

Qiang Ni

List of Publications by Year in descending order

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248
papers

9,212
citations

41344

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all docs

249
docs citations

249
times ranked

8799
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Matrix Polynomial Expansion Detector for Large-Scale MIMO: An Inverse-Transform-Sampling Approach. IEEE Systems Journal, 2023, 17, 258-269.	4.6	1
2	Data-Driven Web APIs Recommendation for Building Web Applications. IEEE Transactions on Big Data, 2022, 8, 685-698.	6.1	69
3	A Novel Data-Driven Approach to Autonomous Fuzzy Clustering. IEEE Transactions on Fuzzy Systems, 2022, 30, 2073-2085.	9.8	4
4	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
5	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
6	Continuous Network Update With Consistency Guaranteed in Software-Defined Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1424-1438.	3.8	2
7	Design and Performance Analysis of Multi-Scale NOMA for Future Communication-Positioning Integration System. IEEE Journal on Selected Areas in Communications, 2022, 40, 1333-1345.	14.0	5
8	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
9	A Novel Wireless Leaf Area Index Sensor Based on a Combined U-Net Deep Learning Model. IEEE Sensors Journal, 2022, 22, 16573-16585.	4.7	1
10	Optimization for Prediction-Driven Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2022, , ,		1
11	Intelligent Multisensor Cooperative Localization Under Cooperative Redundancy Validation. IEEE Transactions on Cybernetics, 2021, 51, 2188-2200.	9.5	11
12	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
13	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
14	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
15	A Privacy-Preservation Framework Based on Biometrics Blockchain (BBC) to Prevent Attacks in VANET. IEEE Access, 2021, 9, 87299-87309.	4.2	28
16	A Low-Latency Interference Coordinated Routing for Wireless Multi-Hop Networks. IEEE Sensors Journal, 2021, 21, 8679-8690.	4.7	5
17	Enabling Cost-Effective Population Health Monitoring By Exploiting Spatiotemporal Correlation. ACM Transactions on Computing for Healthcare, 2021, 2, 1-19.	5.0	7
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Cooperative Localization Based Interference Avoidance in Cognitive Radio Networks. , 2021, , .		0
21	Joint User Pairing and Resource Allocation for SWIPT-Enabled Cooperative D2D Communications. , 2021, , .		2
22	A Markovian Model for the Analysis of Age of Information in IoT Networks. IEEE Wireless Communications Letters, 2021, 10, 1596-1600.	5.0	7
23	Quantum-Driven Energy-Efficiency Optimization for Next-Generation Communications Systems. Energies, 2021, 14, 4090.	3.1	5
24	SANCUS: Multi-layers Vulnerability Management Framework for Cloud-native 5G networks. , 2021, , .		1
25	Design of quantum neuron model for quantum neural networks. Quantum Engineering, 2021, 3, e75.	2.5	7
26	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
27	Reservation-based EV charging recommendation concerning charging urgency policy. Sustainable Cities and Society, 2021, 74, 103150.	10.4	11
28	Resource Allocation for Latency-Aware Federated Learning in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 8505-8513.	11.3	16
29	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
30	Cognitive computing and wireless communications on the edge for healthcare service robots. Computer Communications, 2020, 149, 99-106.	5.1	170
31	A heuristic for fair dynamic resource allocation in overloaded OFDMA systems. Journal of Heuristics, 2020, 26, 21-32.	1.4	1
32	Physical layer authentication under intelligent spoofing in wireless sensor networks. Signal Processing, 2020, 166, 107272.	3.7	14
33	SEM-ACSIT: Secure and Efficient Multiauthority Access Control for IoT Cloud Storage. IEEE Internet of Things Journal, 2020, 7, 2914-2927.	8.7	45
34	Anti-Intelligent UAV Jamming Strategy via Deep Q-Networks. IEEE Transactions on Communications, 2020, 68, 569-581.	7.8	43
35	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
36	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

