Victor C M Leung

List of Publications by Year
in descending order

1,231 papers	38,202 citations	3731 89 h-index	8630 146 g-index
1251 all docs	1251 docs citations	1251 times ranked	25483 citing authors

#	Article	IF	Citations
1	Body Area Networks: A Survey. Mobile Networks and Applications, 2011, 16, 171-193.	3.3	1,068
2	Cache in the air: exploiting content caching and delivery techniques for 5G systems. , 2014, 52, 131-139.		920
3	Convergence of Edge Computing and Deep Learning: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 869-904.	39.4	776
4	Network Slicing Based 5G and Future Mobile Networks: Mobility, Resource Management, and Challenges. IEEE Communications Magazine, 2017, 55, 138-145.	6.1	622
5	Blockchain-Based Decentralized Trust Management in Vehicular Networks. IEEE Internet of Things Journal, 2019, 6, 1495-1505.	8.7	610
6	Electricity Theft Detection in AMI Using Customers' Consumption Patterns. IEEE Transactions on Smart Grid, 2016, 7, 216-226.	9.0	524
7	Wireless energy harvesting for the Internet of Things. , 2015, 53, 102-108.		511
8	SOVCAN: Safety-Oriented Vehicular Controller Area Network. IEEE Communications Magazine, 2017, 55, 94-99.	6.1	492
9	In-Band Full-Duplex Relaying: A Survey, Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2015, 17, 500-524.	39.4	427
10	Enabling technologies for wireless body area networks: A survey and outlook. , 2009, 47, 84-93.		422
11	Green Internet of Things for Smart World. IEEE Access, 2015, 3, 2151-2162.	4.2	409
12	Energy-Efficient Resource Allocation for Downlink Non-Orthogonal Multiple Access Network. IEEE Transactions on Communications, 2016, 64, 3722-3732.	7.8	400
13	Energy Efficient User Association and Power Allocation in Millimeter-Wave-Based Ultra Dense Networks With Energy Harvesting Base Stations. IEEE Journal on Selected Areas in Communications, 2017, 35, 1936-1947.	14.0	350
14	Extreme Learning Machines [Trends & Controversies]. IEEE Intelligent Systems, 2013, 28, 30-59.	4.0	329
15	Software-Defined Networks with Mobile Edge Computing and Caching for Smart Cities: A Big Data Deep Reinforcement Learning Approach. , 2017, 55, 31-37.		295
16	Decentralized Applications: The Blockchain-Empowered Software System. IEEE Access, 2018, 6, 53019-53033.	4.2	282
17	Enabling Massive IoT Toward 6G: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 11891-11915.	8.7	282
18	A Survey on Security Threats and Defensive Techniques of Machine Learning: A Data Driven View. IEEE Access, 2018, 6, 12103-12117.	4.2	274

#	Article	IF	Citations
19	UAV Trajectory Optimization for Data Offloading at the Edge of Multiple Cells. IEEE Transactions on Vehicular Technology, 2018, 67, 6732-6736.	6.3	270
20	Performance Optimization for Blockchain-Enabled Industrial Internet of Things (IIoT) Systems: A Deep Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 3559-3570.	11.3	253
21	Recent Advances in Industrial Wireless Sensor Networks Toward Efficient Management in IoT. IEEE Access, 2015, 3, 622-637.	4.2	251
22	Improving physical-layer security in wireless communications using diversity techniques. IEEE Network, 2015, 29, 42-48.	6.9	241
23	A Survey of Recent Developments in Home M2M Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 98-114.	39.4	234
24	Deep-Reinforcement-Learning-Based Optimization for Cache-Enabled Opportunistic Interference Alignment Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10433-10445.	6.3	233
25	A Survey of Security Challenges in Cognitive Radio Networks: Solutions and Future Research Directions. Proceedings of the IEEE, 2012, 100, 3172-3186.	21.3	226
26	Joint User Scheduling and Power Allocation Optimization for Energy-Efficient NOMA Systems With Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2017, 35, 2874-2885.	14.0	226
27	Federated Deep Reinforcement Learning for Internet of Things With Decentralized Cooperative Edge Caching. IEEE Internet of Things Journal, 2020, 7, 9441-9455.	8.7	220
28	Fronthauling for 5G LTE-U Ultra Dense Cloud Small Cell Networks. IEEE Wireless Communications, 2016, 23, 48-53.	9.0	209
29	An Efficient Computation Offloading Management Scheme in the Densely Deployed Small Cell Networks With Mobile Edge Computing. IEEE/ACM Transactions on Networking, 2018, 26, 2651-2664.	3.8	203
30	Automated network selection in a heterogeneous wireless network environment. IEEE Network, 2007, 21, 34-40.	6.9	200
31	Biomedical applications of nanofibers. Polymers for Advanced Technologies, 2011, 22, 350-365.	3.2	196
32	Computation Offloading and Content Caching in Wireless Blockchain Networks With Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2018, 67, 11008-11021.	6.3	193
33	Applications and design issues for mobile agents in wireless sensor networks. IEEE Wireless Communications, 2007, 14, 20-26.	9.0	184
34	Distributed Resource Allocation in Blockchain-Based Video Streaming Systems With Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2019, 18, 695-708.	9.2	182
35	Developing IoT applications in the Fog: A Distributed Dataflow approach. , 2015, , .		180
36	Green Full-Duplex Self-Backhaul and Energy Harvesting Small Cell Networks With Massive MIMO. IEEE Journal on Selected Areas in Communications, 2016, 34, 3709-3724.	14.0	178

#	Article	IF	Citations
37	Clustering Approach Based on Mini Batch Kmeans for Intrusion Detection System Over Big Data. IEEE Access, 2018, 6, 11897-11906.	4.2	177
38	Dynamic frequency allocation in fractional frequency reused OFDMA networks. IEEE Transactions on Wireless Communications, 2009, 8, 4286-4295.	9.2	175
39	Cooperative interference mitigation and handover management for heterogeneous cloud small cell networks. IEEE Wireless Communications, 2015, 22, 92-99.	9.0	169
40	Blockchain and Machine Learning for Communications and Networking Systems. IEEE Communications Surveys and Tutorials, 2020, 22, 1392-1431.	39.4	167
41	Interference Alignment and Its Applications: A Survey, Research Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 1779-1803.	39.4	163
42	Vehicular telematics over heterogeneous wireless networks: A survey. Computer Communications, 2010, 33, 775-793.	5.1	161
43	Opportunistic communications in interference alignment networks with wireless power transfer. IEEE Wireless Communications, 2015, 22, 88-95.	9.0	161
44	Efficient Authentication and Key Management Mechanisms for Smart Grid Communications. IEEE Systems Journal, 2014, 8, 629-640.	4.6	158
45	Directional geographical routing for real-time video communications in wireless sensor networks. Computer Communications, 2007, 30, 3368-3383.	5.1	156
46	Dynamic Resource Prediction and Allocation for Cloud Data Center Using the Multiobjective Genetic Algorithm. IEEE Systems Journal, 2018, 12, 1688-1699.	4.6	151
47	Context-Awareness for Mobile Sensing: A Survey and Future Directions. IEEE Communications Surveys and Tutorials, 2016, 18, 68-93.	39.4	150
48	Vita: A Crowdsensing-Oriented Mobile Cyber-Physical System. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 148-165.	4.6	146
49	A Survey on Mobile Social Networks: Applications, Platforms, System Architectures, and Future Research Directions. IEEE Communications Surveys and Tutorials, 2015, 17, 1557-1581.	39.4	146
50	Downlink Energy Efficiency of Power Allocation and Wireless Backhaul Bandwidth Allocation in Heterogeneous Small Cell Networks. IEEE Transactions on Communications, 2018, 66, 1705-1716.	7.8	145
51	A Survey on Mobile Data Offloading Technologies. IEEE Access, 2018, 6, 5101-5111.	4.2	144
52	CAP: community activity prediction based on big data analysis. IEEE Network, 2014, 28, 52-57.	6.9	139
53	Artificial Intelligence-Based Techniques for Emerging Heterogeneous Network: State of the Arts, Opportunities, and Challenges. IEEE Access, 2015, 3, 1379-1391.	4.2	133
54	Social Sensor Cloud: Framework, Greenness, Issues, and Outlook. IEEE Network, 2018, 32, 100-105.	6.9	133

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55	Energy Efficient Cooperative Computing in Mobile Wireless Sensor Networks. IEEE Transactions on Cloud Computing, 2018, 6, 114-126.	4.4	132
56	A Survey on Cloud Gaming: Future of Computer Games. IEEE Access, 2016, 4, 7605-7620.	4.2	131
57	Energy Efficient Tag Identification Algorithms For RFID: Survey, Motivation And New Design. IEEE Wireless Communications, 2019, 26, 118-124.	9.0	131
58	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks. IEEE Wireless Communications, 2018, 25, 48-53.	9.0	130
59	Secure Resource Allocation for OFDMA Two-Way Relay Wireless Sensor Networks Without and With Cooperative Jamming. IEEE Transactions on Industrial Informatics, 2016, 12, 1714-1725.	11.3	129
60	D2D Big Data: Content Deliveries over Wireless Device-to-Device Sharing in Large-Scale Mobile Networks. IEEE Wireless Communications, 2018, 25, 32-38.	9.0	128
61	A 2G-RFID-based e-healthcare system. IEEE Wireless Communications, 2010, 17, 37-43.	9.0	127
62	Physical layer security issues in interference- alignment-based wireless networks. , 2016, 54, 162-168.		125
63	Adaptive Resource Allocation in Future Wireless Networks With Blockchain and Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2020, 19, 1689-1703.	9.2	123
64	Fog Radio Access Networks: Mobility Management, Interference Mitigation, and Resource Optimization. IEEE Wireless Communications, 2017, 24, 120-127.	9.0	122
65	Trust-Based Communication for the Industrial Internet of Things. , 2018, 56, 16-22.		121
66	Sensing Time Optimization and Power Control for Energy Efficient Cognitive Small Cell With Imperfect Hybrid Spectrum Sensing. IEEE Transactions on Wireless Communications, 2017, 16, 730-743.	9.2	119
67	Optimization or Alignment: Secure Primary Transmission Assisted by Secondary Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 905-917.	14.0	118
68	Mobile Agent Based Wireless Sensor Networks. Journal of Computers, 2006, 1, .	0.4	117
69	An Asymmetric Double Sided Two-Way Ranging for Crystal Offset. , 2007, , .		116
70	Multidimensional context-aware social network architecture for mobile crowdsensing. , 2014, 52, 78-87.		116
71	Resource Allocation for Ultra-Dense Networks: A Survey, Some Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 2134-2168.	39.4	113
72	Delay-Optimal Virtualized Radio Resource Scheduling in Software-Defined Vehicular Networks via Stochastic Learning. IEEE Transactions on Vehicular Technology, 2016, 65, 7857-7867.	6.3	112

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73	Secure Communications in NOMA System: Subcarrier Assignment and Power Allocation. IEEE Journal on Selected Areas in Communications, 2018, 36, 1441-1452.	14.0	111
74	Joint Resource Allocation for Latency-Sensitive Services Over Mobile Edge Computing Networks With Caching. IEEE Internet of Things Journal, 2019, 6, 4283-4294.	8.7	110
75	Cross-Layer Design for TCP Performance Improvement in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 2485-2495.	6.3	109
76	A Dynamic Graph-Based Scheduling and Interference Coordination Approach in Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 3735-3748.	6.3	108
77	Partial Computation Offloading and Adaptive Task Scheduling for 5G-Enabled Vehicular Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1319-1333.	5.8	108
78	Deep Reinforcement Learning for Energy-Efficient Computation Offloading in Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 1517-1530.	8.7	108
79	Exploiting Interference for Energy Harvesting: A Survey, Research Issues, and Challenges. IEEE Access, 2017, 5, 10403-10421.	4.2	107
80	Mobile Agent-Based Directed Diffusion in Wireless Sensor Networks. Eurasip Journal on Advances in Signal Processing, 2006, 2007, 1.	1.7	106
81	Distributed Resource Allocation and Computation Offloading in Fog and Cloud Networks With Non-Orthogonal Multiple Access. IEEE Transactions on Vehicular Technology, 2018, 67, 12137-12151.	6.3	105
82	Hybrid Geographic Routing for Flexible Energyâ€"Delay Tradeoff. IEEE Transactions on Vehicular Technology, 2009, 58, 4976-4988.	6.3	104
83	Wireless energy harvesting in interference alignment networks. , 2015, 53, 72-78.		104
84	A blockchain-based reputation system for data credibility assessment in vehicular networks. , 2017, , .		104
85	Energy Efficient User Clustering, Hybrid Precoding and Power Optimization in Terahertz MIMO-NOMA Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2074-2085.	14.0	104
86	Mobility-based predictive call admission control and bandwidth reservation in wireless cellular networks. Computer Networks, 2002, 38, 577-589.	5.1	103
87	AMES-Cloud: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in the Clouds. IEEE Transactions on Multimedia, 2013, 15, 811-820.	7.2	103
88	Novel biomimetic hydroxyapatite/alginate nanocomposite fibrous scaffolds for bone tissue regeneration. Journal of Materials Science: Materials in Medicine, 2013, 24, 1885-1894.	3.6	103
89	Energy Efficient Dynamic Resource Optimization in NOMA System. IEEE Transactions on Wireless Communications, 2018, 17, 5671-5683.	9.2	102
90	A Distributed Computation Offloading Strategy in Small-Cell Networks Integrated With Mobile Edge Computing. IEEE/ACM Transactions on Networking, 2018, 26, 2762-2773.	3.8	99

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91	Predicting Temporal Social Contact Patterns for Data Forwarding in Opportunistic Mobile Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10372-10383.	6.3	98
92	Hierarchical Edge Caching in Device-to-Device Aided Mobile Networks: Modeling, Optimization, and Design. IEEE Journal on Selected Areas in Communications, 2018, 36, 1768-1785.	14.0	98
93	Collaborative Multi-Tier Caching in Heterogeneous Networks: Modeling, Analysis, and Design. IEEE Transactions on Wireless Communications, 2017, 16, 6926-6939.	9.2	97
94	Power Control Based on Deep Reinforcement Learning for Spectrum Sharing. IEEE Transactions on Wireless Communications, 2020, 19, 4209-4219.	9.2	97
95	Full-Duplex Non-Orthogonal Multiple Access in Cooperative Relay Sharing for 5G Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 5831-5840.	6.3	96
96	A Novel Sensory Data Processing Framework to Integrate Sensor Networks With Mobile Cloud. IEEE Systems Journal, 2016, 10, 1125-1136.	4.6	94
97	Communications, caching, and computing oriented small cell networks with interference alignment. , 2016, 54, 29-35.		93
98	Artificial Noise Assisted Secure Interference Networks With Wireless Power Transfer. IEEE Transactions on Vehicular Technology, 2018, 67, 1087-1098.	6.3	93
99	Connectivity-aware minimum-delay geographic routing with vehicle tracking in VANETs. Ad Hoc Networks, 2011, 9, 131-141.	5.5	92
100	An Edge Computing Empowered Radio Access Network with UAV-Mounted FSO Fronthaul and Backhaul: Key Challenges and Approaches. IEEE Wireless Communications, 2018, 25, 154-160.	9.0	92
101	Mobility Support for Health Monitoring at Home Using Wearable Sensors. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 539-549.	3.2	91
102	Collaborative Location-Based Sleep Scheduling for Wireless Sensor Networks Integratedwith Mobile Cloud Computing. IEEE Transactions on Computers, 2015, 64, 1844-1856.	3.4	90
103	Energy Management in Smart Cities Based on Internet of Things: Peak Demand Reduction and Energy Savings. Sensors, 2017, 17, 2812.	3.8	90
104	Original Symbol Phase Rotated Secure Transmission Against Powerful Massive MIMO Eavesdropper. IEEE Access, 2016, 4, 3016-3025.	4.2	89
105	Intrusion Detection System Based on Decision Tree over Big Data in Fog Environment. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	89
106	Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 835-845.	9.2	89
107	Enabling technologies for future data center networking: a primer. IEEE Network, 2013, 27, 8-15.	6.9	88
108	Multi-Attribute Network Selection by Iterative TOPSIS for Heterogeneous Wireless Access. , 2007, , .		86

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109	Exploiting Adversarial Jamming Signals for Energy Harvesting in Interference Networks. IEEE Transactions on Wireless Communications, 2017, 16, 1267-1280.	9.2	86
110	Interference-Alignment and Soft-Space-Reuse Based Cooperative Transmission for Multi-cell Massive MIMO Networks. IEEE Transactions on Wireless Communications, 2018, 17, 1907-1922.	9.2	86
111	MASM: A Multiple-Algorithm Service Model for Energy-Delay Optimization in Edge Artificial Intelligence. IEEE Transactions on Industrial Informatics, 2019, 15, 4216-4224.	11.3	86
112	An Authenticated Trust and Reputation Calculation and Management System for Cloud and Sensor Networks Integration. IEEE Transactions on Information Forensics and Security, 2015, 10, 118-131.	6.9	84
113	A Survey on Multi-Access Edge Computing Applied to Video Streaming: Some Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 871-903.	39.4	83
114	Lightweight Management of Resource-Constrained Sensor Devices in Internet of Things. IEEE Internet of Things Journal, 2015, 2, 402-411.	8.7	82
115	Optimal Resource Allocation in Full-Duplex Ambient Backscatter Communication Networks for Wireless-Powered IoT. IEEE Internet of Things Journal, 2019, 6, 2612-2625.	8.7	82
116	Secure Multimedia Big Data in Trust-Assisted Sensor-Cloud for Smart City. , 2017, 55, 24-30.		81
117	User Selection for Multiuser MIMO Downlink With Zero-Forcing Beamforming. IEEE Transactions on Vehicular Technology, 2013, 62, 3084-3097.	6.3	80
118	Energy Efficient Subchannel and Power Allocation for Software-defined Heterogeneous VLC and RF Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 658-670.	14.0	77
119	Multilayer Consensus ECC-Based Password Authenticated Key-Exchange (MCEPAK) Protocol for Smart Grid System. IEEE Transactions on Smart Grid, 2013, 4, 253-264.	9.0	76
120	Wireless Location Privacy Protection in Vehicular Ad-Hoc Networks. Mobile Networks and Applications, 2010, 15, 160-171.	3.3	75
121	Virtual Resource Allocation for Heterogeneous Services in Full Duplex-Enabled SCNs With Mobile Edge Computing and Caching. IEEE Transactions on Vehicular Technology, 2018, 67, 1794-1808.	6.3	75
122	Decentralized Resource Allocation for Video Transcoding and Delivery in Blockchain-Based System With Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 11169-11185.	6.3	75
123	Optimal Distributed Vertical Handoff Strategies in Vehicular Heterogeneous Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 534-544.	14.0	74
124	Cognitive information measurements: A new perspective. Information Sciences, 2019, 505, 487-497.	6.9	74
125	Attention-Weighted Federated Deep Reinforcement Learning for Device-to-Device Assisted Heterogeneous Collaborative Edge Caching. IEEE Journal on Selected Areas in Communications, 2021, 39, 154-169.	14.0	74
126	Toward Big Data in Green City. , 2017, 55, 14-18.		73

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127	Incomplete multi-view clustering via deep semantic mapping. Neurocomputing, 2018, 275, 1053-1062.	5.9	73
128	Reliable and energy-efficient routing protocol in dense wireless sensor networks. International Journal of Sensor Networks, 2008, 4, 104.	0.4	72
129	Software Defined Networking, Caching, and Computing for Green Wireless Networks. , 2016, 54, 185-193.		72
130	Multi-Method Data Delivery for Green Sensor-Cloud. , 2017, 55, 176-182.		72
131	Sleep Scheduling for Geographic Routing in Duty-Cycled Mobile Sensor Networks. IEEE Transactions on Industrial Electronics, 2014, 61, 6346-6355.	7.9	69
132	Distributed Virtual Resource Allocation in Small-Cell Networks With Full-Duplex Self-Backhauls and Virtualization. IEEE Transactions on Vehicular Technology, 2016, 65, 5410-5423.	6.3	68
133	A Survey on Mobile Edge Computing: Focusing on Service Adoption and Provision. Wireless Communications and Mobile Computing, 2018, 2018, 1-16.	1.2	68
134	Predictors of CD4:CD8 Ratio Normalization and Its Effect on Health Outcomes in the Era of Combination Antiretroviral Therapy. PLoS ONE, 2013, 8, e77665.	2.5	67
135	Optimizing Content Dissemination for Real-Time Traffic Management in Large-Scale Internet of Vehicle Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 1093-1105.	6.3	67
136	Toward Gaming as a Service. IEEE Internet Computing, 2014, 18, 12-18.	3.3	66
137	VENDNET: VEhicular Named Data NETwork. Vehicular Communications, 2014, 1, 208-213.	4.0	66
138	Cache-Enabled Adaptive Video Streaming Over Vehicular Networks: A Dynamic Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 5445-5459.	6.3	66
139	A Context-Aware Trust-Based Information Dissemination Framework for Vehicular Networks. IEEE Internet of Things Journal, 2015, 2, 121-132.	8.7	65
140	QoS-Aware User Association and Resource Allocation in LAA-LTE/WiFi Coexistence Systems. IEEE Transactions on Wireless Communications, 2019, 18, 2415-2430.	9.2	65
141	Incomplete CSI Based Resource Optimization in SWIPT Enabled Heterogeneous Networks: A Non-Cooperative Game Theoretic Approach. IEEE Transactions on Wireless Communications, 2018, 17, 1882-1892.	9.2	64
142	Optimizing Resources Allocation for Fog Computing-Based Internet of Things Networks. IEEE Access, 2019, 7, 64907-64922.	4.2	63
143	Design and Analysis of Backoff Algorithms for Random Access Channels in UMTS-LTE and IEEE 802.16 Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 3975-3989.	6.3	62
144	Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. IEEE Journal on Selected Areas in Communications, 2013, 31, 2442-2452.	14.0	62

