two-tier HetNets. , 2013, , .		33
86	Resource Allocation for Weighted Sum-Rate Maximization in Multi-User Full-Duplex Device-to-Device Communications: Approaches for Perfect and Statistical CSIs. IEEE Access, 2017, 5, 27229-27241.	4.2	33
87	Cooperative Non-Orthogonal Layered Multicast Multiple Access for Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 1148-1165.	7.8	33
88	Energy and Spectral Efficiency Tradeoff With User Association and Power Coordination in Massive MIMO Enabled HetNets. IEEE Communications Letters, 2016, 20, 2091-2094.	4.1	32
89	6G-Enabled Short-Term Forecasting for Large-Scale Traffic Flow in Massive IoT Based on Time-Aware Locality-Sensitive Hashing. IEEE Internet of Things Journal, 2021, 8, 5321-5331.	8.7	32
90	Energy-Aware Radio Resource Management in D2D-Enabled Multi-Tier HetNets. IEEE Access, 2018, 6, 16610-16622.	4.2	31

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91	Joint Interference Management in Ultra-Dense Small-Cell Networks: A Multi-Domain Coordination Perspective. IEEE Transactions on Communications, 2018, 66, 5470-5481.	7.8	31
92	Robust Transmit Beamforming for SWIPT-Enabled Cooperative NOMA With Channel Uncertainties. IEEE Transactions on Communications, 2019, 67, 4381-4392.	7.8	31
93	Game Theory Based Correlated Privacy Preserving Analysis in Big Data. IEEE Transactions on Big Data, 2017, , 1-1.	6.1	30
94	CoPace: Edge Computation Offloading and Caching for Self-Driving With Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 13281-13293.	6.3	30
95	Sender-adaptive and receiver-driven layered multicast for scalable video over the Internet. IEEE Transactions on Circuits and Systems for Video Technology, 2005, 15, 482-495.	8.3	28
96	Task scheduling with precedence and placement constraints for resource utilization improvement in multi-user MEC environment. Journal of Systems Architecture, 2021, 114, 101970.	4.3	28
97	A Privacy-Preservation Framework Based on Biometrics Blockchain (BBC) to Prevent Attacks in VANET. IEEE Access, 2021, 9, 87299-87309.	4.2	28
98	Energy Efficient Uplink Transmissions in LoRa Networks. IEEE Transactions on Communications, 2020, 68, 4960-4972.	7.8	27
99	Maximum Likelihood Direction-of-Arrival Estimation of Underwater Acoustic Signals Containing Sinusoidal and Random Components. IEEE Transactions on Signal Processing, 2011, 59, 5302-5314.	5.3	26
100	On 3-D Hybrid VLC-RF Systems with Light Energy Harvesting and OMA Scheme over RF Links. , 2017, , .		26
101	Relay Selections for Cooperative Underlay CR Systems With Energy Harvesting. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 358-369.	7.9	26
102	Energy Efficient Resource Allocation in 5G Hybrid Heterogeneous Networks: A Game Theoretic Approach. , 2016, , .		24
103	Dynamic User Grouping and Joint Resource Allocation With Multi-Cell Cooperation for Uplink Virtual MIMO Systems. IEEE Transactions on Wireless Communications, 2017, 16, 3854-3869.	9.2	24
104	Scheduling Congestion- and Loop-Free Network Update in Timed SDNs. IEEE Journal on Selected Areas in Communications, 2017, 35, 2542-2552.	14.0	24
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106	Energy-Efficient Multi-User Mobile-Edge Computation Offloading in Massive MIMO Enabled HetNets. , 2019, , .		23
107	UAV-Aided Wireless Power Transfer and Data Collection in Rician Fading. IEEE Journal on Selected Areas in Communications, 2021, 39, 3097-3113.	14.0	22
108	Resource Optimization in Multi-Tier HetNets Exploiting Multi-Slope Path Loss Model. IEEE Access, 2017, 5, 8714-8726.	4.2	21

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109	Modeling and Analysis of Point-to-Multipoint Millimeter Wave Backhaul Networks. IEEE Transactions on Wireless Communications, 2019, 18, 268-285.	9.2	21