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37	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
38	Extreme Values of Trilateration Localization Error in Wireless Communication Systems. , 2020, , .		1
39	On Aggregation of Unsupervised Deep Binary Descriptor With Weak Bits. IEEE Transactions on Image Processing, 2020, 29, 9266-9278.	9.8	15
40	Sum-Rate Maximization Based Relay Selection for Cooperative NOMA Over Nakagami-m Fading. IEEE Transactions on Vehicular Technology, 2020, , 1-1.	6.3	5
41	Spectral Efficiency of Dynamic Licensed Shared Access. IEEE Transactions on Vehicular Technology, 2020, 69, 15149-15161.	6.3	1
42	Blockchain-based Mobility-aware Offloading mechanism for Fog computing services. Computer Communications, 2020, 164, 261-273.	5.1	17
43	Bi-perspective functions for mixed-integer fractional programs with indicator variables. Mathematical Programming, 2020, 190, 39.	2.4	0
44	Recent advances in quantum machine learning. Quantum Engineering, 2020, 2, e34.	2.5	57
45	Design and analysis of random multiple access quantum key distribution. Quantum Engineering, 2020, 2, e31.	2.5	20
46	Minimizing the Transaction Time Difference for NOMA-Based Mobile Edge Computing. IEEE Communications Letters, 2020, 24, 853-857.	4.1	11
47	Energy Efficient Uplink Transmissions in LoRa Networks. IEEE Transactions on Communications, 2020, 68, 4960-4972.	7.8	27
48	Long-range millimetre wave wireless links enabled by travelling wave tubes and resonant tunnelling diodes. IET Microwaves, Antennas and Propagation, 2020, 14, 2110-2114.	1.4	2
49	Secure and Reliable Data Transmission in SDN-based Backend Networks of Industrial IoT. , 2020, , .		5
50	Max-Min Weighted Achievable Rate for Full-Duplex MIMO Systems. IEEE Wireless Communications Letters, 2019, 8, 37-40.	5.0	7
51	Outage Constrained Robust Beamforming Design for SWIPT-Enabled Cooperative NOMA System. , 2019, , .		1
52	Power Interchange Analysis for Reliable Vehicle-to-Grid Connectivity. IEEE Communications Magazine, 2019, 57, 105-111.	6.1	8
53	Energy-Efficient Multi-User Mobile-Edge Computation Offloading in Massive MIMO Enabled HetNets. , 2019, , .		23
54	Stochastic Asymmetric Blotto Game Approach for Wireless Resource Allocation Strategies. IEEE Transactions on Wireless Communications, 2019, 18, 5511-5528.	9.2	7

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55	Effective Secrecy Rate for a Downlink NOMA Network. IEEE Transactions on Wireless Communications, 2019, 18, 5673-5690.	9.2	24
56	An offloading method using decentralized P2P-enabled mobile edge servers in edge computing. Journal of Systems Architecture, 2019, 94, 1-13.	4.3	39
57	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
58	Energy Efficient Resource Allocation in Hybrid Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 3496-3511.	7.8	51
59	Modeling and Analysis of Point-to-Multipoint Millimeter Wave Backhaul Networks. IEEE Transactions on Wireless Communications, 2019, 18, 268-285.	9.2	21
60	A Novel Positioning-Communication Integrated Signal in Wireless Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 1353-1356.	5.0	21
61	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
62	Robust Transmit Beamforming for SWIPT-Enabled Cooperative NOMA With Channel Uncertainties. IEEE Transactions on Communications, 2019, 67, 4381-4392.	7.8	31
63	Relay Selections for Cooperative Underlay CR Systems With Energy Harvesting. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 358-369.	7.9	26
64	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
65	An Analytical Model of Trilateration Localization Error. , 2019, , .		2
66	Weighted Tradeoff Between Spectral Efficiency and Energy Efficiency in Energy Harvesting Systems. , 2019, , .		4
67	Long range millimeter wave wireless links enabled by traveling wave tubes and resonant tunnelling diodes. , 2019, , .		3
68	On the Achievable Energy Efficiency in Dynamic Licensed Shared Access. , 2019, , .		0
69	Quantum Automated Object Detection Algorithm. , 2019, , .		0
70	On the Spectrum and Energy Efficiency in Dynamic Licensed Shared Access Systems: A Multiobjective Optimization Approach. IEEE Access, 2019, 7, 164517-164532.	4.2	2
71	On indoor visible light communication systems with spatially random receiver. Optics Communications, 2019, 431, 29-38.	2.1	8
72	Unsupervised Deep Video Hashing via Balanced Code for Large-Scale Video Retrieval. IEEE Transactions on Image Processing, 2019, 28, 1993-2007.	9.8	117