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145	A survey on security issues in smart grids. Security and Communication Networks, 2016, 9, 262-273.	1.5	62
146	Grouping and Cooperating Among Access Points in User-Centric Ultra-Dense Networks With Non-Orthogonal Multiple Access. IEEE Journal on Selected Areas in Communications, 2017, 35, 2295-2311.	14.0	62
147	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
148	Analysis of Nicotine and Cotinine in the Hair of Hospitality Workers Exposed to Environmental Tobacco Smoke. Journal of Occupational and Environmental Medicine, 1997, 39, 946-948.	1.7	61
149	Dynamic resource allocation in OFDMA wireless metropolitan area networks [Radio Resource Management and Protocol Engineering for IEEE 802.16]. IEEE Wireless Communications, 2007, 14, 6-13.	9.0	60
150	Analytical Modeling of Contention-Based Bandwidth Request Mechanism in IEEE 802.16 Wireless Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 3094-3107.	6.3	60
151	Anti-Eavesdropping Schemes for Interference Alignment (IA)-Based Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5719-5732.	9.2	59
152	Learning-Aided Network Association for Hybrid Indoor LiFi-WiFi Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3561-3574.	6.3	59
153	Reliability-Optimal Cooperative Communication and Computing in Connected Vehicle Systems. IEEE Transactions on Mobile Computing, 2020, 19, 1216-1232.	5.8	59
154	An Adaptive Wireless Virtual Reality Framework in Future Wireless Networks: A Distributed Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 8514-8528.	6.3	59
155	Delay performance analysis of cooperative cell caching in future mobile networks. , 2015, , .		58
156	Deep reinforcement learning for blockchain in industrial IoT: A survey. Computer Networks, 2021, 191, 108004.	5.1	58
157	Optimal Cooperative Internetwork Spectrum Sharing for Cognitive Radio Systems With Spectrum Pooling. IEEE Transactions on Vehicular Technology, 2010, 59, 1760-1768.	6.3	55
158	Smart grid authentication and key management for unicast and multicast communications. , 2011, , .		55
159	Green last mile: how fiber-connected massively distributed antenna systems can save energy. IEEE Wireless Communications, 2011, 18, 66-74.	9.0	55
160	Mobility-Aware Vehicle-to-Grid Control Algorithm in Microgrids. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2165-2174.	8.0	55
161	Code-Centric RFID System Based on Software Agent Intelligence. IEEE Intelligent Systems, 2010, 25, 12-19.	4.0	54
162	Specification-based Intrusion Detection for home area networks in smart grids. , 2011, , .		54

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163	Caching Unmanned Aerial Vehicle-Enabled Small-Cell Networks: Employing Energy-Efficient Methods That Store and Retrieve Popular Content. IEEE Vehicular Technology Magazine, 2019, 14, 71-79.	3.4	54
164	The Future of Cloud Gaming [Point of View]. Proceedings of the IEEE, 2016, 104, 687-691.	21.3	53
165	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9534-9549.	6.3	53
166	Modeling and Analysis of Aerial Base Station-Assisted Cellular Networks in Finite Areas Under LoS and NLoS Propagation. IEEE Transactions on Wireless Communications, 2018, 17, 6985-7000.	9.2	53
167	Efficient HetNet implementation using broadband wireless access with fiber-connected massively distributed antennas architecture. IEEE Wireless Communications, 2011, 18, 72-78.	9.0	52
168	Reconfigurable Intelligent Surface-Assisted Secure Mobile Edge Computing Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 6647-6660.	6.3	52
169	Application of ELECTRE to Network Selection in A Hetereogeneous Wireless Network Environment. , 2007, , .		51
170	Incidence and Costs of Clostridium difficile Infections in Canada. Open Forum Infectious Diseases, 2015, 2, ofv076.	0.9	51
171	Toward Offering More Useful Data Reliably to Mobile Cloud From Wireless Sensor Network. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 84-94.	4.6	51
172	Joint User Association and User Scheduling for Load Balancing in Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2018, 17, 3211-3225.	9.2	51
173	Energy Efficient Resource Allocation in Terahertz Downlink NOMA Systems. IEEE Transactions on Communications, 2021, 69, 1375-1384.	7.8	51
174	Topology control in mobile Ad Hoc networks with cooperative communications. IEEE Wireless Communications, 2012, 19, 74-79.	9.0	50
175	Tag-assisted social-aware opportunistic device-to-device sharing for traffic offloading in mobile social networks. IEEE Wireless Communications, 2016, 23, 60-67.	9.0	50
176	Super-Modular Game-Based User Scheduling and Power Allocation for Energy-Efficient NOMA Network. IEEE Transactions on Wireless Communications, 2018, 17, 3877-3888.	9.2	50
177	A Reliable Trust Computing Mechanism Based on Multisource Feedback and Fog Computing in Social Sensor Cloud. IEEE Internet of Things Journal, 2020, 7, 5481-5490.	8.7	50
178	Social drive. , 2013, , .		49
179	Robust Energy-Efficient MIMO Transmission for Cognitive Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 3845-3859.	6.3	49
180	Energy-Efficient Resource Allocation for NOMA-MEC Networks With Imperfect CSI. IEEE Transactions on Communications, 2021, 69, 3436-3449.	7.8	49

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181	Efficient QoS Provisioning for Adaptive Multimedia in Mobile Communication Networks by Reinforcement Learning. Mobile Networks and Applications, 2006, 11, 101-110.	3.3	48
182	Antimicrobial Resistance Gene Acquisition and Depletion Following Fecal Microbiota Transplantation for Recurrent Clostridium difficile Infection. Clinical Infectious Diseases, 2018, 66, 456-457.	5.8	48
183	Joint computation offloading and content caching for wireless blockchain networks. , 2018, , .		48
184	Joint Communication and Trajectory Optimization for Multi-UAV Enabled Mobile Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15354-15366.	8.0	48
185	Secure Location Verification for Vehicular Ad-Hoc Networks. , 2008, , .		47
186	Postelectrospinning modifications for alginate nanofiber–based wound dressings. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 508-515.	3.4	47
187	Hedonic Coalition Formation Game for Cooperative Spectrum Sensing and Channel Access in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2012, 11, 3968-3979.	9.2	46
188	LTE in the Unlicensed Band: Overview, Challenges, and Opportunities. IEEE Wireless Communications, 2017, 24, 99-105.	9.0	46
189	CaaS: Caching as a Service for 5G Networks. IEEE Access, 2017, 5, 5982-5993.	4.2	46
190	An Edge Computing Framework for Real-Time Monitoring in Smart Grid. , 2018, , .		46
191	Wireless acoustic sensor networks and edge computing for rapid acoustic monitoring. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 64-74.	13.1	46
192	Intelligent Resource Allocation for Video Analytics in Blockchain-Enabled Internet of Autonomous Vehicles With Edge Computing. IEEE Internet of Things Journal, 2022, 9, 14260-14272.	8.7	46
193	Trust management for secure cognitive radio vehicular ad hoc networks. Ad Hoc Networks, 2019, 86, 154-165.	5.5	45
194	Performance evaluation of an adaptive backoff scheme for WLAN. Wireless Communications and Mobile Computing, 2004, 4, 867-879.	1.2	44
195	Performance Improvements of Mobile SCTP in Integrated Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2007, 6, 3567-3577.	9.2	44
196	A Decentralized Trustworthy Context and QoS-Aware Service Discovery Framework for the Internet of Things. IEEE Access, 2017, 5, 19154-19166.	4.2	44
197	Deep Reinforcement Learning Based Performance Optimization in Blockchain-Enabled Internet of Vehicle. , 2019, , .		44
198	Joint Topology Control and Authentication Design in Mobile Ad Hoc Networks With Cooperative Communications. IEEE Transactions on Vehicular Technology, 2012, 61, 2674-2685.	6.3	43

#	ARTICLE	IF	CITATIONS
199	Insights of Top- <inline-formula> <tex-math notation="TeX">k</tex-math> </inline-formula> Query in Duty-Cycled Wireless Sensor Networks. IEEE Transactions on Industrial Electronics, 2015, 62, 1317-1328.	7.9	43
200	Dynamic Performance Analysis of Uplink Transmission in Cluster-Based Heterogeneous Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5584-5595.	6.3	43
201	Energy-Efficient Resource Allocation in Cellular Networks With Shared Full-Duplex Relaying. IEEE Transactions on Vehicular Technology, 2015, 64, 3711-3724.	6.3	43
202	Optimal Power Control in Green Wireless Sensor Networks With Wireless Energy Harvesting, Wake-Up Radio and Transmission Control. IEEE Access, 2017, 5, 501-518.	4.2	43
203	From cloud-based communications to cognition-based communications: A computing perspective. Computer Communications, 2018, 128, 74-79.	5.1	43
204	STCS: Spatial-Temporal Collaborative Sampling in Flow-Aware Software Defined Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 999-1013.	14.0	43
205	Knowledge-Based Fault Diagnosis in Industrial Internet of Things: A Survey. IEEE Internet of Things Journal, 2022, 9, 12886-12900.	8.7	43
206	A novel hydrogel-collagen composite improves functionality of an injectable extracellular matrix. Acta Biomaterialia, 2011, 7, 3060-3069.	8.3	42
207	Intrusion Detection and Prevention for ZigBee-Based Home Area Networks in Smart Grids. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	42
208	End-edge-cloud collaborative computation offloading for multiple mobile users in heterogeneous edge-server environment. Wireless Networks, 0, , 1.	3.0	42
209	Exposure to Dust, Resin Acids, and Monoterpenes in Softwood Lumber Mills. AIHA Journal, 2000, 61, 521-528.	0.4	42
210	Private-Blockchain-Based Industrial IoT for Material and Product Tracking in Smart Manufacturing. IEEE Network, 2020, 34, 91-97.	6.9	41
211	Adaptive Bitrate Streaming in Wireless Networks With Transcoding at Network Edge Using Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 3879-3892.	6.3	41
212	Resource Management for Pervasive-Edge-Computing-Assisted Wireless VR Streaming in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 7607-7617.	11.3	41
213	A survey of technical requirements and consumer application standards for IP-based smart grid AMI network. , 2011, , .		40
214	A Cloudlet-Assisted Multiplayer Cloud Gaming System. Mobile Networks and Applications, 2014, 19, 144-152.	3.3	40
215	Innovative Schemes for Resource Allocation in the Cloud for Media Streaming Applications. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1021-1033.	5.6	40
216	Comparative effectiveness of Î²-lactam versus vancomycin empiric therapy in patients with methicillin-susceptible Staphylococcus aureus (MSSA) bacteremia. Annals of Clinical Microbiology and Antimicrobials, 2016, 15, 27.	3.8	40

#	Article	IF	Citations
217	An energy- and cost-aware computation offloading method for workflow applications in mobile edge computing. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	40
218	Cooperative Computation Offloading for Multi-Access Edge Computing in 6G Mobile Networks via Soft Actor Critic. IEEE Transactions on Network Science and Engineering, 2024, , 1-1.	6.4	40
219	FGPC. , 2014, , .		39
220	S-Aframe: Agent-Based Multilayer Framework With Context-Aware Semantic Service for Vehicular Social Networks. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 44-63.	4.6	39
221	Optimal Transmission Policies for Relay Communication Networks With Ambient Energy Harvesting Relays. IEEE Journal on Selected Areas in Communications, 2016, 34, 3754-3768.	14.0	39
222	Fog at the Edge: Experiences Building an Edge Computing Platform. , 2018, , .		39
223	A Model for Steady State Throughput of TCP CUBIC. , 2010, , .		38
224	On ultra wideband channel modeling for in-body communications. , 2010, , .		38
225	Capacity-Optimized Topology Control for MANETs with Cooperative Communications. IEEE Transactions on Wireless Communications, 2011, 10, 2162-2170.	9.2	38
226	Applying a new localized generalization error model to design neural networks trained with extreme learning machine. Neural Computing and Applications, 2016, 27, 59-66.	5.6	38
227	Energy Efficiency Optimization: Joint Antenna-Subcarrier-Power Allocation in OFDM-DASs. IEEE Transactions on Wireless Communications, 2016, 15, 7470-7483.	9.2	38
228	Resource Allocation for a Wireless Powered Integrated Radar and Communication System. IEEE Wireless Communications Letters, 2019, 8, 253-256.	5.0	38
229	Multi-Agent Itinerary Planning for Wireless Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 584-597.	0.3	38
230	Optimal Resource Allocation for RF-Powered Underlay Cognitive Radio Networks With AmbientÂBackscatter Communication. IEEE Transactions on Vehicular Technology, 2020, 69, 15216-15228.	6.3	38
231	A Review of Key Issues That Concern the Feasibility of Mobile Cloud Computing. , 2013, , .		37
232	FADE: Forwarding Assessment Based Detection of Collaborative Grey Hole Attacks in WMNs. IEEE Transactions on Wireless Communications, 2013, 12, 5124-5137.	9.2	37
233	Joint Relay Scheduling, Channel Access, and Power Allocation for Green Cognitive Radio Communications. IEEE Journal on Selected Areas in Communications, 2015, 33, 922-932.	14.0	37
234	Green cell planning and deployment for small cell networks in smart cities. Ad Hoc Networks, 2016, 43, 30-42.	5.5	37

#	Article	IF	Citations
235	Demographic Information Prediction: A Portrait of Smartphone Application Users. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 432-444.	4.6	37
236	Cable Diagnostics With Power Line Modems for Smart Grid Monitoring. IEEE Access, 2019, 7, 60206-60220.	4.2	37
237	Intelligence-Empowered Mobile Edge Computing: Framework, Issues, Implementation, and Outlook. IEEE Network, 2021, 35, 74-82.	6.9	37
238	Energy-Efficient Itinerary Planning for Mobile Agents in Wireless Sensor Networks. , 2009, , .		36
239	Fast and Secure Reauthentications for 3GPP Subscribers during WiMAX-WLAN Handovers. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 699-713.	5.4	36
240	Economic analysis of vancomycin-resistant enterococci at a Canadian hospital: assessing attributable cost and length of stay. Journal of Hospital Infection, 2013, 85, 54-59.	2.9	36
241	Unitary Query for the <inline-formula> <tex-math notation="TeX">$Mimes Limes N$</tex-math></inline-formula> MIMO Backscatter RFID Channel. IEEE Transactions on Wireless Communications, 2015, 14, 2613-2625.	9.2	36
242	Compressive network coding for wireless sensor networks: Spatio-temporal coding and optimization design. Computer Networks, 2016, 108, 345-356.	5.1	36
243	Joint Optimization of Caching and Association in Energy-Harvesting-Powered Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6469-6480.	6.3	36
244	Spectrum Sensing Based on Maximum Generalized Correntropy Under Symmetric Alpha Stable Noise. IEEE Transactions on Vehicular Technology, 2019, 68, 10262-10266.	6.3	36
245	Detection of low levels of SARS-CoV-2 RNA from nasopharyngeal swabs using three commercial molecular assays. Journal of Clinical Virology, 2020, 128, 104387.	3.1	36
246	Secure position-based routing protocol for mobile ad hoc networks. Ad Hoc Networks, 2007, 5, 76-86.	5.5	35
247	Receiver-oriented load-balancing and reliable routing in wireless sensor networks. Wireless Communications and Mobile Computing, 2009, 9, 405-416.	1.2	35
248	Performance Modeling and Stability of Semi-Persistent Scheduling with Initial Random Access in LTE. IEEE Transactions on Wireless Communications, 2012, 11, 4446-4456.	9.2	35
249	SAfeDJ. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 12, 1-24.	4.3	35
250	Kynurenine Modulates MMPâ€‘1 and Typeâ€‘I Collagen Expression Via Aryl Hydrocarbon Receptor Activation in Dermal Fibroblasts. Journal of Cellular Physiology, 2016, 231, 2749-2760.	4.1	35
251	Enhancing the Security of Free-Space Optical Communications With Secret Sharing and Key Agreement. Journal of Optical Communications and Networking, 2014, 6, 1072.	4.8	34
252	Information-Sharing Outage-Probability Analysis of Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9479-9492.	6.3	34

#	Article	IF	Citations
253	A Time Efficient Tag Identification Algorithm Using Dual Prefix Probe Scheme (DPPS). IEEE Signal Processing Letters, 2016, 23, 386-389.	3.6	34
254	Antimicrobial stewardship for hospitalized patients with viral respiratory tract infections. American Journal of Infection Control, 2017, 45, 872-875.	2.3	34
255	Primary Privacy Preserving With Joint Wireless Power and Information Transfer for Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 683-693.	7.9	34
256	Energy Efficient Collaborative Beamforming for Reducing Sidelobe in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2021, 20, 965-982.	5.8	34
257	Customized Slicing for 6G: Enforcing Artificial Intelligence on Resource Management. IEEE Network, 2021, 35, 264-271.	6.9	34
258	Balanced Itinerary Planning for Multiple Mobile Agents in Wireless Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 416-428.	0.3	33
259	A content centric approach to dissemination of information in vehicular networks. , 2012, , .		33
260	On Developing Smart Transportation Applications in Fog Computing Paradigm. , 2016, , .		33
261	Towards Pricing for Sensor-Cloud. IEEE Transactions on Cloud Computing, 2020, 8, 1018-1029.	4.4	33
262	Energy-efficient Workload Allocation and Computation Resource Configuration in Distributed Cloud/Edge Computing Systems With Stochastic Workloads. IEEE Journal on Selected Areas in Communications, 2020, 38, 1118-1132.	14.0	33
263	Joint Communication and Computation Resource Scheduling of a UAV-Assisted Mobile Edge Computing System for Platooning Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8435-8450.	8.0	33
264	Backscatter Wireless Communications and Sensing in Green Internet of Things. IEEE Transactions on Green Communications and Networking, 2022, 6, 37-55.	5.5	33
265	Resource Allocation for NOMA Based Space-Terrestrial Satellite Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1065-1075.	9.2	33
266	Cross-Layer and Path Priority Scheduling Based Real-Time Video Communications over Wireless Sensor Networks. IEEE Vehicular Technology Conference, 2008, , .	0.4	32
267	Dynamic channel selection with reinforcement learning for cognitive WLAN over fiber. International Journal of Communication Systems, 2012, 25, 1077-1090.	2.5	32
268	Energy-Efficient Topology Control With Selective Diversity in Cooperative Wireless Ad Hoc Networks: A Game-Theoretic Approach. IEEE Transactions on Wireless Communications, 2014, 13, 6484-6495.	9.2	32
269	Flexural properties of experimental nanofiber reinforced composite are affected by resin composition and nanofiber/resin ratio. Dental Materials, 2015, 31, 1132-1141.	3.5	32
270	Weighted network traffic offloading in cache-enabled heterogeneous networks. , 2016, , .		32

#	Article	IF	Citations
271	Performance Comparison of Cognitive Radio Sensor Networks for Industrial IoT With Different Deployment Patterns. IEEE Systems Journal, 2017, 11, 1456-1466.	4.6	32
272	Energy-Efficient Sub-Carrier and Power Allocation in Cloud-Based Cellular Network With Ambient RF Energy Harvesting. IEEE Access, 2017, 5, 1340-1352.	4.2	32
273	Base Station Selection for Massive MIMO Networks With Two-Stage Precoding. IEEE Wireless Communications Letters, 2017, 6, 598-601.	5.0	32
274	A Time-Ordered Aggregation Model-Based Centrality Metric for Mobile Social Networks. IEEE Access, 2018, 6, 25588-25599.	4.2	32
275	Adaptive Spectrum Sharing for Half-Duplex and Full-Duplex Cognitive Radios: From the Energy Efficiency Perspective. IEEE Transactions on Communications, 2018, 66, 5067-5080.	7.8	32
276	Distributed sender scheduling for multimedia transmission in wireless mobile peer-to-peer networks. IEEE Transactions on Wireless Communications, 2009, 8, 4594-4603.	9.2	31
277	A dynamic context-aware access network selection for handover in heterogeneous network environments. , 2011, , .		31
278	A Framework of Cooperative Cell Caching for the Future Mobile Networks. , 2015, , .		31
279	Energy-Efficient Joint User Association and Power Allocation in a Heterogeneous Network. IEEE Transactions on Wireless Communications, 2020, 19, 7008-7020.	9.2	31
280	Edge Intelligence (EI)-Enabled HTTP Anomaly Detection Framework for the Internet of Things (IoT). IEEE Internet of Things Journal, 2021, 8, 3554-3566.	8.7	31
281	Resource Allocation of Video Streaming Over Vehicular Networks: A Survey, Some Research Issues and Challenges. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5955-5975.	8.0	31
282	People With Human Immunodeficiency Virus Receiving Suppressive Antiretroviral Therapy Show Typical Antibody Durability After Dual Coronavirus Disease 2019 Vaccination and Strong Third Dose Responses. Journal of Infectious Diseases, 2023, 227, 838-849.	4.0	31
283	WLC14-6: A Location-Based Vertical Handoff Decision Algorithm for Heterogeneous Mobile Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	30
284	Efficient Power Management for Infrastructure IEEE 802.11 WLANs. IEEE Transactions on Wireless Communications, 2010, 9, 2196-2205.	9.2	30
285	Transmit Antenna Selection for Downlink Transmission in a Massively Distributed Antenna System Using Convex Optimization. , 2012, , .		30
286	Energy-Efficient Subchannel Matching and Power Allocation in NOMA Autonomous Driving Vehicular Networks. IEEE Wireless Communications, 2019, 26, 88-93.	9.0	30
287	Tailored Learning-Based Scheduling for Kubernetes-Oriented Edge-Cloud System. , 2021, , .		30
288	Optimization of Sequential Paging in Movement-Based Location Management Based on Movement Statistics. IEEE Transactions on Vehicular Technology, 2007, 56, 955-964.	6.3	29