110	A Novel Positioning-Communication Integrated Signal in Wireless Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 1353-1356.	5.0	21
111	A Reinforcement Learning-Based Trust Model for Cluster Size Adjustment Scheme in Distributed Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 28-43.	7.9	21
112	Energy- and Spectral-Efficiency Tradeoff with <inline-formula> <tex-math notation="LaTeX">α</tex-math></inline-formula>-Fairness in Downlink OFDMA Systems. IEEE Communications Letters, 2015, 19, 1265-1268.	4.1	20
113	Efficient, Secure, and Privacy-Preserving PMIPv6 Protocol for V2G Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 19-33.	6.3	20
114	Design and analysis of random multiple access quantum key distribution. Quantum Engineering, 2020, 2, e31.	2.5	20
115	Optimizing Computation Efficiency for NOMA-Assisted Mobile Edge Computing With User Cooperation. IEEE Transactions on Green Communications and Networking, 2021, 5, 858-867.	5.5	20
116	Study on QoS Support in 802.11e-based Multi-hop Vehicular Wireless Ad Hoc Networks. , 2007, , .		18
117	Parallel tracking of cAMP and PKA signaling dynamics in living cells with FRET-based fluorescent biosensors. Molecular BioSystems, 2012, 8, 1435.	2.9	18
118	Impersonation Detection in Line-of-Sight Underwater Acoustic Sensor Networks. IEEE Access, 2018, 6, 44459-44472.	4.2	18
119	A Reliability-Based Routing Scheme for Vehicular Ad Hoc Networks (VANETs) on Highways. , 2012, , .		17
120	A Novel 3D Analytical Scattering Model for Air-to-Ground Fading Channels. Applied Sciences (Switzerland), 2016, 6, 207.	2.5	17
121	Blockchain-based Mobility-aware Offloading mechanism for Fog computing services. Computer Communications, 2020, 164, 261-273.	5.1	17
122	Adaptive VoIP Transmission over Heterogeneous Wired/Wireless Networks. Lecture Notes in Computer Science, 2004, , 25-36.	1.3	17
123	Learning to Be Energy-Efficient in Cooperative Networks. IEEE Communications Letters, 2016, 20, 2518-2521.	4.1	16
124	A Game Theoretical Network-Assisted User-Centric Design for Resource Allocation in 5G Heterogeneous Networks. , 2016, , .		16
125	A Connectivity Enhancement Scheme Based on Link Transformation in IoT Sensing Networks. IEEE Internet of Things Journal, 2017, 4, 2297-2308.	8.7	16
126	Resource Virtualization for Customized Delay- Bounded QoS Provisioning in Uplink VMIMO-SC-FDMA Systems. IEEE Transactions on Communications, 2019, 67, 2951-2967.	7.8	16

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127	User-Pair Selection in Multiuser Cooperative Networks With an Untrusted Relay. IEEE Transactions on Vehicular Technology, 2019, 68, 869-882.	6.3	16
128	Resource Allocation for Latency-Aware Federated Learning in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 8505-8513.	11.3	16
129	Energy Efficient Designs for Communication Systems: Resolutions on Inverse Resource Allocation Principles. IEEE Communications Letters, 2013, 17, 2264-2267.	4.1	15
130	IEEE ACCESS SPECIAL SECTION EDITORIAL: ARTIFICIAL INTELLIGENCE ENABLED NETWORKING. IEEE Access, 2015, 3, 3079-3082.	4.2	15
131	Energy and spectrum efficiency trade-off for Green Small Cell Networks. , 2015, , .		15
132	RL-Budget: A Learning-Based Cluster Size Adjustment Scheme for Cognitive Radio Networks. IEEE Access, 2018, 6, 1055-1072.	4.2	15
133	Resource Cube: Multi-Virtual Resource Management for Integrated Satellite-Terrestrial Industrial IoT Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11963-11974.	6.3	15
134	On Aggregation of Unsupervised Deep Binary Descriptor With Weak Bits. IEEE Transactions on Image Processing, 2020, 29, 9266-9278.	9.8	15