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73	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
74	User-Pair Selection in Multiuser Cooperative Networks With an Untrusted Relay. IEEE Transactions on Vehicular Technology, 2019, 68, 869-882.	6.3	16
75	Coverage and Handoff Analysis of 5G Fractal Small Cell Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1263-1276.	9.2	57
76	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
77	Cooperative Non-Orthogonal Layered Multicast Multiple Access for Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 1148-1165.	7.8	33
78	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
79	Efficient, Secure, and Privacy-Preserving PMIPv6 Protocol for V2G Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 19-33.	6.3	20
80	A K-Anonymity Based Schema for Location Privacy Preservation. IEEE Transactions on Sustainable Computing, 2019, 4, 156-167.	3.1	49
81	Industrial Internet of Things Driven by SDN Platform for Smart Grid Resiliency. IEEE Internet of Things Journal, 2019, 6, 267-277.	8.7	111
82	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
83	Performance Analysis of Relaying Systems With Fixed and Energy Harvesting Batteries. IEEE Transactions on Communications, 2018, 66, 1386-1398.	7.8	35
84	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
85	Big data oriented novel background subtraction algorithm for urban surveillance systems. Big Data Mining and Analytics, 2018, 1, 137-145.	8.9	7
86	User mobility aware task assignment for Mobile Edge Computing. Future Generation Computer Systems, 2018, 85, 1-8.	7.5	101
87	Deploying Edge Computing Nodes for Large-Scale IoT: A Diversity Aware Approach. IEEE Internet of Things Journal, 2018, 5, 3606-3614.	8.7	105
88	Distributed Power Allocation for Nonorthogonal Multiple Access Heterogeneous Networks. IEEE Communications Letters, 2018, 22, 622-625.	4.1	36
89	Multiobjective Optimization in 5G Hybrid Networks. IEEE Internet of Things Journal, 2018, 5, 1588-1597.	8.7	62
90	Drone-Aided Communication as a Key Enabler for 5G and Resilient Public Safety Networks. IEEE Communications Magazine, 2018, 56, 36-42.	6.1	199

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91	RL-Budget: A Learning-Based Cluster Size Adjustment Scheme for Cognitive Radio Networks. IEEE Access, 2018, 6, 1055-1072.	4.2	15
92	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
93	A GNSS/5G Integrated Positioning Methodology in D2D Communication Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 351-362.	14.0	73
94	Energy-Aware Radio Resource Management in D2D-Enabled Multi-Tier HetNets. IEEE Access, 2018, 6, 16610-16622.	4.2	31
95	Secure MISO-NOMA Transmission With Artificial Noise. IEEE Transactions on Vehicular Technology, 2018, 67, 6700-6705.	6.3	135
96	Optimal Epidemic Information Dissemination in Uncertain Dynamic Environment. IEEE Wireless Communications Letters, 2018, 7, 518-521.	5.0	0
97	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
98	From Cellular Decision Making to Adaptive Handoff in Heterogeneous Wireless Networks. IEEE Wireless Communications Letters, 2018, 7, 2-5.	5.0	9
99	A Microbial Inspired Routing Protocol for VANETs. IEEE Internet of Things Journal, 2018, 5, 2293-2303.	8.7	36
100	Low Latency Driven Effective Capacity Analysis for Non-Orthogonal and Orthogonal Spectrum Access. , 2018, , .		2
101	Location Assisted Subcarrier and Power Allocation in Underlay Mobile Cognitive Radio Networks. , 2018, , .		6
102	Interference-Aware Radio Resource Allocation for 5G Ultra-Reliable Low-Latency Communication. , 2018, , .		6
103	Cooperative NOMA for Wireless Layered Multicast. , 2018, , .		2
104	Joint Antenna and User Selection for Untrusted Relay Networks. , 2018, , .		0
105	Hermes: Utility-Aware Network Update in Software-Defined WANs. , 2018, , .		10
106	Interference-Aware Resource Optimization for Device-to-Device Communications in 5G Networks. IEEE Access, 2018, 6, 78437-78452.	4.2	13
107	Radio Resource Allocation in Collaborative Cognitive Radio Networks Based on Primary Sensing Profile. IEEE Access, 2018, 6, 50344-50357.	4.2	11
108	Enabling radioprotection capabilities in next generation wireless communication systems: An ecological green approach. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3488.	3.9	0