#	Article	IF	Citations
289	A New QoS Provisioning Method for Adaptive Multimedia in Wireless Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 1899-1909.	6.3	29
290	Energy-Efficient Prefix-Free Codes for Wireless Nano-Sensor Networks Using OOK Modulation. IEEE Transactions on Wireless Communications, 2014, 13, 2670-2682.	9.2	29
291	Caching-as-a-Service: Virtual caching framework in the cloud-based mobile networks. , 2015, , .		29
292	Securing Uplink Transmission for Lightweight Single-Antenna UEs in the Presence of a Massive MIMO Eavesdropper. IEEE Access, 2016, 4, 5374-5384.	4.2	29
293	Block-Level Unitary Query: Enabling Orthogonal-Like Space-Time Code With Query Diversity for MIMO Backscatter RFID. IEEE Transactions on Wireless Communications, 2016, 15, 1937-1949.	9.2	29
294	Antijamming Schemes for Interference-Alignment-Based Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 1271-1283.	6.3	29
295	Reduction in hospital-associated methicillin-resistant Staphylococcus aureus and vancomycin-resistant Enterococcus with daily chlorhexidine gluconate bathing for medical inpatients. American Journal of Infection Control, 2017, 45, 255-259.	2.3	29
296	NOMA-Based D2D-Enabled Traffic Offloading for 5G and Beyond Networks Employing Licensed and Unlicensed Access. IEEE Transactions on Wireless Communications, 2020, 19, 4109-4124.	9.2	29
297	Caching Transient Content for IoT Sensing: Multi-Agent Soft Actor-Critic. IEEE Transactions on Communications, 2021, 69, 5886-5901.	7.8	29
298	Directional Controlled Fusion in Wireless Sensor Networks. Mobile Networks and Applications, 2009, 14, 220-229.	3.3	28
299	Distributed Relay Selection and Power Control in Cognitive Radio Networks with Cooperative Transmission. , 2010, , .		28
300	Mobile traffic offloading by exploiting social network services and leveraging opportunistic device-to-device sharing. IEEE Wireless Communications, 2014, 21, 28-36.	9.0	28
301	Topology design and cross-layer optimization for wireless body sensor networks. Ad Hoc Networks, 2017, 59, 48-62.	5.5	28
302	Performance Enhancement of Downlink NOMA by Combination With GSSK. IEEE Wireless Communications Letters, 2018, 7, 860-863.	5.0	28
303	Virtual Machine Placement Optimization in Mobile Cloud Gaming Through QoE-Oriented Resource Competition. IEEE Transactions on Cloud Computing, 2022, 10, 2204-2218.	4.4	28
304	PAPR Reduction Using Iterative Clipping/Filtering and ADMM Approaches for OFDM-Based Mixed-Numerology Systems. IEEE Transactions on Wireless Communications, 2020, 19, 2586-2600.	9.2	28
305	A predictive demand assignment multiple access protocol for Internet access over broadband satellite networks. International Journal of Satellite Communications and Networking, 2003, 21, 451-467.	1.8	27
306	Joint connection admission control and routing in IEEE 802.16-based mesh networks. IEEE Transactions on Wireless Communications, 2010, 9, 1370-1379.	9.2	27

#	ARTICLE	IF	CITATIONS
307	Wireless three-pad ECG system: Challenges, design, and evaluations. Journal of Communications and Networks, 2011, 13, 113-124.	2.6	27
308	Cooperative communications with relay selection for wireless networks: design issues and applications. Wireless Communications and Mobile Computing, 2013, 13, 745-759.	1.2	27
309	Towards a content-centric approach to crowd-sensing in vehicular clouds. Journal of Systems Architecture, 2013, 59, 976-984.	4.3	27
310	Fundamental Limits of CDF-Based Scheduling: Throughput, Fairness, and Feedback Overhead. IEEE/ACM Transactions on Networking, 2015, 23, 894-907.	3.8	27
311	Net-in-AI: A Computing-Power Networking Framework with Adaptability, Flexibility, and Profitability for Ubiquitous AI. IEEE Network, 2021, 35, 280-288.	6.9	27
312	Blockchain-Enabled Edge Intelligence for IoT: Background, Emerging Trends and Open Issues. Future Internet, 2021, 13, 48.	3.8	27
313	Respiratory Symptoms and Occupational Exposures in New Zealand Plywood Mill Workers. Annals of Occupational Hygiene, 2003, 47, 287-95.	1.9	26
314	Analysis of Burst Transmission in IEEE 802.11e Wireless LANs. , 2006, , .		26
315	Optimization of Distance-Based Location Management for PCS Networks. IEEE Transactions on Wireless Communications, 2008, 7, 3507-3516.	9.2	26
316	Access and service convergence over the mobile internet â€" A survey. Computer Networks, 2010, 54, 545-557.	5.1	26
317	Decremental User Selection for Large-Scale Multi-User MIMO Downlink with Zero-Forcing Beamforming. IEEE Wireless Communications Letters, 2012, 1, 480-483.	5.0	26
318	Energy efficiency of resource scheduling for non-orthogonal multiple access (NOMA) wireless network. , 2016, , .		26
319	Genetic algorithms with particle swarm optimization based mutation for distributed controller placement in SDNs. , 2017, , .		26
320	Hybrid computation offloading in fog and cloud networks with non-orthogonal multiple access. , 2018, , .		26
321	Channel Access Optimization with Adaptive Congestion Pricing for Cognitive Vehicular Networks: An Evolutionary Game Approach. IEEE Transactions on Mobile Computing, 2020, 19, 803-820.	5.8	26
322	Joint Relay Selection and Power Allocation for Underwater Cooperative Optical Wireless Networks. IEEE Transactions on Wireless Communications, 2020, 19, 251-264.	9.2	26
323	Hybrid RF/FSO Backhaul Networks With Statistical-QoS-Aware Buffer-Aided Relaying. IEEE Transactions on Wireless Communications, 2020, 19, 1464-1483.	9.2	26
324	Reliability-Aware Joint Optimization for Cooperative Vehicular Communication and Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5437-5446.	8.0	26

#	Article	IF	Citations
325	A Memetic Path Planning Algorithm for Unmanned Air/Ground Vehicle Cooperative Detection Systems. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2724-2737.	5.2	26
326	Evaluation of the FilmArray Blood Culture Identification Panel compared to direct MALDI-TOF MS identification for rapid identification of pathogens. Journal of Medical Microbiology, 2018, 67, 1253-1256.	1.8	26
327	Older Adults Mount Less Durable Humoral Responses to Two Doses of COVID-19 mRNA Vaccine but Strong Initial Responses to a Third Dose. Journal of Infectious Diseases, 2022, 226, 983-994.	4.0	26
328	Cooperative Computation Offloading in Blockchain-Based Vehicular Edge Computing Networks. IEEE Transactions on Intelligent Vehicles, 2022, 7, 783-798.	12.7	26
329	Derivation of Moving Distance Distribution to Enhance Sequential Paging in Distance-Based Mobility Management for PCS Networks. IEEE Transactions on Wireless Communications, 2006, 5, 3029-3033.	9.2	25
330	MRL-CC: a novel cooperative communication protocol for QoS provisioning in wireless sensor networks. International Journal of Sensor Networks, 2010, 8, 98.	0.4	25
331	Employing IEEE 802.15.4 for Quality of Service Provisioning in Wireless Body Area Sensor Networks. , 2010, , .		25
332	Distributed Best-Relay Selection for Improving TCP Performance Over Cognitive Radio Networks: A Cross-Layer Design Approach. IEEE Journal on Selected Areas in Communications, 2012, 30, 315-322.	14.0	25
333	Social Groupcasting Algorithm for Wireless Cellular Multicast Services. IEEE Communications Letters, 2013, 17, 47-50.	4.1	25
334	In-band full-duplex relaying for 5G cellular networks with wireless virtualization. IEEE Network, 2015, 29, 54-61.	6.9	25
335	A Low-Complexity Power Allocation Strategy to Minimize Sum-Source-Power for Multi-User Single-AF-Relay Networks. IEEE Transactions on Communications, 2016, 64, 3275-3283.	7.8	25
336	BER Analysis of WFRFT Precoded OFDM and GFDM Waveforms With an Integer Time Offset. IEEE Transactions on Vehicular Technology, 2018, 67, 9097-9111.	6.3	25
337	Freshness-Aware Seed Selection for Offloading Cellular Traffic Through Opportunistic Mobile Networks. IEEE Transactions on Wireless Communications, 2020, 19, 2658-2669.	9.2	25
338	Statistical-QoS Guarantee for IoT Network Driven by Laser-Powered UAV Relay and RF Backscatter Communications. IEEE Transactions on Green Communications and Networking, 2021, 5, 406-425.	5.5	25
339	Fuzzy Algorithms for Maximum Lifetime Routing in Wireless Sensor Networks. , 2008, , .		24
340	Energy Management Analysis and Enhancement in IEEE 802.16e WirelessMAN. IEEE Transactions on Vehicular Technology, 2009, 58, 3738-3752.	6.3	24
341	Spatial-Temporal relation-based Energy-Efficient Reliable routing protocol in wireless sensor networks. International Journal of Sensor Networks, 2009, 5, 129.	0.4	24
342	Spoofing detection in IEEE 802.15.4 networks based on received signal strength. Ad Hoc Networks, 2013, 11, 2648-2660.	5.5	24

#	Article	IF	Citations
343	Next Generation Mobile Cloud Gaming. , 2013, , .		24
344	A Cognitive Platform for Mobile Cloud Gaming. , 2013, , .		24
345	Blockchain-Empowered Fair Computational Resource Sharing System in the D2D Network. Future Internet, 2017, 9, 85.	3.8	24
346	Buffer-Aware Streaming in Small-Scale Wireless Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 6891-6902.	6.3	24
347	Coverage-Guaranteed and Energy-Efficient Participant Selection Strategy in Mobile Crowdsensing. IEEE Internet of Things Journal, 2019, 6, 3202-3211.	8.7	24
348	Joint Relay Assignment and Power Allocation for Multiuser Multirelay Networks Over Underwater Wireless Optical Channels. IEEE Internet of Things Journal, 2020, 7, 9688-9701.	8.7	24
349	An Optimal Battery Charging Algorithm in Electric Vehicle-Assisted Battery Swapping Environments. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3985-3994.	8.0	24
350	Energy Efficiency Optimization for Rate-Splitting Multiple Access-Based Indoor Visible Light Communication Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 1706-1720.	14.0	24
351	Technologies in Multihop Cellular Networks [Guest Editorial]. , 2007, 45, 64-65.		23
352	A study on the HEVC performance over lossy networks. , 2012, , .		23
353	An Energy Efficient Implementation of C-RAN in HetNet. , 2014, , .		23
354	Aggressive congestion control mechanism for space systems. IEEE Aerospace and Electronic Systems Magazine, 2016, 31, 28-33.	1.3	23
355	A Multichannel Medium Access Control Protocol for Vehicular Power Line Communication Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 542-554.	6.3	23
356	Virtual Resource Management in Green Cellular Networks With Shared Full-Duplex Relaying and Wireless Virtualization: A Game-Based Approach. IEEE Transactions on Vehicular Technology, 2016, 65, 7529-7542.	6.3	23
357	Energy-efficient resource scheduling for NOMA systems with imperfect channel state information. , 2017, , .		23
358	Grid surveillance and diagnostics using power line communications. , 2018, , .		23
359	Robust Energy Efficient Beamforming in MISOME-SWIPT Systems With Proportional Secrecy Rate. IEEE Journal on Selected Areas in Communications, 2019, 37, 202-215.	14.0	23
360	6G Cognitive Information Theory: A Mailbox Perspective. Big Data and Cognitive Computing, 2021, 5, 56.	4.7	23

#	Article	IF	Citations
361	Connection architecture and protocols to support efficient handoffs over an ATM/B-ISDN personal communications network. Mobile Networks and Applications, 1996, 1, 123-139.	3.3	22
362	Token bank fair queuing: a new scheduling algorithm for wireless multimedia services. International Journal of Communication Systems, 2004, 17, 591-614.	2.5	22
363	Access Point Buffer Management for Power Saving in IEEE 802.11 WLANs. IEEE Transactions on Network and Service Management, 2012, 9, 473-486.	4.9	22
364	Multiplayer cloud gaming system with cooperative video sharing. , 2012, , .		22
365	Intrusion detection in advanced metering infrastructure based on consumption pattern. , 2013, , .		22
366	Performance Study for SWIPT Cooperative Communication Systems in Shadowed Nakagami Fading Channels. IEEE Transactions on Wireless Communications, 2018, 17, 1199-1211.	9.2	22
367	Secure Beamforming in Full-Duplex MISO-SWIPT Systems With Multiple Eavesdroppers. IEEE Transactions on Wireless Communications, 2018, 17, 6559-6574.	9.2	22
368	Energy Efficient Computation Offloading for Multi-Access MEC Enabled Small Cell Networks. , 2018, , .		22
369	Deep Reinforcement Learning for Cooperative Edge Caching in Future Mobile Networks. , 2019, , .		22
370	Adaptive Scheduling of Stochastic Task Sequence for Energy-Efficient Mobile Cloud Computing. IEEE Systems Journal, 2019, 13, 3022-3025.	4.6	22
371	Energy-Efficient Hybrid Precoding Design for Integrated Multicast-Unicast Millimeter Wave Communications With SWIPT. IEEE Transactions on Vehicular Technology, 2019, 68, 10956-10968.	6.3	22
372	Link-Aware Virtual Machine Placement for Cloud Services based on Service-Oriented Architecture. IEEE Transactions on Cloud Computing, 2020, 8, 989-1002.	4.4	22
373	Edge AI. , 2020, , .		22
374	Efficient Blockchain-Enabled Large Scale Parked Vehicular Computing With Green Energy Supply. IEEE Transactions on Vehicular Technology, 2021, 70, 9423-9436.	6.3	22
375	Reliable data transport and congestion control in wireless sensor networks. International Journal of Sensor Networks, 2008, 3, 16.	0.4	21
376	Position-Based Directional Vehicular Routing. , 2009, , .		21
377	Performance Enhancement for Unlicensed Users in Coordinated Cognitive Radio Networks via Channel Reservation. , 2010, , .		21
378	Topical application of a film–forming emulgel dressing that controls the release of stratifin and acetylsalicylic acid and improves/prevents hypertrophic scarring. Wound Repair and Regeneration, 2013, 21, 55-65.	3.0	21

#	Article	IF	Citations
379	QoS-Based Cross-Layer Scheduling for Wireless Multimedia Transmissions with Adaptive Modulation and Coding. IEEE Transactions on Communications, 2013, 61, 4526-4538.	7.8	21
380	Trust assistance in Sensor-Cloud. , 2015, , .		21
381	On Building Smart City IoT Applications. , 2016, , .		21
382	Dynamic Quality Adaptation and Bandwidth Allocation for Adaptive Streaming Over Time-Varying Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8077-8091.	9.2	21
383	Improving Performance of Distributed Collaborative Beamforming in Mobile Wireless Sensor Networks: A Multiobjective Optimization Method. IEEE Internet of Things Journal, 2020, 7, 6787-6801.	8.7	21
384	A Mobile Edge Computing (MEC)-Enabled Transcoding Framework for Blockchain-Based Video Streaming. IEEE Wireless Communications, 2020, 27, 81-87.	9.0	21
385	Energy-efficient Tree-based Message Ferrying Routing Schemes for Wireless Sensor Networks. Mobile Networks and Applications, 2011, 16, 58-70.	3.3	20
386	Optimal channel access for TCP performance improvement in cognitive radio networks. Wireless Networks, 2011, 17, 479-492.	3.0	20
387	Centralized and Game Theoretical Solutions of Joint Source and Relay Power Allocation for AF Relay Based Network. IEEE Transactions on Communications, 2015, 63, 2848-2863.	7.8	20
388	LLDP based link latency monitoring in software defined networks. , 2016, , .		20
389	Recent advances and future challenges for mobile network virtualization. Science China Information Sciences, 2017, 60, 1.	4.3	20
390	Reliable Traffic Density Estimation in Vehicular Network. IEEE Transactions on Vehicular Technology, 2018, 67, 6424-6437.	6.3	20
391	Joint Energy Management and Interference Coordination With Max-Min Fairness in Ultra-Dense HetNets. IEEE Access, 2018, 6, 32588-32600.	4.2	20
392	Reliability-Oriented Optimization of Computation Offloading for Cooperative Vehicle-Infrastructure Systems. IEEE Signal Processing Letters, 2019, 26, 104-108.	3.6	20
393	Blockchain-empowered Data-driven Networks. ACM Computing Surveys, 2022, 54, 1-38.	23.0	20
394	Uplink Performance Improvement for Downlink-Uplink Decoupled HetNets with Non-uniform User Distribution. IEEE Transactions on Vehicular Technology, 2020, , 1-1.	6.3	20
395	A wireless sensor system for motion analysis of Parkinson's disease patients. , 2011, , .		19
396	Security and privacy of electric vehicles in the smart grid context. , 2013, , .		19

#	Article	IF	Citations
397	Job Scheduling for Cloud Computing Integrated with Wireless Sensor Network. , 2014, , .		19
398	Distributed Cooperative Topology Control for WANETs With Opportunistic Interference Cancelation. IEEE Transactions on Vehicular Technology, 2014, 63, 789-801.	6.3	19
399	Simultaneous wireless information and power transfer in interference alignment networks. , 2014, , .		19
400	Connectivity Analysis for Cooperative Vehicular Ad Hoc Networks Under Nakagami Fading Channel. IEEE Communications Letters, 2014, 18, 1787-1790.	4.1	19
401	Opportunistic Downlink Scheduling With Resource-Based Fairness and Feedback Reduction in Distributed Antenna Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 5007-5021.	6.3	19
402	Energy-Efficient Adaptive Transmission of Scalable Video Streaming in Cognitive Radio Communications. IEEE Systems Journal, 2016, 10, 761-772.	4.6	19
403	Toward an Energy and Resource Efficient Internet of Things: A Design Principle Combining Computation, Communications, and Protocols. IEEE Communications Magazine, 2018, 56, 89-95.	6.1	19
404	Resource Allocation for Secure MISO-NOMA Cognitive Radios Relying on SWIPT. , 2018, , .		19
405	Exogenous Coordination for Building Fog-Based Cyber Physical Social Computing and Networking Systems. IEEE Access, 2018, 6, 31740-31749.	4.2	19
406	Coalitional Graph Game for Air-to-Air and Air-to-Ground Cognitive Spectrum Sharing. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2959-2977.	4.7	19
407	A SIP-Based Seamless-Handoff (S-SIP) Scheme for Heterogeneous Mobile Networks. , 2007, , .		18
408	Cooperative Communications with Relay Selection for QoS Provisioning in Wireless Sensor Networks. , 2009, , .		18
409	Denial of Service Attacks in Cognitive Radio Networks through Channel Eviction Triggering. , 2010, , .		18
410	An ultra-low-power SAR ADC with an area-efficient DAC architecture. , 2011, , .		18
411	Forming priority based and energy balanced ZigBee networksâ€"a pricing approach. Telecommunication Systems, 2011, 52, 1281.	2.5	18
412	Body Area Networks. Springer Series on Chemical Sensors and Biosensors, 2012, , 17-37.	0.5	18
413	Wireless Body Area Network Node Localization Using Small-Scale Spatial Information. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 715-726.	6.3	18
414	Quality-of-Experience Optimization for a Cloud Gaming System With <italic>Ad Hoc</italic> Cloudlet Assistance. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 2092-2104.	8.3	18

#	Article	IF	Citations
415	Cooperative Pseudo-Bayesian Backoff Algorithms for Unsaturated CSMA Systems with Multi-Packet Reception. IEEE Transactions on Mobile Computing, 2015, 14, 302-315.	5.8	18
416	Crowdsourcing-Based Content-Centric Network: A Social Perspective. IEEE Network, 2017, 31, 28-34.	6.9	18
417	Utilization of Antibiotics in Long-Term Care Facilities in British Columbia, Canada. Journal of the American Medical Directors Association, 2017, 18, 1098.e1-1098.e11.	2.5	18
418	Dynamic Spectrum Access Networks With Heterogeneous Users: How to Price the Spectrum?. IEEE Transactions on Vehicular Technology, 2018, 67, 5203-5216.	6.3	18
419	Joint Fronthaul Multicast and Cooperative Beamforming for Cache-Enabled Cloud-Based Small Cell Networks: An MDS Codes-Aided Approach. IEEE Transactions on Wireless Communications, 2019, 18, 4970-4982.	9.2	18
420	Machine Learning Based Physical-Layer Intrusion Detection and Location for the Smart Grid. , 2019, , .		18
421	Beh-Raft-Chain: A Behavior-Based Fast Blockchain Protocol for Complex Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1154-1166.	6.4	18
422	Channel Resource Scheduling for Stringent Demand of Emergency Data Transmission in WBANs. IEEE Transactions on Wireless Communications, 2021, 20, 2341-2352.	9.2	18
423	EdgeKE: An On-Demand Deep Learning IoT System for Cognitive Big Data on Industrial Edge Devices. IEEE Transactions on Industrial Informatics, 2021, 17, 6144-6152.	11.3	18
424	An Online Multipath Routing Algorithm for Maximizing Lifetime in Wireless Sensor Networks. , 2009, , .		17
425	Multiobjective Routing for Simultaneously Optimizing System Lifetime and Source-to-Sink Delay in Wireless Sensor Networks. , 2009, , .		17
426	Directional source grouping for multi-agent itinerary planning in wireless sensor networks. , 2010, , .		17
427	Energy-Efficient Spectrum Discovery for Cognitive Radio Green Networks. Mobile Networks and Applications, 2012, 17, 64-74.	3.3	17
428	Advanced technologies and applications for Highly-Reliable Cyber Physical System (HRCPS). Journal of Supercomputing, 2013, 66, 1-3.	3.6	17
429	Realization of Public M-Health Service in License-Free Spectrum. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 19-29.	6.3	17
430	Distributed resource allocation in full-duplex relaying networks with wireless virtualization. , 2014, , .		17
431	Performance Analysis of Full-Duplex Relaying Employing Fiber-Connected Distributed Antennas. IEEE Transactions on Vehicular Technology, 2014, 63, 146-160.	6.3	17
432	Cross-Layer Design for Prompt and Reliable Transmissions Over Body Area Networks. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1303-1316.	6.3	17