135	Distributed Resource Allocation Assisted by Intercell Interference Mitigation in Downlink Multicell MC DS-CDMA Systems. IEEE Transactions on Wireless Communications, 2017, 16, 1250-1266.	9.2	14
136	Wireless-Powered Cooperative Multi-Relay Systems With Relay Selection. IEEE Access, 2017, 5, 19058-19071.	4.2	14
137	Physical layer authentication under intelligent spoofing in wireless sensor networks. Signal Processing, 2020, 166, 107272.	3.7	14
138	Interference-Aware Resource Optimization for Device-to-Device Communications in 5G Networks. IEEE Access, 2018, 6, 78437-78452.	4.2	13
139	Energy Efficiency Using Cloud Management of LTE Networks Employing Fronthaul and Virtualized Baseband Processing Pool. IEEE Transactions on Cloud Computing, 2019, 7, 403-414.	4.4	13
140	Resolving Multitask Competition for Constrained Resources in Dispersed Computing: A Bilateral Matching Game. IEEE Internet of Things Journal, 2021, 8, 16972-16983.	8.7	13
141	Energy efficiency optimization with energy harvesting using harvest-use approach. , 2015, , .		12
142	Statistical Delay QoS Driven Energy Efficiency and Effective Capacity Tradeoff for Uplink Multi-User Multi-Carrier Systems. IEEE Transactions on Communications, 2017, , 1-1.	7.8	12
143	Secrecy Spectrum and Energy Efficiency Analysis in Massive MIMO-Enabled Multi-Tier Hybrid HetNets. IEEE Transactions on Green Communications and Networking, 2020, 4, 246-262.	5.5	12
144	An unsaturated model for request mechanisms in WiMAX. IEEE Communications Letters, 2010, 14, 45-47.	4.1	11

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145	Self-Adaptive Power Control Mechanism in D2D Enabled Hybrid Cellular Network with mmWave Small Cells: An Optimization Approach. , 2016, , .		11
146	Radio Resource Allocation in Collaborative Cognitive Radio Networks Based on Primary Sensing Profile. IEEE Access, 2018, 6, 50344-50357.	4.2	11
147	Minimizing the Transaction Time Difference for NOMA-Based Mobile Edge Computing. IEEE Communications Letters, 2020, 24, 853-857.	4.1	11
148	Intelligent Multisensor Cooperative Localization Under Cooperative Redundancy Validation. IEEE Transactions on Cybernetics, 2021, 51, 2188-2200.	9.5	11
149	Reservation-based EV charging recommendation concerning charging urgency policy. Sustainable Cities and Society, 2021, 74, 103150.	10.4	11
150	Joint Radio Resource Allocation and Beamforming Optimization for Industrial Internet of Things in Software-Defined Networking-Based Virtual Fog-Radio Access Network 5G-and-Beyond Wireless Environments. IEEE Transactions on Industrial Informatics, 2022, 18, 4198-4209.	11.3	11
151	Dynamic Visualization of Cellular Signaling. , 2009, 119, 79-97.		10
152	5G multimedia massive MIMO communications systems. Wireless Communications and Mobile Computing, 2016, 16, 1377-1388.	1.2	10
153	Hermes: Utility-Aware Network Update in Software-Defined WANs. , 2018, , .		10
154	A secure drone-to-drone communication and software defined drone network-enabled traffic monitoring system. Simulation Modelling Practice and Theory, 2022, 120, 102621.	3.8	10
155	A Selective Delayed Channel Access (SDCA) for the High-Throughput IEEE 802.11n. , 2009, , .		9
156	A new link lifetime estimation method for greedy and contention-based routing in mobile ad hoc networks. Telecommunication Systems, 2014, 55, 421-433.	2.5	9
157	User adaptive QoS aware selection method for cooperative heterogeneous wireless systems: A dynamic contextual approach. Future Generation Computer Systems, 2014, 39, 75-87.	7.5	9
158	Adaptive Management of Cognitive Radio Networks Employing Femtocells. IEEE Systems Journal, 2017, 11, 2687-2698.	4.6	9