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109	Link-Layer Capacity of NOMA Under Statistical Delay QoS Guarantees. IEEE Transactions on Communications, 2018, 66, 4907-4922.	7.8	62
110	Robust Multi-Objective Optimization for EE-SE Tradeoff in D2D Communications Underlying Heterogeneous Networks. IEEE Transactions on Communications, 2018, 66, 4936-4949.	7.8	54
111	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
112	Spectrum and Energy Efficient Resource Allocation With QoS Requirements for Hybrid MC-NOMA 5G Systems. IEEE Access, 2018, 6, 37055-37069.	4.2	51
113	A Heuristic for Maximising Energy Efficiency in an OFDMA System Subject to QoS Constraints. Lecture Notes in Computer Science, 2018, , 303-312.	1.3	3
114	Performance Analysis of User Ordering Schemes in Cooperative Power-Domain Non-Orthogonal Multiple Access Network. IEEE Access, 2018, 6, 47319-47331.	4.2	7
115	Impersonation Detection in Line-of-Sight Underwater Acoustic Sensor Networks. IEEE Access, 2018, 6, 44459-44472.	4.2	18
116	Adaptive Management of Cognitive Radio Networks Employing Femtocells. IEEE Systems Journal, 2017, 11, 2687-2698.	4.6	9
117	Statistical CSIT Aided User Scheduling for Broadcast MU-MISO System. IEEE Transactions on Vehicular Technology, 2017, 66, 6102-6114.	6.3	5
118	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
119	Energy-Aware User Association in Energy-Cooperation Enabled HetNets. , 2017, , .		2
120	Resource Optimization in Multi-Tier HetNets Exploiting Multi-Slope Path Loss Model. IEEE Access, 2017, 5, 8714-8726.	4.2	21
121	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
122	An exact algorithm for a resource allocation problem in mobile wireless communications. Computational Optimization and Applications, 2017, 68, 193-208.	1.6	8
123	Game Theory Based Correlated Privacy Preserving Analysis in Big Data. IEEE Transactions on Big Data, 2017, , 1-1.	6.1	30
124	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9534-9549.	6.3	53
125	Reordering Webpage Objects for Optimizing Quality-of-Experience. IEEE Access, 2017, 5, 6626-6635.	4.2	6
126	Driving with Sharks: Rethinking Connected Vehicles with Vehicle Cybersecurity. IEEE Vehicular Technology Magazine, 2017, 12, 45-51.	3.4	100

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127	User association in 5G heterogeneous networks exploiting multi-slope path loss model. , 2017, , .		8
128	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
129	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
130	Interference-Aware Energy Efficiency Maximization in 5G Ultra-Dense Networks. IEEE Transactions on Communications, 2017, 65, 728-739.	7.8	74
131	Wireless-Powered Cooperative Multi-Relay Systems With Relay Selection. IEEE Access, 2017, 5, 19058-19071.	4.2	14
132	NOMA-Enabled Cooperative Unicastâ€“Multicast: Design and Outage Analysis. IEEE Transactions on Wireless Communications, 2017, 16, 7870-7889.	9.2	49
133	A Connectivity Enhancement Scheme Based on Link Transformation in IoT Sensing Networks. IEEE Internet of Things Journal, 2017, 4, 2297-2308.	8.7	16
134	Clustering and Reinforcement-Learning-Based Routing for Cognitive Radio Networks. IEEE Wireless Communications, 2017, 24, 146-151.	9.0	54
135	Cooperative Communications With Wireless Energy Harvesting Over Nakagami- m Fading Channels. IEEE Transactions on Communications, 2017, 65, 5149-5164.	7.8	39
136	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
137	Mobile Live Video Streaming Optimization via Crowdsourcing Brokerage. IEEE Transactions on Multimedia, 2017, 19, 2267-2281.	7.2	7
138	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
139	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
140	On 3-D Hybrid VLC-RF Systems with Light Energy Harvesting and OMA Scheme over RF Links. , 2017, , .		26
141	A General Framework for Spectral Efficiency, Energy Efficiency and Delay Tradeoff in D2D Networks. , 2017, , .		4
142	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
143	Scheduling Congestion- and Loop-Free Network Update in Timed SDNs. IEEE Journal on Selected Areas in Communications, 2017, 35, 2542-2552.	14.0	24
144	A Novel 3D Analytical Scattering Model for Air-to-Ground Fading Channels. Applied Sciences (Switzerland), 2016, 6, 207.	2.5	17