#	Article	IF	Citations
433	Energy Efficient Joint User Association and Power Allocation in a Two-Tier Heterogeneous Network. , 2016, , .		17
434	CDF-Based Scheduling Algorithm for Proportional Throughput Fairness. IEEE Communications Letters, 2016, 20, 1034-1037.	4.1	17
435	Energy efficient power allocation and backhaul design in heterogeneous small cell networks. , 2016, , .		17
436	Network Coding-Based Reliable IPv6 Packet Delivery Over IEEE 802.15.4 Wireless Personal Area Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2219-2230.	6.3	17
437	To Align or Not to Align: Topology Management in Asymmetric Interference Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7164-7177.	6.3	17
438	Joint Access Selection and Resource Allocation in Cache-Enabled HCNs with D2D Communications. , 2017, , .		17
439	Exploiting Opportunistic Scheduling in Uplink Wiretap Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 4886-4897.	6.3	17
440	Dynamic Cross-Layer Beamforming in Hybrid Powered Communication Systems With Harvest-Use-Trade Strategy. IEEE Transactions on Wireless Communications, 2017, 16, 8011-8025.	9.2	17
441	Ad-Hoc Cloudlet Based Cooperative Cloud Gaming. IEEE Transactions on Cloud Computing, 2018, 6, 625-639.	4.4	17
442	Clinical heterogeneity of patients with stool samples testing PCR+/Toxâˆ’ from a two-step Clostridium difficile diagnostic algorithm. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 2355-2359.	2.9	17
443	An Adaptive and Energy-Efficient Algorithm for Surface Gateway Deployment in Underwater Optical/Acoustic Hybrid Sensor Networks. IEEE Communications Letters, 2018, 22, 1810-1813.	4.1	17
444	JSSA: Joint Sidelobe Suppression Approach for Collaborative Beamforming in Wireless Sensor Networks. IEEE Access, 2019, 7, 151803-151817.	4.2	17
445	Energy Efficient User Clustering and Hybrid Precoding for Terahertz MIMO-NOMA Systems. , 2020, , .		17
446	A Voting Blockchain based Message Dissemination in Vehicular Ad-Hoc Networks (VANETs). , 2020, , .		17
447	Joint Long-Term Cache Updating and Short-Term Content Delivery in Cloud-Based Small Cell Networks. IEEE Transactions on Communications, 2020, 68, 3173-3186.	7.8	17
448	SARS-CoV-2 RNA Quantification Using Droplet Digital RT-PCR. Journal of Molecular Diagnostics, 2021, 23, 907-919.	2.8	17
449	Virtual Coordinates Based Routing in Wireless Sensor Networks. Sensor Letters, 2006, 4, 325-330.	0.4	17
450	Improvement of WLAN Contention Resolution by Loss Differentiation. IEEE Transactions on Wireless Communications, 2006, 5, 3605-3615.	9.2	16

#	ARTICLE	IF	CITATIONS
451	Use of non-monotonic utility in multi-attribute network selection. , 2007, , .		16
452	Pre-Authentication Schemes for UMTS-WLAN Interworking. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	16
453	An Approach for Building Scalable Proxy Mobile IPv6 Domains. IEEE Transactions on Network and Service Management, 2011, 8, 176-189.	4.9	16
454	Improved IP Multimedia Subsystem authentication mechanism for 3G-WLAN networks. International Journal of Security and Networks, 2011, 6, 90.	0.2	16
455	A semantics-based multi-agent framework for vehicular social network development. , 2011, , .		16
456	Outage Probability of MRC Diversity over Correlated Shadowed Fading Channels. IEEE Wireless Communications Letters, 2012, 1, 516-519.	5.0	16
457	Towards a service centric contextualized vehicular cloud. , 2014, , .		16
458	A high-sensitivity fully passive wake-up radio front-end for wireless sensor nodes. , 2014, , .		16
459	Energy Efficient Resource Allocation for OFDMA Full Duplex Distributed Antenna Systems with Energy Recycling. , 2015, , .		16
460	Cognitive Resource Optimization for the Decomposed Cloud Gaming Platform. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 2038-2051.	8.3	16
461	MIMO-Assisted Handoff Scheme for Communication-Based Train Control Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 1578-1590.	6.3	16
462	Enhancing Timer-Based Power Management to Support Delay-Intolerant Uplink Traffic in Infrastructure IEEE 802.11 WLANs. IEEE Transactions on Vehicular Technology, 2015, 64, 386-399.	6.3	16
463	Joint computation and communication resource allocation in mobile-edge cloud computing networks. , 2016, , .		16
464	A Fairness-Aware Pricing Methodology for Revenue Enhancement in Service Cloud Infrastructure. IEEE Systems Journal, 2017, 11, 1006-1017.	4.6	16
465	Sum-Power Minimization Problem in Multisource Single-AF-Relay Networks: A New Revisit to Study the Optimality. IEEE Transactions on Vehicular Technology, 2017, 66, 9958-9971.	6.3	16
466	Delay Analysis and Time-Critical Protocol Design for In-Vehicle Power Line Communication Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3-16.	6.3	16
467	Energy-Efficient Power Allocation with Interference Mitigation in MmWave-Based Fog Radio Access Networks. IEEE Wireless Communications, 2018, 25, 25-31.	9.0	16
468	Proactive Jamming Toward Interference Alignment Networks: Beneficial and Adversarial Aspects. IEEE Systems Journal, 2019, 13, 412-423.	4.6	16

#	Article	IF	Citations
469	Timely Information Update With Nonorthogonal Multiple Access. IEEE Transactions on Industrial Informatics, 2021, 17, 4096-4106.	11.3	16
470	Deep Learning for SWIPT: Optimization of Transmit-Harvest-Respond in Wireless-Powered Interference Channel. IEEE Transactions on Wireless Communications, 2021, 20, 5018-5033.	9.2	16
471	Optimal and Approximate Mobility-Assisted Opportunistic Scheduling in Cellular Networks. IEEE Transactions on Mobile Computing, 2007, 6, 633-648.	5.8	15
472	VSSA. , 2012, , .		15
473	IP Multimedia subsystem authentication protocol in LTE-heterogeneous networks. Human-centric Computing and Information Sciences, 2012, 2, .	6.1	15
474	Information-Centric Networking for VANETs. , 2015, , 503-524.		15
475	An efficient sub-frame based tag identification algorithm for UHF RFID systems. , 2016, , .		15
476	Comparison of outcomes in patients with methicillin-susceptible Staphylococcus aureus (MSSA) bacteremia who are treated with Î²-lactam vs vancomycin empiric therapy: a retrospective cohort study. BMC Infectious Diseases, 2016, 16, 224.	2.9	15
477	Coverage Performance in Multistream MIMO-ZFBF Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 6801-6818.	6.3	15
478	Delay-Optimal Biased User Association in Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7360-7371.	6.3	15
479	Optimal Resource Allocation for Green and Clustered Video Sensor Networks. IEEE Systems Journal, 2018, 12, 2117-2128.	4.6	15
480	Performance Analysis for BDPSK Modulated SWIPT Cooperative Systems With Nonlinear Energy Harvesting Model. IEEE Access, 2018, 6, 42373-42383.	4.2	15
481	Secure Distributed On-Device Learning Networks with Byzantine Adversaries. IEEE Network, 2019, 33, 180-187.	6.9	15
482	Proof-of-Play. , 2019, , .		15
483	Massive MIMO Channel Estimation Over the mmWave Systems Through Parameters Learning. IEEE Communications Letters, 2019, 23, 672-675.	4.1	15
484	Spatiotemporal Correlation-Based Environmental Monitoring System in Energy Harvesting Internet of Things (IoT). IEEE Transactions on Industrial Informatics, 2019, 15, 2958-2968.	11.3	15
485	Energy consumption optimization for selfâ€powered IoT networks with nonâ€orthogonal multiple access. International Journal of Communication Systems, 2020, 33, e4174.	2.5	15
486	RNN-K: A Reinforced Newton Method for Consensus-Based Distributed Optimization and Control Over Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 4012-4026.	9.5	15

#	Article	IF	Citations
487	Transaction Throughput Optimization for Integrated Blockchain and MEC System in IoT. IEEE Transactions on Wireless Communications, 2022, 21, 1022-1036.	9.2	15
488	On Resource Allocation of Cooperative Multiple Access Strategy in Energy-Efficient Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 1069-1078.	11.3	15
489	Efficient Resource Allocation for Multi-Beam Satellite-Terrestrial Vehicular Networks: A Multi-Agent Actor-Critic Method With Attention Mechanism. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2727-2738.	8.0	15
490	Joint Client Selection and Bandwidth Allocation Algorithm for Federated Learning. IEEE Transactions on Mobile Computing, 2023, 22, 3380-3390.	5.8	15
491	Influence Maximization in Complex Networks by Using Evolutionary Deep Reinforcement Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 995-1009.	4.9	15
492	Performance evaluations of path optimization schemes for inter-switch handoffs in wireless ATM networks. , 1998, , .		14
493	A Pseudo-Bayesian ALOHA Algorithm with Mixed Priorities. Wireless Networks, 2001, 7, 55-63.	3.0	14
494	Connection Admission Control for PCS-to-Internet Protocol Internetworking. International Journal of Wireless Information Networks, 2002, 9, 1-12.	2.7	14
495	Cross-layer enhancement of TCP split-connections over satellites links. International Journal of Satellite Communications and Networking, 2006, 24, 405-418.	1.8	14
496	Channel Clustering and Probabilistic Channel Visiting Techniques for WLAN Interference Mitigation in Bluetooth Devices. IEEE Transactions on Electromagnetic Compatibility, 2007, 49, 914-923.	2.2	14
497	Design and evaluation of a novel wireless three-pad ECG system for generating conventional 12-lead signals. , 2010, , .		14
498	Analysis of broadcasting delays in vehicular <i>ad hoc</i> networks. Wireless Communications and Mobile Computing, 2011, 11, 1433-1445.	1.2	14
499	Providing Desirable Data to Users When Integrating Wireless Sensor Networks with Mobile Cloud. , 2013, , .		14
500	A ring-based multicast routing topology with QoS support in wireless mesh networks. Wireless Networks, 2013, 19, 1627-1651.	3.0	14
501	Enhanced Network Coding to Maintain Privacy in Smart Grid Communication. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 286-296.	4.6	14
502	A Service-Oriented Mobile Social Networking Platform for Disaster Situations. , 2013, , .		14
503	Ad Hoc Cloudlet Based Cooperative Cloud Gaming. , 2014, , .		14
504	An ultra-low-power CMOS voltage-controlled ring oscillator for passive RFID tags. , 2014, , .		14

#	Article	IF	Citations
505	Energy Efficiency as an Orchestration Service for Mobile Internet of Things. , 2015, , .		14
506	Uplink Scheduler for SC-FDMA-Based Heterogeneous Traffic Networks With QoS Assurance and Guaranteed Resource Utilization. IEEE Transactions on Vehicular Technology, 2015, 64, 4780-4796.	6.3	14
507	Resource Allocation in SWIPT Enabled Heterogeneous Cloud Small Cell Networks with Incomplete CSI. , 2016, , .		14
508	Distributed Resource Allocation in Virtualized Full-Duplex Relaying Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 8444-8460.	6.3	14
509	UBCGaming: Ubiquitous Cloud Gaming System. IEEE Systems Journal, 2018, 12, 2483-2494.	4.6	14
510	A Saliency Map Fusion Method Based on Weighted DS Evidence Theory. IEEE Access, 2018, 6, 27346-27355.	4.2	14
511	Research on Channel Power Allocation of Fog Wireless Access Network Based on NOMA. IEEE Access, 2019, 7, 32867-32873.	4.2	14
512	A Deep Reinforcement Learning-Based Transcoder Selection Framework for Blockchain-Enabled Wireless D2D Transcoding. IEEE Transactions on Communications, 2020, 68, 3426-3439.	7.8	14
513	Fog Computing Vehicular Network Resource Management Based on Chemical Reaction Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 1770-1781.	6.3	14
514	Robust Cooperative Communication Optimization for Multi-UAV-Aided Vehicular Networks. IEEE Wireless Communications Letters, 2021, 10, 780-784.	5.0	14
515	A Multi-Attribute Handover Algorithm for QoS Enhancement in Ultra Dense Network. IEEE Transactions on Vehicular Technology, 2021, 70, 4557-4568.	6.3	14
516	Adaptive Coordinated Direct and Relay Transmission for NOMA Networks: A Joint Downlink-Uplink Scheme. IEEE Transactions on Wireless Communications, 2021, 20, 4328-4346.	9.2	14
517	Performance Optimization of Serverless Computing for Latency-Guaranteed and Energy-Efficient Task Offloading in Energy-Harvesting Industrial IoT. IEEE Internet of Things Journal, 2023, 10, 1897-1907.	8.7	14
518	A wireless local area network employing distributed radio bridges. Wireless Networks, 1996, 2, 97-107.	3.0	13
519	Service delivery over heterogeneous wireless systems. , 2006, , .		13
520	A novel multiple access scheme over multi-packet reception channels for wireless multimedia networks. IEEE Transactions on Wireless Communications, 2007, 6, 1501-1511.	9.2	13
521	IPSA: a novel architecture design for integrating IP and sensor networks. International Journal of Sensor Networks, 2009, 5, 48.	0.4	13
522	A Unified Scheduling Framework Based on Virtual Timers for Selfish-Policy Shared Spectrum. , 2010, , .		13

#	Article	IF	Citations
523	A robust coexistence scheme for IEEE 802.15.4 wireless personal area networks. , 2011, , .		13
524	A Coalition Formation Game for Energy-Efficient Cooperative Spectrum Sensing in Cognitive Radio Networks with Multiple Channels. , 2011, , .		13
525	Advances in multimedia communications. International Journal of Communication Systems, 2011, 24, 1243-1245.	2.5	13
526	A particle swarm optimization algorithm for resource allocation in femtocell networks. , 2012, , .		13
527	Smart grid multilayer consensus password-authenticated key exchange protocol. , 2012, , .		13
528	A content adaptive complexity reduction scheme for HEVC-based 3D video coding. , 2013, , .		13
529	An efficiency enhancement technique for CMOS rectifiers with low start-up voltage for UHF RFID tags. , 2013, , .		13
530	Password-authenticated cluster-based group key agreement for smart grid communication. Security and Communication Networks, 2014, 7, 221-233.	1.5	13
531	A rate adaptation approach for streaming multiview plus depth content. , 2014, , .		13
532	Context-aware dissemination of information and services in heterogeneous network environments. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 775-787.	4.9	13
533	Health Drive: Mobile Healthcare Onboard Vehicles to Promote Safe Driving. , 2015, , .		13
534	Towards Integration of Wireless Sensor Networks and Cloud Computing. , 2015, , .		13
535	IEEE 802.15.4 Beaconing Strategy and the Coexistence Problem in ISM Band. IEEE Transactions on Smart Grid, 2015, 6, 1463-1472.	9.0	13
536	Outage Probability Characterization of CoMP-Joint Transmission With Path-Loss and Rayleigh Fading. IEEE Communications Letters, 2015, 19, 78-81.	4.1	13
537	A full-duplex self-backhaul scheme for small cell networks with massive MIMO. , 2016, , .		13
538	Network Coding as a Performance Booster for Concurrent Multi-Path Transfer of Data in Multi-Hop Wireless Networks. IEEE Transactions on Mobile Computing, 2017, 16, 1047-1058.	5.8	13
539	On the Performance of MIMO-SVD Multiplexing Systems in HetNets: A Stochastic Geometry Perspective. IEEE Transactions on Vehicular Technology, 2017, 66, 8163-8178.	6.3	13
540	Secure Communications in CIoT Networks with a Wireless Energy Harvesting Untrusted Relay. Sensors, 2017, 17, 2023.	3.8	13

#	Article	IF	Citations
541	Coverage Analysis of Max-SIR Cell Association in HetNets Under Nakagami Fading. IEEE Transactions on Vehicular Technology, 2018, 67, 2420-2438.	6.3	13
542	On the Design of Power Splitting Relays With Interference Alignment. IEEE Transactions on Communications, 2018, 66, 1411-1424.	7.8	13
543	Statistical Delay-QoS Aware Joint Power Allocation and Relaying Link Selection for Free Space Optics Based Fronthaul Networks. IEEE Transactions on Communications, 2018, 66, 1124-1138.	7.8	13
544	Integrated Computing, Caching, and Communication for Trust-Based Social Networks: A Big Data DRL Approach. , 2018, , .		13
545	Resource Allocation for Video Transcoding and Delivery Based on Mobile Edge Computing and Blockchain. , 2018, , .		13
546	Modeling and Performance Analysis of UAV-Assisted Cellular Networks in Isolated Regions. , 2018, , .		13
547	Energy-Efficient Secure NOMA-Enabled Mobile Edge Computing Networks. , 2019, , .		13
548	An Efficient Ciphertext-Policy Attribute-Based Encryption Scheme Supporting Collaborative Decryption With Blockchain. IEEE Internet of Things Journal, 2022, 9, 2722-2733.	8.7	13
549	Genetic Algorithms with Variant Particle Swarm Optimization Based Mutation for Generic Controller Placement in Software-Defined Networks. Symmetry, 2021, 13, 1133.	2.2	13
550	Analysis of Traffic Performance on Network Slicing Using Complex Network Theory. IEEE Transactions on Vehicular Technology, 2020, 69, 15188-15199.	6.3	13
551	Integrating Edge Intelligence and Blockchain: What, Why, and How. IEEE Communications Surveys and Tutorials, 2022, 24, 2193-2229.	39.4	13
552	WSNp1-7: Distributed Multicast Algorithms for Lifetime Maximization in Wireless Ad Hoc Networks with Omni-directional and Directional Antennas. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	12
553	Local fast re-authentication protocol for 3G-WLAN interworking architecture. , 2007, , .		12
554	Biometric€based user authentication in mobile <i>ad hoc</i> networks. Security and Communication Networks, 2008, 1, 5-16.	1.5	12
555	Utility-Based Rate-Controlled Parallel Wireless Transmission of Multimedia Streams with Multiple Importance Levels. IEEE Transactions on Mobile Computing, 2009, 8, 81-92.	5.8	12
556	Peer-to-peer file sharing over wireless mesh networks. , 2009, , .		12
557	Exploring the Multicast Lifetime Capacity of WANETs with Directional Multibeam Antennas. , 2009, , .		12
558	Two-fold pricing to guarantee individual profits and maximum social welfare in multi-hop wireless access networks. IEEE Transactions on Wireless Communications, 2009, 8, 4110-4121.	9.2	12

#	Article	IF	Citations
559	A Distributed Algorithm for Min-Max Tree and Max-Min Cut Problems in Communication Networks. IEEE/ACM Transactions on Networking, 2010, 18, 1067-1076.	3.8	12
560	A Data Fusion Approach to Context-Aware Service Delivery in Heterogeneous Network Environments. Procedia Computer Science, 2011, 5, 312-319.	2.0	12
561	WLAN-WiMAX Double-Technology Routing for Vehicular Networks. , 2011, , .		12
562	Non-negative sparse coding for human action recognition. , 2012, , .		12
563	Efficient authentication and key management for the Home Area Network. , 2012, , .		12
564	Throughput Upper-Bound of Slotted CSMA Systems with Unsaturated Finite Population. IEEE Transactions on Communications, 2013, 61, 2477-2487.	7.8	12
565	Non-intrusive human activity monitoring in a smart home environment. , 2013, , .		12
566	Decomposed cloud games: Design principles and challenges. , 2014, , .		12
567	Distributed FlowVisor: a distributed FlowVisor platform for quality of service aware cloud network virtualisation. IET Networks, 2015, 4, 270-277.	1.8	12
568	Secrecy analysis of multiuser downlink wiretap networks with opportunistic scheduling. , 2015, , .		12
569	Delay-QoS-Aware Adaptive Modulation and Power Allocation for Dual-Channel Coherent OWC. Journal of Optical Communications and Networking, 2018, 10, 138.	4.8	12
570	Joint Access and Resource Management for Delay-Sensitive Transcoding in Ultra-Dense Networks with Mobile Edge Computing. , 2018, , .		12
571	Cross-Layer Scheduling and Beamforming in Smart-Grid Powered Cellular Networks With Heterogeneous Energy Coordination. IEEE Transactions on Communications, 2020, 68, 2711-2725.	7.8	12
572	Edge Caching Replacement Optimization for D2D Wireless Networks via Weighted Distributed DQN. , 2020, , .		12
573	TMA-DPSO: Towards Efficient Multi-Task Allocation With Time Constraints for Next Generation Multiple Access. IEEE Journal on Selected Areas in Communications, 2022, 40, 1652-1666.	14.0	12
574	Fair Downlink Communications for RIS-UAV Enabled Mobile Vehicles. IEEE Wireless Communications Letters, 2022, 11, 1042-1046.	5.0	12
575	Energy Efficient Joint Computation Offloading and Service Caching for Mobile Edge Computing: A Deep Reinforcement Learning Approach. IEEE Transactions on Green Communications and Networking, 2023, 7, 950-961.	5.5	12
576	A path optimization signalling protocol for inter-switch handoff in wireless ATM networks. Computer Networks, 1999, 31, 975-984.	5.1	11