159	From Cellular Decision Making to Adaptive Handoff in Heterogeneous Wireless Networks. IEEE Wireless Communications Letters, 2018, 7, 2-5.	5.0	9
160	Delay-QoS-driven spectrum and energy efficiency tradeoff. , 2014, , .		8
161	An exact algorithm for a resource allocation problem in mobile wireless communications. Computational Optimization and Applications, 2017, 68, 193-208.	1.6	8
162	User association in 5G heterogeneous networks exploiting multi-slope path loss model. , 2017, , .		8

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163	Power Interchange Analysis for Reliable Vehicle-to-Grid Connectivity. IEEE Communications Magazine, 2019, 57, 105-111.	6.1	8
164	On indoor visible light communication systems with spatially random receiver. Optics Communications, 2019, 431, 29-38.	2.1	8
165	Towards enhancement of communication systems, networks and applications for smart environment. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1271-1273.	4.9	8
166	User-level fairness delivered: Network resource allocation for adaptive video streaming. , 2015, , .		7
167	Energy efficiency in energy harvesting cooperative networks with self-energy recycling. , 2015, , .		7
168	Mobile Live Video Streaming Optimization via Crowdsourcing Brokerage. IEEE Transactions on Multimedia, 2017, 19, 2267-2281.	7.2	7
169	Big data oriented novel background subtraction algorithm for urban surveillance systems. Big Data Mining and Analytics, 2018, 1, 137-145.	8.9	7
170	Performance Analysis of User Ordering Schemes in Cooperative Power-Domain Non-Orthogonal Multiple Access Network. IEEE Access, 2018, 6, 47319-47331.	4.2	7
171	Maxâ€"Min Weighted Achievable Rate for Full-Duplex MIMO Systems. IEEE Wireless Communications Letters, 2019, 8, 37-40.	5.0	7
172	Stochastic Asymmetric Blotto Game Approach for Wireless Resource Allocation Strategies. IEEE Transactions on Wireless Communications, 2019, 18, 5511-5528.	9.2	7
173	Enabling Cost-Effective Population Health Monitoring By Exploiting Spatiotemporal Correlation. ACM Transactions on Computing for Healthcare, 2021, 2, 1-19.	5.0	7
174	A Markovian Model for the Analysis of Age of Information in IoT Networks. IEEE Wireless Communications Letters, 2021, 10, 1596-1600.	5.0	7
175	Design of quantum neuron model for quantum neural networks. Quantum Engineering, 2021, 3, e75.	2.5	7
176	Cross-Layer Design for Single-Cell OFDMA Systems with Heterogeneous QoS and Partial CSIT. , 2009, , .		6
177	CRS interference cancellation algorithm for heterogeneous network. Electronics Letters, 2016, 52, 77-79.	1.0	6
178	Reordering Webpage Objects for Optimizing Quality-of-Experience. IEEE Access, 2017, 5, 6626-6635.	4.2	6
179	Location Assisted Subcarrier and Power Allocation in Underlay Mobile Cognitive Radio Networks. , 2018, , .		6
180	Interference-Aware Radio Resource Allocation for 5G Ultra-Reliable Low-Latency Communication. , 2018, , .		6

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181	Adaptive contention resolution procedure for emerging WiMAX networks. , 2010, , .		5
182	New Energy Efficiency Metric With Imperfect Channel Considerations for OFDMA Systems. IEEE Wireless Communications Letters, 2014, 3, 473-476.	5.0	5
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184	Sum-Rate Maximization Based Relay Selection for Cooperative NOMA Over Nakagami-m Fading. IEEE Transactions on Vehicular Technology, 2020, , 1-1.	6.3	5
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187	Secure and Reliable Data Transmission in SDN-based Backend Networks of Industrial IoT. , 2020, , .		5
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