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145	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
146	Self-Adaptive Power Control Mechanism in D2D Enabled Hybrid Cellular Network with mmWave Small Cells: An Optimization Approach. , 2016, , .		11
147	Energy Efficient Resource Allocation in 5G Hybrid Heterogeneous Networks: A Game Theoretic Approach. , 2016, , .		24
148	Outage analysis on wireless powered cooperative systems with spatially random relays and finite energy storage over Rayleigh fading channels. , 2016, , .		1
149	Pilot optimization in multicell massive MIMO. , 2016, , .		2
150	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
151	Novel Intercell Interference Mitigation Algorithms for Multicell OFDMA Systems with Limited Base Station Cooperation. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	2
152	Beamforming optimisation in energy harvesting cooperative full-duplex networks with self-energy recycling protocol. IET Communications, 2016, 10, 848-853.	2.2	34
153	5G multimedia massive MIMO communications systems. Wireless Communications and Mobile Computing, 2016, 16, 1377-1388.	1.2	10
154	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
155	Learning to Be Energy-Efficient in Cooperative Networks. IEEE Communications Letters, 2016, 20, 2518-2521.	4.1	16
156	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
157	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
158	Cooperative Non-Orthogonal Multiple Access in Cognitive Radio. IEEE Communications Letters, 2016, 20, 2059-2062.	4.1	150
159	Beamforming optimization for full-duplex cooperative cognitive radio networks. , 2016, , .		0
160	Combined Cloud: A Mixture of Voluntary Cloud and Reserved Instance Marketplace. Journal of Computer Science and Technology, 2016, 31, 1110-1123.	1.5	3
161	A Game Theoretical Network-Assisted User-Centric Design for Resource Allocation in 5G Heterogeneous Networks. , 2016, , .		16
162	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

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163	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
164	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
165	CRS interference cancellation algorithm for heterogeneous network. Electronics Letters, 2016, 52, 77-79.	1.0	6
166	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
167	Energy-Efficient Location Estimation Using Variable Range Beacons in Wireless Sensor Networks. , 2015, , .		1
168	Weighted tradeoff between effective capacity and energy efficiency. , 2015, , .		3
169	User-level fairness delivered: Network resource allocation for adaptive video streaming. , 2015, , .		7
170	Inter-cell collaborative spectrum monitoring for cognitive cellular networks in fading environment. , 2015, , .		1
171	Throughput and backhaul energy efficiency analysis in two-tier HetNets: A multiobjective approach. , 2015, , .		1
172	IEEE ACCESS SPECIAL SECTION EDITORIAL: ARTIFICIAL INTELLIGENCE ENABLED NETWORKING. IEEE Access, 2015, 3, 3079-3082.	4.2	15
173	Energy efficiency in energy harvesting cooperative networks with self-energy recycling. , 2015, , .		7
174	Horizon 2020 TWEETHER project for W-band high data rate wireless communications. , 2015, , .		3
175	5G Communications Race: Pursuit of More Capacity Triggers LTE in Unlicensed Band. IEEE Vehicular Technology Magazine, 2015, 10, 43-51.	3.4	176
176	Energy- and Spectral-Efficiency Tradeoff with α -Fairness in Downlink OFDMA Systems. IEEE Communications Letters, 2015, 19, 1265-1268.	4.1	20
177	Situation-Aware QoS Routing Algorithm for Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5520-5535.	6.3	79
178	Application of reinforcement learning for security enhancement in cognitive radio networks. Applied Soft Computing Journal, 2015, 37, 809-829.	7.2	39
179	Energy and Spectrum Efficient Transmission Techniques Under QoS Constraints Toward Green Heterogeneous Networks. IEEE Access, 2015, 3, 1655-1671.	4.2	37
180	A cell specific reference signal interference cancellation scheme for LTE cellular access systems. , 2015, , .		2

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181	Energy and spectrum efficiency trade-off for Green Small Cell Networks. , 2015, , .		15
182	Effective Capacity Maximization With Statistical Delay and Effective Energy Efficiency Requirements. IEEE Transactions on Wireless Communications, 2015, 14, 3824-3835.	9.2	57
183	Multi-carrier link-layer energy efficiency and effective capacity tradeoff. , 2015, , .		3
184	Energy efficiency optimization with energy harvesting using harvest-use approach. , 2015, , .		12
185	Multimedia over massive MIMO wireless systems. , 2015, , .		4
186	Delay-QoS-driven spectrum and energy efficiency tradeoff. , 2014, , .		8
187	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
188	New Energy Efficiency Metric With Imperfect Channel Considerations for OFDMA Systems. IEEE Wireless Communications Letters, 2014, 3, 473-476.	5.0	5
189	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
190	Investigation of routing reliability of vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	50
191	Energy Efficient Designs for Communication Systems: Resolutions on Inverse Resource Allocation Principles. IEEE Communications Letters, 2013, 17, 2264-2267.	4.1	15
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