#	Article	IF	Citations
577	A scalable distributed multicast algorithm for lifetime maximization in large-scale resource-limited multihop wireless networks. , 2006, , .		11
578	Approximation algorithms for longest-lived directional multicast communications in WANETs. , 2007, , .		11
579	Efficient Methods for Performance Evaluations of Call Admission Control Schemes in Multi-Service Cellular Networks. IEEE Transactions on Wireless Communications, 2008, 7, 3468-3476.	9.2	11
580	Distributed Multisource Transmission in Wireless Mobile Peer-to-Peer Networks: A Restless-Bandit Approach. IEEE Transactions on Vehicular Technology, 2010, 59, 420-430.	6.3	11
581	Modeling and simulation of vehicular networks. , 2011, , .		11
582	Dynamic segmented network coding for reliable data dissemination in delay tolerant networks. , 2012, , .		11
583	On multipath balancing and expanding for wireless multimedia sensor networks. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 9, 95.	0.5	11
584	Cognitive wireless local area network over fibers: Architecture, research issues and testbed implementation. , 2012, 50, 107-113.		11
585	Profiling Energy Efficiency and Data Communications for Mobile Internet of Things. Wireless Communications and Mobile Computing, 2017, 2017, 1-15.	1.2	11
586	Cooperative Content Transmission for Vehicular Ad Hoc Networks using Robust Optimization. , 2018, , .		11
587	An Efficient and Accurate Link Latency Monitoring Method for Low-Latency Software-Defined Networks. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 377-391.	4.7	11
588	QoE-Oriented Resource Optimization for Mobile Cloud Gaming: A Potential Game Approach. , 2019, , .		11
589	Energy Utilization-Aware Operation Control Algorithm in Energy Harvesting Base Stations. IEEE Internet of Things Journal, 2019, 6, 10824-10833.	8.7	11
590	Secure Interference Exploitation Precoding in MISO Wiretap Channel: Destructive Region Redefinition With Efficient Solutions. IEEE Transactions on Information Forensics and Security, 2021, 16, 402-417.	6.9	11
591	Deep-Reinforcement-Learning-Based Latency Minimization in Edge Intelligence Over Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 1300-1312.	8.7	11
592	Deep Dyna-Reinforcement Learning Based on Random Access Control in LEO Satellite IoT Networks. IEEE Internet of Things Journal, 2022, 9, 14818-14828.	8.7	11
593	Coordinated Direct and Relay Transmission for Multiuser Networks: NOMA or Hybrid Multiple Access?. IEEE Wireless Communications Letters, 2021, 10, 976-980.	5.0	11
594	A Novel Adaptive Gradient Compression Scheme: Reducing the Communication Overhead for Distributed Deep Learning in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 11476-11486.	8.7	11

#	Article	IF	Citations
595	Device-Clustering and Rate-Splitting Enabled Device-to-Device Cooperation Framework in Fog Radio Access Network. IEEE Transactions on Green Communications and Networking, 2021, 5, 1482-1501.	5.5	11
596	Tree-Based Distributed Multicast Algorithms for Directional Communications and Lifetime Optimization in Wireless Ad Hoc Networks. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	2.4	10
597	Evaluations of Achievable Rate and Power Consumption in Cooperative Cellular Networks With Two Classes of Nodes. IEEE Transactions on Vehicular Technology, 2008, 57, 1166-1175.	6.3	10
598	Proportional Fair Scheduling in Multi-Carrier Networks Using Channel Predictions. , 2010, , .		10
599	Maximum Lifetime Broadcast and Multicast Routing in Unreliable Wireless Ad-Hoc Networks. , 2010, , .		10
600	Next generation mobility management: an introduction. Wireless Communications and Mobile Computing, 2011, 11, 446-458.	1.2	10
601	Data dissemination for delay tolerant vehicular networks. , 2013, , .		10
602	Hybrid Spectrum Sensing Based Power Control for Energy Efficient Cognitive Small Cell Network. , 2015, , .		10
603	Software Defined Mobile Cloudlet. Mobile Networks and Applications, 2015, 20, 337-347.	3.3	10
604	A reliable and energy efficient IoT data transmission scheme for smart cities based on redundant residue based error correction coding. , 2015, , .		10
605	Energy saving in C-RAN based on BBU switching scheme. , 2016, , .		10
606	Channel-, Queue-, and Delay-Aware Resource Allocation in Buffer-Aided Relay-Enhanced OFDMA Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2397-2412.	6.3	10
607	Coding Schemes to Minimize Energy Consumption of Communication Links in Wireless Nanosensor Networks. IEEE Internet of Things Journal, 2016, 3, 480-493.	8.7	10
608	Proportional Fairness-Based Beamforming and Signal Splitting for MISO-SWIPT Systems. IEEE Communications Letters, 2017, 21, 1135-1138.	4.1	10
609	Cable Health Monitoring in Distribution Networks using Power Line Communications. , 2018, , .		10
610	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks with Energy Harvesting. , 2018, , .		10
611	Q-Learning Based Edge Caching Optimization for D2D Enabled Hierarchical Wireless Networks. , 2018, , .		10
612	Optimal Distributed Interference Mitigation for Small Cell Networks With Non-Orthogonal Multiple Access: A Locally Cooperative Game. IEEE Access, 2018, 6, 63107-63119.	4.2	10

#	Article	IF	Citations
613	Resource allocation for cache-enabled cloud-based small cell networks. Computer Communications, 2018, 127, 20-29.	5.1	10
614	Transmission Mechanism and Performance Analysis of Multiuser Opportunistic Beamforming in Rayleigh and Rician Fading Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 9459-9473.	6.3	10
615	Guest Editorial Special Issue on Cognitive Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2259-2262.	8.7	10
616	Compute-and-Forward for Uplink Non-Orthogonal Multiple Access. IEEE Wireless Communications Letters, 2018, 7, 986-989.	5.0	10
617	Improving the Security of Wireless Communications on High-Speed Trains by Efficient Authentication in SCN-R. IEEE Transactions on Vehicular Technology, 2019, 68, 7283-7295.	6.3	10
618	Artificial-Noise-Aided Nonlinear Secure Transmission for Multiuser Multi-Antenna Systems With Finite-Rate Feedback. IEEE Transactions on Communications, 2019, 67, 2274-2293.	7.8	10
619	Polarization Jones Vector Distance Statistics-Based Full-Duplex Primary Signal Extraction for Cognitive Radios. IEEE Transactions on Communications, 2019, 67, 2689-2701.	7.8	10
620	Hypergraph Spectral Clustering Based Spectrum Resource Allocation for Dense NOMA-HetNet. IEEE Wireless Communications Letters, 2019, 8, 305-308.	5.0	10
621	Profit Maximizing Smart Manufacturing Over AI-Enabled Configurable Blockchains. IEEE Internet of Things Journal, 2022, 9, 346-358.	8.7	10
622	Case report: failure of subcutaneous ivermectin in treating Strongyloides hyperinfection. American Journal of Tropical Medicine and Hygiene, 2008, 79, 853-5.	1.4	10
623	An Efficient Multiple Description Coding Scheme for the Scalable Extension of H.264/AVC (SVC). , 2006, , .		9
624	Third-Party Handshake Protocol for Efficient Peer Discovery and Route Optimization in IEEE 802.15.3 WPANs. Mobile Networks and Applications, 2006, 11, 681-695.	3.3	9
625	Local fast re-authentication for 3G-WLAN interworking. Security and Communication Networks, 2008, 1, 309-323.	1.5	9
626	Architectural aspects of automated network selection in heterogeneous wireless systems. International Journal of Ad Hoc and Ubiquitous Computing, 2009, 4, 282.	0.5	9
627	Collision Avoidance and Mitigation in Cognitive Wireless Local Area Network over Fibre. , 2009, , .		9
628	Multi-User Medium Access Control in Wireless Local Area Network. , 2010, , .		9
629	Design and Analysis of Cross-Layer Contention Resolution Algorithms for Multi-Packet Reception Slotted ALOHA Systems. IEEE Transactions on Wireless Communications, 2011, 10, 825-833.	9.2	9
630	Access Point Selection for WLANs with Cognitive Radio: A Restless Bandit Approach. , 2011, , .		9

#	Article	IF	Citations
631	Towards QoS Assurance with Revenue Maximization of LTE Uplink Scheduling. , 2011, , .		9
632	Collaborative routing and camera selection for visual wireless sensor networks. IET Communications, 2011, 5, 2443-2450.	2.2	9
633	Link-preserving interference-minimization channel assignment in multi-radio wireless mesh networks. , 2012, , .		9
634	Orthogonal Transmissions for Spectrum Underlay MISO Cognitive Radio. IEEE Transactions on Wireless Communications, 2012, 11, 1266-1270.	9.2	9
635	Rank-optimal channel selection strategy in cognitive networks. , 2012, , .		9
636	Robust privacy-preserving authentication scheme for communication between electric vehicle as power energy storage and power stations. , 2013, , .		9
637	Human action recognition using meta learning for RGB and depth information. , 2014, , .		9
638	Efficiency enhancement techniques and a dual-band approach in RF rectifiers for wireless power harvesting. , 2014, , .		9
639	A Real-Time MAC Protocol for In-Vehicle Power Line Communications Based on HomePlug GP. , 2015, , .		9
640	On Fair Resource Sharing in Downlink Coordinated Multi-Point Systems. IEEE Communications Letters, 2016, 20, 1235-1238.	4.1	9
641	Guest Editorial Special Issue on 5G Wireless Systems With Massive MIMO. IEEE Systems Journal, 2017, 11, 4-6.	4.6	9
642	Guest Editorial Special Section on Internet-of-Things for Smart Cities and Urban Informatics. IEEE Transactions on Industrial Informatics, 2017, 13, 748-750.	11.3	9
643	A smart fairness mechanism for Concurrent multipath transfer in SCTP over wireless multi-hop networks. Ad Hoc Networks, 2017, 55, 40-49.	5.5	9
644	Collaborative hierarchical caching for traffic offloading in heterogeneous networks. , 2017, , .		9
645	Joint opportunistic user scheduling and power allocation: throughput optimisation and fair resource sharing. IET Communications, 2018, 12, 634-640.	2.2	9
646	From Cellular Decision Making to Adaptive Handoff in Heterogeneous Wireless Networks. IEEE Wireless Communications Letters, 2018, 7, 2-5.	5.0	9
647	Extracting the Most Weighted Throughput in UAV Empowered Wireless Systems With Nonlinear Energy Harvester. , 2018, , .		9
648	Toward Multiplayer Cooperative Cloud Gaming. IEEE Cloud Computing, 2018, 5, 70-80.	3.9	9

#	Article	IF	Citations
649	NFV/SDN-based vEPC solution in hybrid clouds. , 2018, , .		9
650	Fault Diagnostics with Legacy Power Line Modems. , 2019, , .		9
651	Minimum BER Power Allocation for Space-Time Coded Generalized Frequency Division Multiplexing Systems. IEEE Wireless Communications Letters, 2019, 8, 717-720.	5.0	9
652	Advanced Smart Grid Monitoring: Intelligent Cable Diagnostics using Neural Networks. , 2020, , .		9
653	Energy Efficient User Association, Resource Allocation and Caching Deployment in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1846-1856.	6.3	9
654	Reconfigurable Intelligent Surface With Energy Harvesting Assisted Cooperative Ambient Backscatter Communications. IEEE Wireless Communications Letters, 2022, 11, 1283-1287.	5.0	9
655	Online Reliability-Enhanced Virtual Network Services Provisioning in Fault-Prone Mobile Edge Cloud. IEEE Transactions on Wireless Communications, 2022, 21, 7299-7313.	9.2	9
656	Joint Optimization of Energy Conservation and Privacy Preservation for Intelligent Task Offloading in MEC-Enabled Smart Cities. IEEE Transactions on Green Communications and Networking, 2022, 6, 1671-1682.	5.5	9
657	Age of Information With Collision-Resolution Random Access. IEEE Transactions on Vehicular Technology, 2022, 71, 11295-11300.	6.3	9
658	Capacity Planning for Group-Mobility Users in OFDMA Wireless Networks. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	2.4	8
659	On the Packet Reordering of mSCTP for Vertical Handover in Heterogneous Wireless Networks. , 2008, , .		8
660	Reducing re-authentication delays during UMTS-WLAN vertical handovers. , 2008, , .		8
661	Enhancing interoperability in heterogeneous mobile wireless networks for disaster response. IEEE Transactions on Wireless Communications, 2009, 8, 2424-2433.	9.2	8
662	Energy Efficient Distributed Relay Selection in Wireless Cooperative Networks with Finite State Markov Channels. , 2009, , .		8
663	Programmable Middleware for Wireless Sensor Networks Applications Using Mobile Agents. Mobile Networks and Applications, 2010, 15, 853-865.	3.3	8
664	A Stackelberg game for cooperative transmission and random access in cognitive radio networks. , 2011, , .		8
665	Semantic based networking of information in vehicular clouds based on dimensionality reduction. , 2013, , .		8
666	One Bit Feedback for CDF-Based Scheduling with Resource Sharing Constraints. IEEE Transactions on Wireless Communications, 2013, 12, 6281-6291.	9.2	8

#	Article	IF	Citations
667	Encoding and communication energy consumption trade-off in H.264/AVC based video sensor network. , 2013, , .		8
668	A Terminal-Assisted Bayesian Broadcasting Algorithm for S-ALOHA Systems with Finite Population of Multi-Buffered Terminals. IEEE Communications Letters, 2013, 17, 2064-2067.	4.1	8
669	Spoofing prevention using received signal strength for ZigBee-based home area networks. , 2013, , .		8
670	Unveiling 5G wireless networks: emerging research advances, prospects, and challenges [Guest Editorial]. IEEE Network, 2014, 28, 3-5.	6.9	8
671	A graph-based resource allocation scheme with interference coordination in small cell networks. , 2014, , .		8
672	A hybrid approach for cost-effective media streaming based on prediction of demand in community networks. Telecommunication Systems, 2015, 59, 329-343.	2.5	8
673	Coverage Performance of MIMO-MRC in Heterogeneous Networks: A Stochastic Geometry Perspective. , 2016, , .		8
674	Energy-efficient power allocation for multi-user single-AF-relay underlay cognitive radio networks. Computer Networks, 2016, 103, 115-128.	5.1	8
675	Collusive Eavesdropping in Interference Alignment Based Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 5549-5561.	9.2	8
676	Improving handover of 5G networks by network function virtualization and fog computing. , 2017, , .		8
677	Resource Allocation in Software Defined Fog Vehicular Networks. , 2017, , .		8
678	Efficient Access Control for Broadband Power Line Communications in Home Area Networks. IEEE Transactions on Communications, 2018, 66, 1649-1660.	7.8	8
679	Cooperative Video Transmission Strategies via Caching in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12204-12217.	6.3	8
680	Mean Delay Analysis of MIMO-ZFBF Multiplexing in Random Networks Under LOS/NLOS Path-Loss Model. IEEE Transactions on Wireless Communications, 2018, 17, 5282-5299.	9.2	8
681	Artificial Intelligence for Cognitive Wireless Communications. IEEE Wireless Communications, 2019, 26, 10-11.	9.0	8
682	Joint FSO Fronthaul and Millimeter-Wave Access Link Optimization in Cloud Small Cell Networks: A Statistical-QoS Aware Approach. IEEE Transactions on Communications, 2019, 67, 4208-4226.	7.8	8
683	ChainIDE: A Cloud-Based Integrated Development Environment for Cross-Blockchain Smart Contracts. , 2019, , .		8
684	Type of Pelvic Disease as a Risk Factor for Surgical Site Infectionin Women Undergoing Hysterectomy. Journal of Minimally Invasive Gynecology, 2019, 26, 1149-1156.	0.6	8

#	Article	IF	Citations
685	Developing applications in large scale, dynamic fog computing: A case study. Software - Practice and Experience, 2020, 50, 519-532.	3.6	8
686	A Joint Iterative Optimal Resource Allocation Algorithm for Non-Orthogonal Multi-User and Multi-Weight Opportunistic Beamforming Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 2864-2877.	6.3	8
687	Coding of Multi-Source Information Streams With Age of Information Requirements. IEEE Journal on Selected Areas in Communications, 2021, 39, 1427-1440.	14.0	8
688	Energy-Spectrum Efficient Content Distribution in Fog-RAN Using Rate-Splitting, Common Message Decoding, and 3D-Resource Matching. IEEE Transactions on Wireless Communications, 2021, 20, 4929-4946.	9.2	8
689	Balanced Iterative Reducing and Clustering Using Hierarchies with Principal Component Analysis (PBirch) for Intrusion Detection over Big Data in Mobile Cloud Environment. Lecture Notes in Computer Science, 2018, , 166-177.	1.3	8
690	Application and evaluation of payment channel in hybrid decentralized ethereum token exchange. Blockchain: Research and Applications, 2020, 1, 100001.	6.7	8
691	Age of Information in Physical-Layer Network Coding Enabled Two-Way Relay Networks. IEEE Transactions on Mobile Computing, 2023, 22, 4485-4499.	5.8	8
692	An applicationâ€•and managementâ€•based approach to ATM scheduling. Telecommunication Systems, 1999, 12, 103-122.	2.5	7
693	Slope Domain Modeling and Analysis of Data Communication Networks: A Network Calculus Complement. , 2006, , .		7
694	Joint distribution of numbers of location updates and cell boundary crossings in movement-based location management schemes. IEEE Communications Letters, 2007, 11, 943-945.	4.1	7
695	An Enhanced Autorate Algorithm for Wireless Local Area Networks Employing Loss Differentiation. IEEE Transactions on Vehicular Technology, 2008, 57, 521-531.	6.3	7
696	Energy-efficient tree-based message ferrying routing schemes for wireless sensor networks. , 2008, , .		7
697	Dynamic Frequency Allocation in Fractional Frequency Reused OFDMA Networks. , 2008, , .		7
698	Connection data rate optimisation of IEEE 802.15.3 scatternets with multirate carriers. International Journal of Sensor Networks, 2008, 3, 95.	0.4	7
699	Secure and Efficient Multi-Hop Mobile IP Registration Scheme for MANET-Internet Integrated Architecture. , 2010, , .		7
700	An efficient CMOS rectifier with low-voltage operation for RFID tags. , 2011, , .		7
701	A game-theoretic approach for relay assignment over distributed wireless networks. , 2011, , .		7
702	Segmented Network Coding for Stream-Like Applications in Delay Tolerant Networks. , 2011, , .		7

#	Article	IF	Citations
703	EIBC: Enhanced Identity-Based Cryptography, a conceptual design. , 2012, , .		7
704	Distributed dynamic scheduling for Body Area Networks. , 2012, , .		7
705	Low complexity zero-forcing beamforming for distributed massive MIMO systems in large public venues. Journal of Communications and Networks, 2013, 15, 370-382.	2.6	7
706	A CMOS rectifier with an extended high-efficiency region of operation. , 2013, , .		7
707	A Distributed Power Allocation Scheme for Sum-Rate Maximization on Cognitive GMACs. IEEE Transactions on Communications, 2013, 61, 248-256.	7.8	7
708	Distributed lifetime-maximized target coverage game. ACM Transactions on Sensor Networks, 2013, 9, 1-23.	3.6	7
709	Cloud-assisted mobile computing and pervasive services [Guest Editorial]. IEEE Network, 2013, 27, 4-5.	6.9	7
710	Green cell association for multimedia transmission in cognitive heterogeneous networks. International Journal of Communication Systems, 2013, 26, 530-548.	2.5	7
711	Energy-Efficient Topology Management With Interference Cancellation in Cooperative Wireless Ad Hoc Networks. IEEE Transactions on Network and Service Management, 2014, 11, 405-416.	4.9	7
712	On the Multicast Lifetime of WANETs with Multibeam Antennas: Formulation, Algorithms, and Analysis. IEEE Transactions on Computers, 2014, 63, 1988-2001.	3.4	7
713	A trust and reputation management system for cloud and sensor networks integration. , 2014, , .		7
714	Pricing Models for Sensor-Cloud. , 2015, , .		7
715	Towards Context-Aware Mobile Crowdsensing in Vehicular Social Networks. , 2015, , .		7
716	Effective Capacity of Coherent POLMUX OWC Impaired by Atmospheric Turbulence and Pointing Errors. Journal of Lightwave Technology, 2016, 34, 5007-5022.	4.6	7
717	Performance Characterization on Random Access in LTE-Based Two-Tier Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 8528-8537.	6.3	7
718	Delay-QoS Aware Adaptive Resource Allocations for Free Space Optical Fronthaul Networks. , 2017, , .		7
719	Pricing, Caching Selection, and Content Delivery in Wireless Networks: A Hierarchical Approach. , 2017, , .		7
720	Virtual resource allocation for heterogeneous services in full duplex-enabled small cell networks with cache and MEC. , 2017, , .		7

#	Article	IF	Citations
721	Energy-Efficient Traffic Rate Adaptation for Wireless Streaming Media Transmission. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3313-3319.	8.3	7
722	Resource Allocation in Topology Management of Asymmetric Interference Networks. IEEE Systems Journal, 2018, 12, 993-1003.	4.6	7
723	Power allocation in small cell networks with full-duplex self-backhauls and massive MIMO. Wireless Networks, 2018, 24, 1083-1098.	3.0	7
724	User Oriented Resource Management With Virtualization: A Hierarchical Game Approach. IEEE Access, 2018, 6, 37070-37083.	4.2	7
725	Privacy-Preserving Global Structural Balance Computation in Signed Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 164-177.	4.4	7
726	The Effective Cooperative Diffusion Strategies With Adaptation Ability by Learning Across Adaptive Network-Wide Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4112-4126.	9.3	7
727	Guest Editorial: Special Issue on Blockchain and Edge Computing Techniques for Emerging IoT Applications. IEEE Internet of Things Journal, 2021, 8, 2082-2086.	8.7	7
728	Joint Throughput-Power Optimization of Fog-RAN Using Rate-Splitting Multiple Access and Reinforcement-Learning Based User Clustering. IEEE Transactions on Vehicular Technology, 2021, 70, 8019-8036.	6.3	7
729	Use of Non-monotonic Utility in Multi-Attribute Network Selection. Lecture Notes in Electrical Engineering, 2009, , 21-39.	0.4	7
730	Resisting Malicious Eavesdropping: Physical Layer Security of mmWave MIMO Communications in Presence of Random Blockage. IEEE Internet of Things Journal, 2022, 9, 16372-16385.	8.7	7
731	EMK-ABSE: Efficient Multikeyword Attribute-Based Searchable Encryption Scheme Through Cloud-Edge Coordination. IEEE Internet of Things Journal, 2022, 9, 18650-18662.	8.7	7
732	Time-Constrained Ensemble Sensing With Heterogeneous IoT Devices in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 12949-12960.	8.0	7
733	Dependency-Aware Hybrid Task Offloading in Mobile Edge Computing Networks. , 2021, , .		7
734	Title is missing!. International Journal of Wireless Information Networks, 1998, 5, 187-202.	2.7	6
735	Optimal channel assignment strategies for forced channel hopping in CDPD systems. Mobile Networks and Applications, 2000, 5, 5-16.	3.3	6
736	Performance improvements of integrating ad hoc operations into infrastructure IEEE 802.11 wireless local area networks. Computer Communications, 2005, 28, 1123-1137.	5.1	6
737	A mobile code platform for distributed task control in wireless sensor networks. , 2006, , .		6
738	Optimal Channel Access for TCP Performance Improvement in Cognitive Radio Networks: A Cross-Layer Design Approach. , 2009, , .		6

#	Article	IF	Citations
739	Design, Implementation and Case Study of WISEMAN: WIreless Sensors Employing Mobile AgeNts. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 366-380.	0.3	6
740	Throughput Constrained Opportunistic Scheduling in Cellular Data Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 1396-1406.	6.3	6
741	Demonstration of a novel wireless three-pad ECG system for generating conventional 12-lead signals. , 2010, , .		6
742	A Novel Reliable Transmission Protocol for Urgent Information in Wireless Sensor Networks. , 2010, , .		6
743	A Compromise-Resilient Group Rekeying Scheme for Hierarchical Wireless Sensor Networks. , 2010, , .		6
744	Applications of Mobile Agents in Wireless Networks and Mobile Computing. Advances in Computers, 2011, 82, 113-163.	1.6	6
745	Action-based scheduling technique for 802.15.4/ZigBee wireless body area networks. , 2011, , .		6
746	Improving throughput by fine-grained channel allocation in cooperative wireless networks. , 2012, , .		6
747	A mobile crowdsensing system enhanced by cloud-based social networking services. , 2013, , .		6
748	Outage probability of composite microscopic and macroscopic diversity over correlated shadowed fading channels. China Communications, 2013, 10, 129-142.	3.2	6
749	An ultra-low-power monitoring system for inductively coupled biomedical implants. , 2013, , .		6
750	Mood-fatigue analyzer. , 2014, , .		6
751	Performance Analysis of Connectivity for Vehicular Ad Hoc Networks with Moving Obstructions. , 2014, , .		6
752	Poster -- SAfeDJ community. , 2014, , .		6
753	An evaluation of user importance when integrating social networks and mobile cloud computing. , 2014, , .		6
754	Queueâ€based congestion detection and multistage rate control in eventâ€driven wireless sensor networks. Wireless Communications and Mobile Computing, 2014, 14, 818-830.	1.2	6
755	Sensor cloud computing for vehicular applications. , 2014, , .		6
756	A novel anti-jamming scheme for interference alignment (IA)-based wireless networks. , 2015, , .		6

#	Article	IF	Citations
757	Energy-Efficient Adaptive Rate Control for Streaming Media Transmission Over Cognitive Radio. IEEE Transactions on Communications, 2015, 63, 4682-4693.	7.8	6
758	Fairness scheme for energy efficient H.264/AVC-based video sensor network. Human-centric Computing and Information Sciences, 2015, 5, .	6.1	6
759	Retrospective cohort study of inappropriate piperacillin-tazobactam use for lower respiratory tract and skin and soft tissue infections: Opportunities for antimicrobial stewardship. American Journal of Infection Control, 2015, 43, 946-950.	2.3	6
760	Mutual Preamble Detection for Full Duplex Broadband Power Line Communications. , 2016, , .		6
761	Joint User Association and Scheduling for Load Balancing in Heterogeneous Networks. , 2016, , .		6
762	How network monitoring and reinforcement learning can improve tcp fairness in wireless multi-hop networks. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	6
763	Energy harvesting small cell networks with full-duplex self-backhaul and massive MIMO. , 2016, , .		6
764	Sensor-Cloud and Power Line Communication: Recent Developments and Integration. , 2016, , .		6
765	Closed-Form Approximations for Coverage Probability of Multistream MIMO-ZFBF Receivers in HetNets. IEEE Transactions on Vehicular Technology, 2017, 66, 9862-9879.	6.3	6
766	Collaborative hierarchical caching in cloud radio access networks. , 2017, , .		6
767	Analyzing Coverage Probability of Multitier Heterogeneous Networks Under Quantized Multiuser ZF Beamforming. IEEE Transactions on Vehicular Technology, 2018, 67, 3319-3338.	6.3	6
768	Secure Beamforming in Full-Duplex SWIPT Systems with Loopback Self-Interference Cancellation. , 2018, , .		6
769	On the Performance of Hybrid Carrier System Based on WFRFT With Power Allocation. IEEE Access, 2018, 6, 29231-29240.	4.2	6
770	Uplink Resource Allocation in Mobile Edge Computing-Based Heterogeneous Networks with Multi-Band RF Energy Harvesting. , 2018, , .		6
771	IEEE Access Special Section Editorial: Security and Privacy in Applications and Services for Future Internet of Things. IEEE Access, 2018, 6, 39398-39400.	4.2	6
772	Nonlinear-Precoded Multiuser Secure Transmission With Cooperative Jamming and Adaptive Limited Feedback. IEEE Transactions on Vehicular Technology, 2018, 67, 9747-9763.	6.3	6
773	Computation offloading balance in small cell networks with mobile edge computing. Wireless Networks, 2019, 25, 4133-4145.	3.0	6
774	Latency Driven Fronthaul Bandwidth Allocation and Cooperative Beamforming for Cache-enabled Cloud-based Small Cell Networks. , 2019, , .		6

#	Article	IF	Citations
775	Joint Long-Term Cache Allocation and Short-Term Content Delivery in Green Cloud Small Cell Networks. , 2019, , .		6
776	Secure Quadrature Channel Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 9974-9987.	6.3	6
777	Integrating Social Networks with Mobile Device-to-Device Services. IEEE Transactions on Services Computing, 2021, 14, 1209-1223.	4.6	6
778	Efficient Resource Scheduling for Interference Alleviation in Dynamic Coexisting WBANs. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	6
779	Secure Content Delivery in Two-Tier Cache-Enabled mmWave Heterogeneous Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 1640-1654.	6.9	6
780	Neighboring-Aware Caching in Heterogeneous Edge Networks by Actor-Attention-Critic Learning. , 2021, , .		6
781	Mitigating airborne transmission of SARS-CoV-2. Cmaj, 2021, 193, E1010-E1011.	2.0	6
782	Distributed Information Exchange With Low Latency for Decision Making in Vehicular Fog Computing. IEEE Internet of Things Journal, 2022, 9, 18166-18181.	8.7	6
783	Blockchain-Enabled Security and Privacy for Internet-of-Vehicles. Unmanned System Technologies, 2021, , 123-148.	1.0	6
784	Title is missing!. Wireless Networks, 2000, 6, 251-262.	3.0	5
785	Slot-Splitting TDD-CDMA for Cellular Wireless Networks. IEEE Transactions on Wireless Communications, 2007, 6, 3181-3185.	9.2	5
786	A Reliable Robust Fully Ad Hoc Data Dissemination Mechanism for Vehicular Networks. , 2008, , .		5
787	OFDMA Architectures, Protocols, and Applications. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	5
788	A novel cooperative communication protocol for QoS provisioning in wireless sensor networks. , 2009, , .		5
789	A message complexity oriented design of distributed algorithm for long-lived multicasting in wireless sensor networks. International Journal of Sensor Networks, 2009, 6, 180.	0.4	5
790	A Flexible and Efficient Key Distribution Scheme for Renewable Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	5
791	A distributed power allocation scheme for sum-rate maximization on cognitive GMACs. , 2010, , .		5
792	Time-Optimized and Truthful Dynamic Spectrum Rental Mechanism. , 2010, , .		5

#	Article	IF	Citations
793	Energy-efficient cross-layer enhancement of multimedia transmissions over cognitive radio relay networks. , 2011, , .		5
794	The Exploration of Network Coding in IEEE 802.15.4 Networks. International Journal of Digital Multimedia Broadcasting, 2011, 2011, 1-9.	0.6	5
795	TCP Performance Evaluation over GEO and LEO Satellite Links between Performance Enhancement Proxies. , 2012, , .		5
796	Green content distribution in Wireless Mesh Networks with infrastructure support. , 2012, , .		5
797	Request-Adaptive Packet Dissemination for Context-Aware Services in Vehicular Networks. , 2012, , .		5
798	ISAR: Improved Situation-Aware Routing Method for Wireless Mesh Backbones. IEEE Communications Letters, 2012, 16, 1404-1407.	4.1	5
799	Distance based heuristic for power and rate allocation of video sensor networks. , 2012, , .		5
800	Applications of fiber-connected distributed antenna systems in broadband wireless access. , 2012, , .		5
801	Throughput Modeling of Differentiation Schemes for IEEE 802.11e MAC Protocol. , 2012, , .		5
802	Prediction-based resource allocation in clouds for media streaming applications. , 2012, , .		5
803	Combating channel eviction triggering denial-of-service attacks in cognitive radio networks. Transactions on Emerging Telecommunications Technologies, 2012, 23, 454-465.	3.9	5
804	Green Access Point Selection for Wireless Local Area Networks Enhanced by Cognitive Radio. Mobile Networks and Applications, 2013, 18, 553-566.	3.3	5
805	Maximum-Lifetime Coding Tree for Multicast in Lossy Wireless Networks. IEEE Wireless Communications Letters, 2013, 2, 295-298.	5.0	5
806	A novel feedback reduction technique for cellular downlink with CDF-based scheduling. , 2013, , .		5
807	SmartGeocast: Dynamic abnormal traffic information dissemination to multiple regions in VANET. , 2013, , .		5
808	Optimum power and rate allocation in video sensor networks. , 2013, , .		5
809	Opportunistic interference alignment networks for simultaneous wireless information and power transfer through user selection. , 2014, , .		5
810	Energy-efficient resource allocation in shared full-duplex relaying cellular networks. , 2014, , .		5

#	Article	IF	Citations
811	Uplink scheduling solution for enhancing throughput and fairness in relayed long‑term evolution networks. IET Communications, 2014, 8, 813-825.	2.2	5
812	Analysis of General Dual-Hop AF Systems over Rician Fading Links. , 2015, , .		5
813	Towards In Time Music Mood-Mapping for Drivers. , 2015, , .		5
814	Green small cell planning in smart cities under dynamic traffic demand. , 2015, , .		5
815	Scheduling and routing methods for cognitive radio sensor networks in regular topology. Wireless Communications and Mobile Computing, 2016, 16, 47-58.	1.2	5
816	Secure Transmission in Interference Alignment (IA)-Based Networks with Artificial Noise. , 2016, , .		5
817	A security patch addressing bandwidth request vulnerabilities in the IEEE 802.16 standard. IEEE Network, 2016, 30, 26-34.	6.9	5
818	Statistical Delay Aware Joint Power Allocations and Relay Selection for NLOS Multichannel OWC. , 2016, , .		5
819	Beacon deployment strategy for guaranteed localization in wireless sensor networks. Wireless Networks, 2016, 22, 1947-1959.	3.0	5
820	sPing: a user‑centred debugging mechanism for software defined networks. IET Networks, 2017, 6, 39-46.	1.8	5
821	Heterogeneous Ultra-Dense Networks: Part 1. , 2017, 55, 68-69.		5
822	Connectivity-Aware Task Outsourcing and Scheduling in D2D Networks. , 2017, , .		5
823	Impacts of Retransmission Limit on Stability and Throughput Regions of S-ALOHA Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 10296-10306.	6.3	5
824	Joint Resource Allocation in Cache-Enabled Small Cell Networks with Massive MIMO and Full Duplex. , 2017, , .		5
825	Deep Reinforcement Learning (DRL)-Based Transcoder Selection for Blockchain-Enabled Video Streaming. , 2018, , .		5
826	Heterogeneous Ultra Dense Networks: Part 2. , 2018, 56, 12-13.		5
827	Content-Centric Collaborative Edge Caching in 5G Mobile Internet. IEEE Wireless Communications, 2018, 25, 10-11.	9.0	5
828	Locally Cooperative Interference Mitigation for Small Cell Networks with Non-Orthogonal Multiple Access: A Potential Game Approach. , 2018, , .		5

#	Article	IF	Citations
829	Intelligent networks assisted by cognitive computing and machine learning. IEEE Network, 2019, 33, 6-8.	6.9	5
830	Enhanced energy-efficient downlink resource allocation in green non-orthogonal multiple access systems. Computer Communications, 2019, 139, 78-90.	5.1	5
831	Control-Aware Energy-Efficient Transmissions for Wireless Control Systems With Short Packets. IEEE Internet of Things Journal, 2021, 8, 14920-14933.	8.7	5
832	Energy-Efficient Ground Traversability Mapping Based on UAV-UGV Collaborative System. IEEE Transactions on Green Communications and Networking, 2022, 6, 69-78.	5.5	5
833	Performance Analysis of ZigBee Technology for Wireless Body Area Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 747-761.	0.3	5
834	Sctp-based transmission of data-partitioned H.264 video. , 2008, , .		5
835	An Incentive Mechanism for Big Data Trading in End-Edge-Cloud Hierarchical Federated Learning. , 2021, , .		5
836	Power Line Communication and Sensing Using Time Series Forecasting. Sensors, 2022, 22, 5320.	3.8	5
837	Network management for mobile satellite systems. Telecommunication Systems, 1997, 8, 143-158.	2.5	4
838	Supporting universal personal computing on the Internet with Java and CORBA. Concurrency and Computation: Practice and Experience, 1998, 10, 1007-1013.	0.5	4
839	Asymmetric path delay optimization in mobile multi-homed SCTP multimedia transport. , 2005, , .		4
840	Multiple-Channel Security Architecture and its Implementation over SSL. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	2.4	4
841	Connection Data Rate Optimization of IEEE 802.15.3 Scatternets with Multi-rate Carriers. , 2006, , .		4
842	Enhancing Fairness and Throughput of TCP in Heterogeneous Wireless Access Networks. International Journal of Wireless Information Networks, 2007, 14, 225-236.	2.7	4
843	Breaking the silos. , 2008, , .		4
844	Optimizing a Playout Buffer with Queueing Performance Metrics for One-Way Streaming Video. , 2008, , .		4
845	An incentive engineering mechanism for optimizing handoff decisions between cellular data networks and WLANs. , 2008, , .		4
846	A Novel Localized Data Aggregation Algorithm for Advanced Vehicular Traffic Information Systems. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
847	Cross-Layer Enhanced Uplink Packet Scheduling for Multimedia Traffic Over MC-CDMA Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 986-992.	6.3	4
848	Increasing TCP Throughput and Fairness in Cognitive WLAN over Fiber. , 2010, , .		4
849	Achieving fairness in distributed cognitive radio networks using a timer mechanism. , 2010, , .		4
850	Utility-based uplink scheduling algorithm for enhancing throughput and fairness in relayed LTE networks. , 2010, , .		4
851	M-Ary RFID Tags Splitting With Small Idle Slots. IEEE Transactions on Automation Science and Engineering, 2011, , .	5.2	4
852	Cross-Layer Optimization for Multimedia Transport over Multicode CDMA Networks. IEEE Transactions on Mobile Computing, 2011, 10, 810-820.	5.8	4
853	Queuing Performance of Multichannel S-ALOHA Systems With Correlated Arrivals. IEEE Transactions on Vehicular Technology, 2011, 60, 4575-4586.	6.3	4
854	A game–theoretic approach for relay assignment over distributed wireless networks. Wireless Communications and Mobile Computing, 2011, 11, 1646-1656.	1.2	4
855	RLAB: Reinforcement Learning-Based Adaptive Broadcasting for Vehicular Ad-Hoc Networks. , 2011, , .		4
856	An Application Oriented Power Saving MAC Protocol for Wireless Sensor Networks. Wireless Personal Communications, 2012, 67, 279-293.	2.7	4
857	Fast Inverse Square Root Based Matrix Inverse for MIMO-LTE Systems. , 2012, , .		4
858	A wideband unity-gain buffer in 0.13-μm CMOS. , 2013, , .		4
859	Privacy-preserving handover mechanism in 4G. , 2013, , .		4
860	A content centric approach to energy efficient data dissemination. , 2013, , .		4
861	Robust privacy-preserving authentication scheme for communication between Electric Vehicle as Power Energy Storage and power stations. , 2013, , .		4
862	Opportunistic downlink scheduling with fair resource sharing for distributed antenna systems. , 2014, , .		4
863	A similarity measure for analyzing human activities using human-object interaction context. , 2014, , .		4
864	Network coding: A remedy for receiver buffer blocking in the concurrent multipath transfer of data over multi-hop wireless networks. , 2014, , .		4

#	Article	IF	Citations
865	Improved human action recognition in a smart home environment setting. Irbm, 2014, 35, 321-328.	5.6	4
866	Resource management for cognitive cloud gaming. , 2014, , .		4
867	On the Multicast Lifetime of WANETs with Multibeam Antennas: Formulation, Algorithms, and Analysis. IEEE Transactions on Computers, 2014, , 1-1.	3.4	4
868	Virtual frame aggregation: Clustered channel access in wireless networks. , 2015, , .		4
869	Efficient and Fair Throughput-Optimal Scheduling in Buffer-Aided Relay-Based Cellular Networks. IEEE Communications Letters, 2015, 19, 1390-1393.	4.1	4
870	Wireless energy harvesting in interference alignment networks with adversarial jammers. , 2016, , .		4
871	Resource Allocation in Topology Management of Asymmetric Wireless Interference Networks. , 2016, , .		4
872	Link connectivity under more realistic channel model for vehicle-to-vehicle communications. International Journal of Ad Hoc and Ubiquitous Computing, 2016, 22, 35.	0.5	4
873	A Survey on Mobile Sensing Based Mood-Fatigue Detection for Drivers. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 3-15.	0.3	4
874	A computing offloading algorithm for F-RAN with limited capacity fronthaul. , 2016, , .		4
875	Editorial: Game Theory for 5G Wireless Networks. Mobile Networks and Applications, 2017, 22, 526-528.	3.3	4
876	Disrupting Anti-Jamming Interference Alignment Sensor Networks with Optimal Signal Design. , 2017, 1, 1-4.		4
877	Energy-Efficient Resource Allocation in Heterogeneous Small Cell Networks with WiFi Spectrum Sharing. , 2017, , .		4
878	Coverage Analysis of Multi-Stream MIMO HetNets With MRC Receivers. IEEE Transactions on Wireless Communications, 2017, 16, 7816-7833.	9.2	4
879	Optimizing power allocation in wireless networks: Are the implicit constraints really redundant?. Computer Communications, 2017, 111, 153-164.	5.1	4
880	Polarization Similarity Based Polarization Adaption for CR Network with Full-Duplex Primary Users. , 2017, , .		4
881	Cell Association in Dense Heterogeneous Cellular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1019-1032.	5.8	4
882	Energy Efficient Resource Allocation and Caching in Fog Radio Access Networks. , 2018, , .		4

#	Article	IF	Citations
883	Tone mapping for video gaming applications. , 2018, , .		4
884	A Multi-Objective Computation Offloading Method for Workflow Applications in Mobile Edge Computing. , 2019, , .		4
885	Delay Analysis of Spatially Coded MIMO-ZFBF With Retransmissions in Random Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 2652-2667.	6.3	4
886	Editorial: Special Section on Energy Efficiency for 5G. IEEE Transactions on Green Communications and Networking, 2019, 3, 407-408.	5.5	4
887	Exploiting the edge power: an edge deep learning framework. CCF Transactions on Networking, 2019, 2, 4-11.	1.1	4
888	Task Offloading for Automatic Speech Recognition in Edge-Cloud Computing Based Mobile Networks. , 2020, , .		4
889	Virtual tube storage scheme for supporting mobile sink groups in wireless sensor networks. Computer Communications, 2020, 159, 245-257.	5.1	4
890	Improving the Energy Efficiency of DFT-s-OFDM in Uplink Massive MIMO with Barker Codes. , 2020, , .		4
891	Mobile Sensor Deployment Optimization Algorithm for Maximizing Monitoring Capacity of Large-Scale Acyclic Directed Pipeline Networks in Smart Cities. IEEE Internet of Things Journal, 2020, , 1-1.	8.7	4
892	SARS–CoV–2 molecular testing for the diagnosis of COVID–19: One test does not fit all. Journal of Medical Virology, 2021, 93, 712-713.	5.0	4
893	QoS-Guaranteed Adaptive Modulation and Coding for Wireless Scalable Video Multicast. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1696-1700.	8.3	4
894	Automated molecular testing of saliva for SARS-CoV-2 detection. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115324.	1.8	4
895	Graph relation network for person counting in construction site using UAV. Applied Soft Computing Journal, 2021, 110, 107562.	7.2	4
896	Evaluation of Wireless Body Area Sensor Placement for Mobility Support in Healthcare Monitoring Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 384-399.	0.3	4
897	Soft QoS Provisioning for wireless sensor networks: A cooperative communications approach. , 2010, , .		4
898	An Online Zero-Forcing Precoder for Weighted Sum-Rate Maximization in Green CoMP Systems. IEEE Transactions on Wireless Communications, 2022, 21, 7566-7581.	9.2	4
899	A Family of Hybrid Precoding Schemes for Millimeter-Wave Massive MIMO Systems. IEEE Systems Journal, 2022, 16, 4881-4891.	4.6	4
900	Heterogeneous Network Access and Fusion in Smart Factory: A Survey. ACM Computing Surveys, 2023, 55, 1-31.	23.0	4

#	Article	IF	Citations
901	Reservation arbitrated access â€" a bandwidth on demand protocol for multiplexing variable bit rate isochronous traffic over dual bus metropolitan area networks. Computer Networks, 1997, 29, 1969-1990.	1.0	3
902	CORBA Based Design and Implementation of Universal Personal Computing. Mobile Networks and Applications, 2003, 8, 75-86.	3.3	3
903	Reinforcement-learning-based self-organisation for cell configuration in multimedia mobile networks. European Transactions on Telecommunications, 2005, 16, 385-397.	1.2	3
904	Cross-Layer Enhanced Real-Time Packet Scheduling over CDMA Networks. , 2006, , .		3
905	IEEE 802.15.3 intra-piconet route optimization with application awareness and multi-rate carriers. , 2006, , .		3
906	Two-Fold Pricing to Guarantee Individual Profits and Maximum Social Welfare in Wireless Access Networks. , 2008, , .		3
907	Approximate queuing performance of a multipacket reception slotted ALOHA system with an exponential backoff algorithm. , 2009, , .		3
908	A Distributed Network Selection Scheme in Next Generation Heterogeneous Wireless Networks. , 2009, , .		3
909	Content caching and replication schemes for peer-to-peer file sharing in wireless mesh networks. , 2010, , .		3
910	Distributed Approximation Algorithms for Longest-Lived Multicast in WANETs with Directional Antennas. IEEE Transactions on Wireless Communications, 2010, 9, 2227-2237.	9.2	3
911	A Multi-Channel Approach for Video Forwarding in Wireless Sensor Networks. , 2010, , .		3
912	Improved IP Multimedia Subsystem Authentication mechanism for 3G-WLAN networks. , 2011, , .		3
913	Robust license-free Body Area Network access for reliable public m-health services. , 2011, , .		3
914	Efficient spectrum discovery with energy constraints in cognitive radio networks. , 2011, , .		3
915	Cross-Layer QoS Provisioning for Cooperative Transmissions over Cognitive Radio Relay Networks with Imperfect Spectrum Sensing. , 2011, , .		3
916	A Joint Design for Topology and Security in MANETs with Cooperative Communications. , 2011, , .		3
917	Interference sensing using CORAL Cognitive Radio platforms. , 2011, , .		3
918	Full-duplex transmissions in fiber-connected distributed relay antenna systems. , 2012, , .		3

#	Article	IF	Citations
919	Energy-Efficient Multiuser MIMO Downlink Transmissions in Massively Distributed Antenna Systems with Predefined Capacity Constraints. , 2012, , .		3
920	A Reliable Group-Simulcasting Scheme for Distributed Antenna Systems. IEEE Transactions on Wireless Communications, 2012, 11, 236-245.	9.2	3
921	Nanofibre Based Biomaterials -- Bioactive Nanofibres for Wound Healing Applications. , 2012, , .		3
922	TCP VON: Joint congestion control and online network coding for wireless networks. , 2012, , .		3
923	Polymerase chain reaction assay to detect Clostridium difficile tcdC variants is valuable in characterizing hospital epidemiology. Journal of Hospital Infection, 2013, 84, 252-255.	2.9	3
924	Privacy-preserving scheme in smart grid communication using enhanced network coding. , 2013, , .		3
925	Oligella urethralis as a Cause of Urosepsis. Clinical Microbiology Newsletter, 2013, 35, 84-85.	0.7	3
926	Network Coding Based Encryption System for Advanced Metering Infrastructure. , 2013, , .		3
927	Secondary user access based on stochastic link estimation in cognitive radio with fibreâ€connected distributed antennas. IET Communications, 2013, 7, 731-737.	2.2	3
928	Efficient Security Solution for Information-centric Networking. , 2013, , .		3
929	Expansion Properties of Topology for Networking of Information in Cloud. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2877-2887.	5.6	3
930	Effective Capacity Performance of Coherent POLMUX OWC with Power Adaptation. , 2015, , .		3
931	A Novel Cloud-Based Crowd Sensing Approach to Context-Aware Music Mood-Mapping for Drivers. , 2015, , .		3
932	Towards Mobility-as-a-Service to Promote Smart Transportation. , 2015, , .		3
933	Replication schemes for peer-to-peer content in wireless mesh networks with infrastructure support. Wireless Communications and Mobile Computing, 2015, 15, 699-715.	1.2	3
934	Nanofibers for ligament and tendon tissue regeneration. , 2015, , 91-118.		3
935	MCG Test-bed. , 2015, , .		3
936	Analysis on connectivity performance for vehicular ad hoc networks subjected to user behavior. , 2015, , .		3

#	Article	IF	Citations
937	A novel nonlinear secure transmission design for MU-MISO systems with limited feedback. , 2016, , .		3
938	Energy-efficient and distributed data-aware clustering protocol for the Internet-of-Things. , 2016, , .		3
939	A Smart Map Sharing and Preloading Scheme for Mobile Cloud Gaming in D2D Networks. , 2017, , .		3
940	Robustness of complex networks with both unidirectional and bidirectional links against cascading failures. Modern Physics Letters B, 2017, 31, 1750252.	1.9	3
941	Supermodular game based energy efficient power allocation in heterogeneous small cell networks. , 2017, , .		3
942	Topical Collection on â€œSmart and Interactive Healthcare Systemsâ€• Journal of Medical Systems, 2017, 41, 121.	3.6	3
943	Emerging Air Interfaces and Management Technologies for the 5G era. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	3
944	Balancing Cloud and Mobile Terminal: An Empirical Study on Decomposed Cloud Gaming. , 2017, , .		3
945	Impact of LOS/NLOS Propagation on the Coverage Performance of Multi-Stream MIMO-ZFBF Cellular Downlink. , 2017, , .		3
946	Interference-limited mixed MÃ¡laga-M and generalized-K dual-hop FSO/RF systems. , 2017, , .		3
947	Energy Efficient Hybrid Precoding in Heterogeneous Networks with Limited Wireless Backhaul Capacity. , 2018, , .		3
948	Freshness-aware initial seed selection for traffic offloading through opportunistic mobile networks. , 2018, , .		3
949	Communications and Networking for Connected Vehicles. Wireless Communications and Mobile Computing, 2018, 2018, 1-4.	1.2	3
950	Editorial: 5G Technologies for Future Wireless Networks. Mobile Networks and Applications, 2018, 23, 1459-1461.	3.3	3
951	Joint Minimization of Wired and Wireless Traffic for Content Delivery by Multicast Pushing. IEEE Transactions on Wireless Communications, 2019, 18, 2828-2841.	9.2	3
952	CityFlow: Exploiting Edge Computing for Large Scale Smart City Applications. , 2019, , .		3
953	Coverage Performance in MIMO-ZFBF Dense HetNets with Multiplexing and LOS/NLOS Path-Loss Attenuation. IEEE Transactions on Mobile Computing, 2020, 19, 2044-2061.	5.8	3
954	An Edge Computing-Enabled Decentralized Authentication Scheme for Vehicular Networks. , 2020, , .		3

#	Article	IF	Citations
955	Application-Aware Migration Algorithm With Prefetching in Heterogeneous Cloud Environments. IEEE Transactions on Cloud Computing, 2022, 10, 2324-2333.	4.4	3
956	IEEE Access Special Section Editorial: Edge Computing and Networking for Ubiquitous AI. IEEE Access, 2021, 9, 90933-90936.	4.2	3
957	PUCS: Personal Unified Communications over Heterogeneous Wireless Networks. , 2009, , .		3
958	Connectivity-Aware Minimum-Delay Geographic Routing with Vehicle Tracking in VANETs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 256-267.	0.3	3
959	CloudArcade: A Blockchain Empowered Cloud Gaming System. , 2020, , .		3
960	Guest Editorial Special Issue on Internet of Things for Smart Health and Emotion Care. IEEE Internet of Things Journal, 2021, 8, 16718-16722.	8.7	3
961	Distributed Knowledge Inference Framework for Intelligent Fault Diagnosis in IIoT Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 3152-3165.	6.4	3
962	A novel multimodal multiobjective memetic algorithm with a local detection mechanism and a clustering-based selection strategy. Memetic Computing, 2023, 15, 31-43.	4.0	3
963	Sleeping Cell Detection for Resiliency Enhancements in 5G/B5G Mobile Edge-Cloud Computing Networks. ACM Transactions on Sensor Networks, 2022, 18, 1-30.	3.6	3
964	User Association, Subchannel and Power Allocation in Space-Air-Ground Integrated Vehicular Network With Delay Constraints. IEEE Transactions on Network Science and Engineering, 2023, 10, 1203-1213.	6.4	3
965	Edge AI as a Service: Configurable Model Deployment and Delay-Energy Optimization With Result Quality Constraints. IEEE Transactions on Cloud Computing, 2023, 11, 1954-1969.	4.4	3
966	EdgeMatrix: A Resources Redefined Edge-Cloud System for Prioritized Services. , 2022, , .		3
967	Title is missing!. Wireless Networks, 1997, 3, 181-194.	3.0	2
968	Explicit delay/jitter bounds for real-time traffic over wireless ATM. Computer Networks, 1999, 31, 1029-1048.	5.1	2
969	Integrating Predictable Planning and Unpredictable Dynamics in Network Utility Maximization: An Improved Quota-Based Market Model. , 2006, , .		2
970	Scatternet Formation for IEEE 802.15.3 WPANs. , 2006, , .		2
971	QoS Provisioning in Public Safety Radio and Commercial Cellular Integrated Networks for First Responders and Critical Infrastructures. Performance, Computing and Communications Conference (IPCCC), IEEE International, 2007, , .	0.0	2
972	Optimal Shaping for Transmission over Wireless Fading Channels. , 2007, , .		2

#	Article	IF	Citations
973	Improving Scalability for Longest-lived Multicast Using Localized Operations in WANETs. , 2007, , .		2
974	Resource planning and incentive engineering for a congested wireless access point: anÂintegrated multiple time scale controlÂmechanism. Telecommunication Systems, 2008, 39, 1-13.	2.5	2
975	Distributed Multi-Source Transmission in Wireless Mobile Peer-to-Peer Networks: A Restless Bandit Approach. , 2009, , .		2
976	Cooperative access for cognitive radios to guarantee QoS for cell edge primary users. , 2009, , .		2
977	Distributed Node Selection for Threshold Key Management with Intrusion Detection in Mobile Ad Hoc Networks. , 2009, , .		2
978	Location Management in Heterogeneous VANETs: A Mobility Aware Server Selection Method. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 64-81.	0.3	2
979	Mitigating Load Imbalance in Wireless Mesh Networks with Mixed Application Traffic Types. , 2010, , .		2
980	An Approach for Scalable Proxy Mobile IPv6. , 2010, , .		2
981	Cell link: Real-time data tracking of automobiles via cell phones. , 2010, , .		2
982	The effect of retransmission cutoff in S-ALOHA systems with binary exponential backoff. , 2010, , .		2
983	Comparisons of Home Area Network Connection Alternatives for Multifamily Dwelling Units. , 2011, , .		2
984	A price-based approach to optimize resource sharing between cellular data networks and WLANs. Telecommunication Systems, 2011, 52, 485.	2.5	2
985	Distributed Optimal Relay Selection for Improving TCP Throughput over Cognitive Radio Networks: A Cross-Layer Design Approach. , 2011, , .		2
986	Leveraging Service Discovery in MANETs with Mobile Directories. Computer Journal, 2012, 55, 218-231.	2.4	2
987	The distance-power consumption trade-off with the optimal number of relays for cooperative Wireless Sensor Networks. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 9, 104.	0.5	2
988	Energy Conservation via Antenna Scheduling in Fiber-Connected Femto Base Stations. Mobile Networks and Applications, 2012, 17, 685-694.	3.3	2
989	GORby: Interference-Aware Multicast for wireless mesh network. , 2012, , .		2
990	Hybrid multi-technology routing in heterogeneous vehicular networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	2

#	Article	IF	Citations
991	Automatic identification and placement verification of wearable wireless sensor nodes using atmospheric air pressure distribution. , 2012, , .		2
992	Extending <scp>P</scp>2<scp>PMesh</scp>: topology–aware schemes for efficient peer–to–peer data sharing in wireless mesh networks. Wireless Communications and Mobile Computing, 2013, 13, 483-499.	1.2	2
993	Mucor velutinosus Central-Line-Associated Bloodstream Infection. Clinical Microbiology Newsletter, 2013, 35, 176-177.	0.7	2
994	Green Mobile Networking and Communications. Computer Journal, 2013, 56, 923-925.	2.4	2
995	Collaborative location-based sleep scheduling to integrate wireless sensor networks with mobile cloud computing. , 2013, , .		2
996	Special issue on embedded systems for interactive multimedia services (ES-IMS). Transactions on Embedded Computing Systems, 2013, 12, 1-2.	2.9	2
997	Trust and Risk Assessment Approach for Access Control in Wireless Sensor Networks. , 2013, , .		2
998	Max-Min Fair Resource Allocation for Min-Rate Guaranteed Services in Distributed Antenna Systems. , 2014, , .		2
999	DFVisor: Scalable network virtualization for QoS management in cloud computing. , 2014, , .		2
1000	A novel MAC protocol for IDMA–based multi–beam satellite communication systems. International Journal of Communication Systems, 2014, 27, 4038-4058.	2.5	2
1001	Reputation-based multiplayer fairness for ad-hoc cloudlet-assisted cloud gaming system. , 2014, , .		2
1002	Cooperative communications and sensing. Wireless Communications and Mobile Computing, 2014, 14, 1201-1203.	1.2	2
1003	On the CDF-based scheduling for multi-cell uplink networks. , 2014, , .		2
1004	Towards a context adaptive ICN-based service centric framework. , 2014, , .		2
1005	A Vehicular Positioning Enhancement with Connected Vehicle Assistance. , 2015, , .		2
1006	Opportunistic fair resource sharing with secrecy considerations in uplink wiretap channels. , 2015, , .		2
1007	A Privacy and Price-Aware Inter-Cloud System. , 2015, , .		2
1008	SH-CRAN. , 2015, , .		2

#	Article	IF	Citations
1009	Optimum power and rate allocation in cluster based video sensor networks. , 2015, , .		2
1010	Cluster-Based Joint Cell Association and Interference Coordination Control in Heterogeneous Networks. , 2016, , .		2
1011	An anti-eavesdropping interference alignment scheme with wireless power transfer. , 2016, , .		2
1012	QoS-aware joint power allocations and relay selection for NLOS coherent optical wireless communications. , 2016, , .		2
1013	QoS-aware and energy-aware adaptive power allocations for coherent optical wireless communications. , 2016, , .		2
1014	Management of a Concurrent Influenza A and Parainfluenza 1 Outbreak in a Residential Care Facility. Journal of the American Geriatrics Society, 2016, 64, e223-e225.	2.6	2
1015	Queue-Aware Small Cell Activation for Energy Efficiency in Two-Tier Heterogeneous Networks. , 2017, , .		2
1016	Adaptive 3D-HEVC video streaming over congested networks through layer prioritization. , 2017, , .		2
1017	Artificial-noise-aided nonlinear secure transmission for MU-MISO wiretap channel with quantized CSIT. , 2017, , .		2
1018	A cooperative video-streaming transmission strategy in information-centric networks. , 2017, , .		2
1019	Achieving optimum throughput for LTE and WiFi coexistence. , 2017, , .		2
1020	Cognitive Gaming. IT Professional, 2017, 19, 55-62.	1.5	2
1021	Eliminating Pilot Contamination Using Dual Pilot Sequences in Massive MIMO. , 2017, , .		2
1022	Characterizing Mutual Information of Multistream MIMO-SVD Systems in Heterogeneous Random Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 436-453.	6.3	2
1023	Multi-objective optimization for distributed collaborative beamforming in mobile wireless sensor networks. , 2018, , .		2
1024	Self-optimizing interference management for non-orthogonal multiple access in ultra-dense networks. , 2018, , .		2
1025	When Exploiting Individual User Preference Is Beneficial for Caching at Base Stations. , 2018, , .		2
1026	Electromagnetic compatibility of power line communications in energy storage units. , 2018, , .		2

#	Article	IF	Citations
1027	Guest Editorial Special Issue on Software Defined Networking for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 1347-1350.	8.7	2
1028	Low-Delay and High-Coverage Water Distribution Networks Monitoring Using Mobile Sensors. IEEE Access, 2019, 7, 107111-107128.	4.2	2
1029	Ergodic Secrecy Rate of K-User MISO Broadcast Channel With Improved Random Beamforming. IEEE Transactions on Vehicular Technology, 2019, 68, 12025-12039.	6.3	2
1030	Guest Editorial: Smart Grid Inspired Data Sensing, Processing and Networking Technologies. Mobile Networks and Applications, 2019, 24, 1699-1700.	3.3	2
1031	Prospective Review of Clostridioides difficile Testing Indications to Inform Local Laboratory Stewardship Initiatives. Infection Prevention in Practice, 2019, 1, 100017.	1.3	2
1032	Hybrid Precoding Design for SWIPT Joint Multicast-Unicast mmWave System with Subarray Structure. , 2019, , .		2
1033	Achievable Secure Degrees of Freedom of ${K}$ -User MISO Broadcast Channel With Imperfect CSIT. IEEE Wireless Communications Letters, 2019, 8, 933-936.	5.0	2
1034	QoS-Guaranteed Adaptive Bandwidth Allocation for Mobile Multiuser Scalable Video Streaming. IEEE Wireless Communications Letters, 2019, 8, 721-724.	5.0	2
1035	Scalable distributed control plane for On-line social networks support cognitive neural computing in software defined networks. Future Generation Computer Systems, 2019, 93, 993-1001.	7.5	2
1036	Distributed self-optimizing interference management in ultra-dense networks with non-orthogonal multiple access. Wireless Networks, 2020, 26, 2809-2823.	3.0	2
1037	Delay Sensitive Large-scale Parked Vehicular Computing via Software Defined Blockchain. , 2020, , .		2
1038	Latency-Minimized Design of secure transmissions in UAV-Aided Communications. , 2020, , .		2
1039	Energy-Time Efficient Task Offloading for Mobile Edge Computing in Hot-Spot Scenarios. , 2021, , .		2
1040	Programmable Re-tasking of Wireless Sensor Networks Using WISEMAN. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 780-794.	0.3	2
1041	An architecture with QoS support for application layer multicasting over wireless mesh networks. , 2009, , .		2
1042	Protocols and Decision Processes for Vertical Handovers. Wireless Networks and Mobile Communications, 2008, , 123-145.	1.0	2
1043	Global Visual and Semantic Observations for Outdoor Robot Localization. IEEE Transactions on Network Science and Engineering, 2021, 8, 2909-2921.	6.4	2
1044	Measurement Aided Training of Machine Learning Techniques for Fault Detection Using PLC Signals. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
1045	Statistical QoS-Guaranteed Traffic Rate Adaptation for Wireless Scalable Video Streaming. IEEE Systems Journal, 2022, 16, 3433-3436.	4.6	2
1046	A Simple Yet Effective Layered Loss for Pre-Training of Network Embedding. IEEE Transactions on Network Science and Engineering, 2022, 9, 1827-1837.	6.4	2
1047	Editorial Recent Techniques of Green Information and Communications Technologies. IEEE Transactions on Green Communications and Networking, 2021, 5, 1649-1652.	5.5	2
1048	Task Offloading for Deep Learning Empowered Automatic Speech Analysis in Mobile Edge-Cloud Computing Networks. IEEE Transactions on Cloud Computing, 2023, 11, 1985-1998.	4.4	2
1049	A Learned Bloom Filter-Assisted Scheme for Packet Classification in Software-Defined Networking. IEEE Transactions on Network and Service Management, 2022, 19, 5064-5077.	4.9	2
1050	A Proxy Architecture to Enhance the Performance of WAP 2.0 by Data Compression. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	1
1051	Fair Scheduling for Hybrid Mesh Network Interconnecting Video Sensors. , 2006, , .		1
1052	Optimum Throughput Constrained Opportunistic Scheduling in Cellular Data Networks. , 2006, , .		1
1053	Optimal and Approximate Mobility Assisted Opportunistic Scheduling in Cellular Data Networks. , 2006, , .		1
1054	Secured fast link-layer handover protocols for 3G-WLAN interworking architecture. , 2007, , .		1
1055	Power consumption evaluation in a wireless MAN using cooperative diversity when both sources and relays are randomly located. , 2007, , .		1
1056	Comparison of Multimedia Delivery Scenarios Using Parallel Wireless Links and Path Diversity. Mobile Networks and Applications, 2007, 12, 324-334.	3.3	1
1057	Threshold-Based Rate Control for Multimedia Transport over Markovian Wireless Channels. , 2008, , .		1
1058	Quantum packet for the next generation network/ISDN3. Journal of Communications and Networks, 2008, 10, 316-330.	2.6	1
1059	Distributed Sender Scheduling for Multimedia Transmission in Wireless Peer-to-Peer Networks. , 2008, , .		1
1060	Efficient Utilization of Error Protection Techniques for Transmission of Data-Partitioned H.264 Video in a Capacity Constrained Network. , 2009, , .		1
1061	Design and Analysis of a Splitting Algorithm for a Multi-packet Reception ALOHA System. , 2009, , .		1
1062	Design and Analysis of Cross-Layer Contention Resolution Algorithms for Multi-Packet Reception Slotted ALOHA Systems. , 2009, , .		1

#	Article	IF	Citations
1063	An efficient local predictive method for distributed timeslot allocation in CDMA/TDD. IEEE Transactions on Wireless Communications, 2009, 8, 2341-2351.	9.2	1
1064	TCP-aware cross-layer design in cognitive radio networks. , 2009, , .		1
1065	Secure Media Independent Handover Message Transport in Heterogeneous Networks. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	1
1066	Programmable agents for efficient topology formation of Bluetooth scatternets. International Journal of Wireless and Mobile Computing, 2010, 4, 165.	0.2	1
1067	A two-step resource allocation in multiuser OFDM-based cognitive radio systems. , 2010, , .		1
1068	Replication schemes for Peer-to-Peer content in wireless mesh networks with network support. , 2011, , .		1
1069	An adaptive energy-conservation scheme with implementation based on TelosW platform for wireless sensor networks. , 2011, , .		1
1070	Optimal edge nodes selection and power allocation in relay enabled network. , 2011, , .		1
1071	Enhancing TCP performance in wireless mesh networks by cross layer design. , 2012, , .		1
1072	Effects of Relaying on Network Lifetime in 2.4GHz IEEE802.15.4 Based Body Area Networks. , 2012, , .		1
1073	Community Cloud: Concept, Model, Attacks and Solution. , 2013, , .		1
1074	Mobile cloud computing [Guest Editorial]. IEEE Wireless Communications, 2013, 20, 12-13.	9.0	1
1075	Exploiting excessive resources at data-centres of media content providers using cloud computing. , 2013, , .		1
1076	Capacity-optimized topology control for cooperative wireless networks with interference cancellation. , 2013, , .		1
1077	Classification of MRSA cases detected at the time of hospital admission: does the â€˜look-backâ€™ period matter?. Journal of Hospital Infection, 2013, 84, 256-258.	2.9	1
1078	A distributed MAC protocol for in-vehicle power line communication under imperfect carrier sensing. , 2013, , .		1
1079	Robust sensing strategy for dynamic spectrum access in the 2.4 GHz ISM band. , 2013, , .		1
1080	Multi-Carrier Medium Access Control for In-Vehicle Power Line Communication with Imperfect Sensing. , 2013, , .		1

#	Article	IF	Citations
1081	A context-aware trust-based communication framework for VNets. , 2014, , .		1
1082	Applications of network coding to improve TCP performance over wireless mesh networks: a survey. Wireless Communications and Mobile Computing, 2014, 14, 1302-1313.	1.2	1
1083	Modelling and performance analysis of content sharing and distribution in community networks with infrastructure support. Peer-to-Peer Networking and Applications, 2014, 7, 590-610.	3.9	1
1084	A network coding scheme to improve throughput for IEEE 802.11 WLAN. , 2014, , .		1
1085	Energy-efficient topology control with selective diversity in cooperative wireless ad hoc networks. , 2014, , .		1
1086	Demonstration of multi-channel medium access control protocol in vehicular power line communication (VPLC) using OMNeT++. , 2014, , .		1
1087	Distributed Resource Allocation for Virtualized Small Cell Networks with Full Duplex Self-Backhauls. , 2015, , .		1
1088	Prototyping Decomposed Cloud Software: A Case Study on 3D Skeletal Game Engine. , 2015, , .		1
1089	Fast and accurate cardinality estimation in cellular-based wireless communications. , 2015, , .		1
1090	Delay Analysis for Distributed Opportunistic Cooperative Communication under Strong Interference Channel. , 2016, , .		1
1091	Content caching scheme for D2D communication underlaying cellular networks with capacoty restriction. , 2016, , .		1
1092	Energy-Efficient Resource Allocation in Cellular Network with Ambient RF Energy Harvesting. , 2017, , .		1
1093	User-Oriented Graph-Based Dynamic Frequency Reuse Scheme in Heterogeneous Networks. , 2017, , .		1
1094	Fronthaul-Aware Group Sparse Precoding and Signal Splitting in SWIPT C-RAN. , 2017, , .		1
1095	Effective Capacity of Multi-Stream MIMO-ZFBF Communications in Large Wireless Networks. , 2017, , .		1
1096	Evaluation of multicast efficiency in random clustered networks under antenna selection combining. , 2017, , .		1
1097	A truthful content auction scheme for distributee content delivery in ultra-dense networks. , 2017, , .		1
1098	A Novel Game Map Preloading and Resource Provisioning Scheme in Cooperative Cloud Networks. , 2017, , .		1

#	Article	IF	Citations
1099	Internal Collusive Eavesdropping of Interference Alignment Networks. , 2017, , .		1
1100	Beneficial jamming design for interference alignment networks. , 2017, , .		1
1101	Adaptive CDI-CQI Feedback Bit Partitioning for Quantized MISO-SDMA in Downlink HetNets. , 2017, , .		1
1102	Resource Allocation for Content Delivery in Cache-Enabled OFDMA Small Cell Networks. , 2017, , .		1
1103	A Load Balance Self-Healing Algorithm Based on AHP for Backhaul Transmission in UDNs. , 2018, , .		1
1104	Service Migration in Mobile Edge Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	1
1105	Reprint of: From cloud-based communications to cognition-based communications: A computing perspective. Computer Communications, 2018, 131, 77-82.	5.1	1
1106	Polarization Jones Vector Distance Based Full Duplex Primary Signal Extraction for CR Networks. , 2018, , .		1
1107	Adaptive Transmission for Coherent OWC With Multiple Parallel Optical Beams. IEEE Photonics Technology Letters, 2018, 30, 1119-1122.	2.5	1
1108	Queue-Aware Power Consumption Minimization in Two-Tier Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8875-8889.	6.3	1
1109	Cross-Layer Scheduling and Beamforming in Smart Grid Powered Small-Cell Networks. , 2019, , .		1
1110	Popularity-prediction-driven hierarchical caching in fog-cloud based radio access networks. , 2019, , .		1
1111	Second-Price Auction Based Cognitive Traffic Offloading in Heterogeneous Networks. , 2019, , .		1
1112	Resource Allocation in Spectrum-Sharing Cognitive Heterogeneous Networks. , 2019, , 635-680.		1
1113	Joint Precoding and Power Control in Small-Cell Networks with Proportional-Rate MISO-BC Backhaul. , 2019, , .		1
1114	Editorial Expression of Concern: Comparative effectiveness of β-lactam versus vancomycin empiric therapy in patients with methicillin-susceptible Staphylococcus aureus (MSSA) bacteremia. Annals of Clinical Microbiology and Antimicrobials, 2020, 19, 51.	3.8	1
1115	Ensemble Learning Based Sleeping Cell Detection in Cloud Radio Access Networks. , 2020, , .		1
1116	Impact of Cell Association on Energy-Efficiency and Hit Rate of Femto-Caching. IEEE Transactions on Mobile Computing, 2022, 21, 1004-1017.	5.8	1

#	Article	IF	Citations
1117	Protocols Design and Area Division for Privacy-preserving Delay-aware Authentication in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, , 1-1.	6.3	1
1118	The impact of propagation delay to different selfish miners in proof-of-work blockchains. Peer-to-Peer Networking and Applications, 2021, 14, 2735-2742.	3.9	1
1119	Dual Pilot Scheme (DPS) and Its Application in Massive MIMO. IEEE Transactions on Communications, 2021, 69, 1431-1444.	7.8	1
1120	Robust Deception Scheme for Secure Interference Exploitation Under PSK Modulations. IEEE Transactions on Communications, 2021, 69, 5425-5440.	7.8	1
1121	Blockchain-Based Decentralized Trust Management in Vehicular Networks. , 0, .		1
1122	Energy-Efficient Adaptive Rate Control for Streaming Media Transmission Over Cognitive Radio. , 0, .		1
1123	On Multipath Balancing and Expanding for Wireless Multimedia Sensor Networks. Communications in Computer and Information Science, 2009, , 350-359.	0.5	1
1124	Cooperative Geographical Routing in Wireless Sensor Networks. , 2010, , 141-165.		1
1125	Robust Access for Wireless Body Area Networks in Public m-Health. , 2012, , .		1
1126	A Multi-object Detection Method Based on Connected Vehicles. , 2019, , .		1
1127	Artificial Intelligence for Optimizing Edge. , 2020, , 117-134.		1
1128	Content Sharing Prediction for Device-to-Device (D2D)-based Offline Mobile Social Networks by Network Representation Learning. Lecture Notes in Computer Science, 2020, , 112-126.	1.3	1
1129	Edge Computing for Artificial Intelligence. , 2020, , 97-115.		1
1130	Communications and Networking for Connected Vehicles 2020. Wireless Communications and Mobile Computing, 2022, 2022, 1-4.	1.2	1
1131	A Blockchain-Enabled Federated Learning System with Edge Computing for Vehicular Networks. , 2021, , .		1
1132	An Online Throughput Maximization Algorithm for Green Coordinated Multi-Point Systems. , 2022, , .		1
1133	Global Resource Allocation for High Throughput and Low Delay in High-Density VANETs. IEEE Transactions on Wireless Communications, 2022, 21, 9509-9518.	9.2	1
1134	Database Watermarking Algorithm Based on Decision Tree Shift Correction. IEEE Internet of Things Journal, 2022, 9, 24373-24387.	8.7	1

#	Article	IF	Citations
1135	Integrated Services over ATM/MAN-Based Personal Communication Networks. Wireless Personal Communications, 2000, 15, 43-59.	2.7	0
1136	Integrating connectionless and connection-oriented traffic using quantum packets. Computer Communications, 2005, 28, 898-907.	5.1	0
1137	A Distributed Min-Max Tree Algorithm for Maximum-Lifetime Multicast in Resource-limited Wireless Ad Hoc Networks. , 2006, , .		0
1138	WLC40-5: Efficient Approximations for Call Admission Control Performance Evaluations in Multi-Service Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
1139	Enhancing Interoperability in Heterogeneous Mobile Wireless Networks for Disaster Response. , 2007, , .		0
1140	Adaptive contention access suspension in IEEE 802.15.3 MAC. , 2007, , .		0
1141	Two Cross-Layer Optimization Methods for Transporting Multimedia Traffic Over Multicode CDMA Networks. , 2007, , .		0
1142	Filling the Generation Gap - Convergence in Wireless Networking. International Conference on Advanced Networking and Applications, 2007, , .	0.0	0
1143	A linear message distributed multicast algorithm with guaranteed directional communication lifetime in WANETs. , 2008, , .		0
1144	A cross-layer scheduling scheme for wireless multimedia transmissions with adaptive modulation and coding. , 2008, , .		0
1145	Information Exchange Based Low-Complexity Slot Allocation in TDD-CDMA Cellular Systems. , 2008, , .		0
1146	A self-adaptive placement protocol for mobile directories in MANETs. , 2008, , .		0
1147	Efficient multimedia call delivery over IP-based heterogeneous wireless access networks. , 2008, , .		0
1148	Fair scheduling in multirate wireless access networks. , 2008, , .		0
1149	Analysis of a Polling Protocol for Packet Voice Transport over IEEE 802.11 Wireless LANs. IEEE Vehicular Technology Conference, 2008, , .	0.4	0
1150	Minimum-Cost Implementation of Traffic Information System over Wireless Mesh Network. , 2009, , .		0
1151	A Distributed Contention Resolution Algorithm in Multi-Packet Reception ALOHA Systems. , 2009, , .		0
1152	Message from the EUC 2009 General Chairs - Volume 2. , 2009, , .		0

#	Article	IF	Citations
1153	Enhancing the performance of secured handover protocols in UMTS-WiMAX interworking. Wireless Networks, 2010, 16, 1929-1943.	3.0	0
1154	Exact and performanceâ€guaranteed multicast algorithms for lifetime optimization in WANETs. Networks, 2010, 55, 287-297.	2.7	0
1155	Secure Integration between Mobile Ad Hoc Networks and Mobile IPv6. , 2010, , .		0
1156	A Permutation-Based Multi-Polynomial Scheme for Pairwise Key Establishment in Sensor Networks. , 2010, , .		0
1157	Trade off between source and channel distortion for a data-partitioned video in a capacity constrained network. , 2010, , .		0
1158	Analysis of an Exponential Backoff Algorithm for Multipacket Reception Slotted ALOHA Systems. , 2010, , .		0
1159	Energy Efficient Multiple Description Coding for Video Sensor Network. , 2011, , .		0
1160	Message from CIT 2012 General Chairs. , 2012, , .		0
1161	Message from the ComComAp 2012 chairs. , 2012, , .		0
1162	Multiple tags identification for short id rfid networks. , 2012, , .		0
1163	A novel energy management scheme based on Best-response dynamics game in cognitive radio Ad hoc networks. , 2012, , .		0
1164	A novel implementation of sequential output based parallel processing - orthogonal wavelet division multiplexing for DAS on SDR platform. , 2012, , .		0
1165	MONET Special Half-Issue â€œRecent Advances on Communications and Networking in Chinaâ€‚Mobile Networks and Applications, 2013, 18, 171-173.	3.3	0
1166	Optimum Object Selection Made Easy. Wireless Personal Communications, 2013, 71, 2507-2521.	2.7	0
1167	Service-oriented trust and reputation management system for multi-tier cloud. , 2013, , .		0
1168	An asynchronous distributed power allocation scheme for sum-rate maximization on cognitive GMACs. , 2013, , .		0
1169	Message from the ComComAp 2013 chairs. , 2013, , .		0
1170	GreenCom 2013: Message from General Chairs. , 2013, , .		0

#	Article	IF	Citations
1171	Joint optimization of transmission scheduling and relay assignment for cooperative communications. , 2013, , .		0
1172	Distributed power allocation for cooperative access in cognitive radios to guarantee QoS for cell edge primary users. , 2013, , .		0
1173	Welcome message from the WLN chairs. , 2013, , .		0
1174	956Management of a respiratory outbreak due to concomitantly circulating influenza A and parainfluenza 1 in a residential care facility. Open Forum Infectious Diseases, 2014, 1, S278-S278.	0.9	0
1175	Power efficient high-rate data service provisioning in vehicular networks. , 2014, , .		0
1176	Secret key agreement for free-space optical communications over strong turbulence channels. , 2014, , .		0
1177	An orthogonal wavelet division multiple-access processor architecture for LTE-advanced wireless/radio-over-fiber systems over heterogeneous networks. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	0
1178	Distributed Resource Allocation for Virtualized Small Cell Networks with Full Duplex Self-Backhauls. , 2014, , .		0
1179	Analysis of General Dual-Hop AF Systems over Rician Fading Links. , 2014, , .		0
1180	Editorial [special issue introduction]. IEEE Systems Journal, 2014, 8, 171-173.	4.6	0
1181	Welcome from the organizing committee. , 2014, , .		0
1182	Effective Capacity Performance of Coherent POLMUX OWC with Power Adaptation. , 2014, , .		0
1183	Energy Efficient Resource Allocation for OFDMA Full Duplex Distributed Antenna Systems with Energy Recycling. , 2014, , .		0
1184	Low-complexity energy-efficient security approach for e-health applications based on physically unclonable functions of sensors. , 2015, , .		0
1185	Targeted Antimicrobial Stewardship Intervention for Inpatients With Viral respiratory tract infections. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
1186	A Media-Aware Transmission Framework for 3D-HEVC Over LTE Networks. , 2016, , .		0
1187	Guest Editorial Special Issue on Software Defined Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7303-7303.	4.7	0
1188	Joint antenna and power allocation scheme for massive MIMO relaying network. , 2016, , .		0

#	Article	IF	Citations
1189	Editorial for QShine 2014 Special Issue. Mobile Networks and Applications, 2016, 21, 387-389.	3.3	0
1190	A two-hop equalize-and-forward relay scheme in OFDM-based wireless networks over multipath channels. Wireless Communications and Mobile Computing, 2016, 16, 778-793.	1.2	0
1191	Cooperative multiple access in cognitive radios to enhance QoS for cell edge primary users: asynchronous algorithm and convergence. Telecommunication Systems, 2016, 61, 631-643.	2.5	0
1192	A Network Coding Scheme to Improve Throughput for IEEE 802.11 WLAN. Mobile Networks and Applications, 2016, 21, 425-435.	3.3	0
1193	Special focus on machine-type communications. Science China Information Sciences, 2017, 60, 1.	4.3	0
1194	Self-adaptive beaconing for vehicular ad hoc networks. , 2017, , .		0
1195	Special issue on energyâ€efficient wireless communication networks with QoS. International Journal of Communication Systems, 2017, 30, e3017.	2.5	0
1196	Measuring Centrality Metrics Based on Time-Ordered Graph in Mobile Social Networks. , 2017, , .		0
1197	Evaluation of local transmission delay of MIMO-ZFBF multiplexing receivers under correlated interference. , 2017, , .		0
1198	Worst-Case Access Delay of HomePlug Green PHY (HPGP) for Delay-Critical In-Vehicle Applications. , 2017, , .		0
1199	Frequency domain access control for power line communications in home area networks. , 2017, , .		0
1200	Reply to Davido et al. Clinical Infectious Diseases, 2018, 66, 1317-1318.	5.8	0
1201	Optimal Epidemic Information Dissemination in Uncertain Dynamic Environment. IEEE Wireless Communications Letters, 2018, 7, 518-521.	5.0	0
1202	Robust Secrecy Energy Efficient Beamforming in MISOME-SWIPT Systems with Proportional Fairness. , 2018, , .		0
1203	Mobile Edge Caching in HetNets. , 2018, , 1-5.		0
1204	Dynamic Policy Deployment in SDN Switch Based on Monitoring and Analysis of User Behaviors. , 2018, , .		0
1205	Optimized Anonymity Updating in VANET Based on Information and Privacy Joint Metrics. , 2018, , .		0
1206	Mining Task Offloading in Wireless Blockchain Networks. , 2018, , 1-3.		0

#	Article	IF	Citations
1207	An Energy-Efficient Adaptive Spectrum Sharing Scheme for Full Duplex Cognitive Radios. , 2018, , .		0
1208	Secondary Transceiver Design for Secure Primary Transmission. , 2018, , .		0
1209	Taxonomy of an Application Model. , 2019, , .		0
1210	Guest Editor's Introduction: Special Section on Green Computing in Internet of Things. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 750-751.	4.6	0
1211	GUEST EDITORIAL: Special Issue on Social Sensing and Privacy Computing in Intelligent Social Systems. IEEE Transactions on Computational Social Systems, 2020, 7, 98-102.	4.4	0
1212	Integrated Air-Ground Vehicles for UAV Emergency Landing Based on Graph Convolution Network. IEEE Internet of Things Journal, 2022, 9, 9106-9116.	8.7	0
1213	Guest Editorial: AI-Enabled Networking Technologies for Tackling Epidemic Diseases. IEEE Network, 2021, 35, 12-13.	6.9	0
1214	Learning-Based Optimization of Wireless-Powered Two-Way Interference Channels With Imperfect CSI. IEEE Internet of Things Journal, 2022, 9, 6934-6943.	8.7	0
1215	Access Security in Heterogeneous Wireless Networks. , 2007, , 421-461.		0
1216	Directional controlled fusion in wireless sensor networks. , 2008, , .		0
1217	A Performance Guaranteed Distributed Multicast Algorithm for Long-Lived Directional Communications in WANETs. Lecture Notes in Computer Science, 2008, , 439-450.	1.3	0
1218	Video Communications over Wireless Sensor Networks. Wireless Networks and Mobile Communications, 2008, , 235-257.	1.0	0
1219	Quality-of-Service in Cognitive WLAN over Fiber. Wireless Networks and Mobile Communications, 2010, , 221-258.	1.0	0
1220	Mobile Agent Code Updating and Authentication Protocol for Code-Centric RFID System. Lecture Notes in Computer Science, 2011, , 243-250.	1.3	0
1221	Channel Aware and Queue Aware Scheduling in LTE Uplink. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 116-127.	0.3	0
1222	Resource Allocation in Spectrum-Sharing Cognitive Heterogeneous Networks. , 2017, , 1-46.		0
1223	Delay Aware Resource Allocation for Device-to-Device Communication Underlaying Cellular Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 207-217.	0.3	0
1224	Joint Caching, Computing, and Routing for Video Transcoding in Wireless Networks. , 2018, , 1-3.		0

#	Article	IF	Citations
1225	Joint Caching, Computing, and Routing for Video Transcoding in Wireless Networks. , 2020, , 687-690.		0
1226	Mobile Edge Caching in HetNets. , 2020, , 868-873.		0
1227	A Multi-objective Computation Offloading Method in Multi-cloudlet Environment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 20-32.	0.3	0
1228	Mining Task Offloading in Wireless Blockchain Networks. , 2020, , 850-852.		0
1229	Failure-Tolerant Monitoring Based on Spatial–Temporal Correlation via Mobile Sensors for Large-Scale Acyclic Flow Systems in Smart Cities. IEEE Internet of Things Journal, 2022, 9, 19561-19574.	8.7	0
1230	Dirty Paper Coding Based Weighted Throughout Maximization for UAV-Mounted Wireless Systems. , 2021, , .		0
1231	Accelerating Blockchain-enabled Distributed Machine Learning by Proof of Useful Work. , 2022, , .		0