

Ren Ping Liu

List of Publications by Year in descending order

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205
papers

4,944
citations

117625

34
h-index

118850

62
g-index

205
all docs

205
docs citations

205
times ranked

5075
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey on blockchain for Internet of Things. Computer Communications, 2019, 136, 10-29.	5.1	351
2	Anatomy of Threats to the Internet of Things. IEEE Communications Surveys and Tutorials, 2019, 21, 1636-1675.	39.4	224
3	Optimal Schedule of Mobile Edge Computing for Internet of Things Using Partial Information. IEEE Journal on Selected Areas in Communications, 2017, 35, 2606-2615.	14.0	208
4	A System for Denial-of-Service Attack Detection Based on Multivariate Correlation Analysis. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 447-456.	5.6	195
5	Enabling Technologies for Ultra-Reliable and Low Latency Communications: From PHY and MAC Layer Perspectives. IEEE Communications Surveys and Tutorials, 2019, 21, 2488-2524.	39.4	166
6	Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles. IEEE Transactions on Mobile Computing, 2016, 15, 1377-1386.	5.8	161
7	Energy-Efficient Admission of Delay-Sensitive Tasks for Mobile Edge Computing. IEEE Transactions on Communications, 2018, 66, 2603-2616.	7.8	154
8	Survey: Sharding in Blockchains. IEEE Access, 2020, 8, 14155-14181.	4.2	136
9	Detection of Denial-of-Service Attacks Based on Computer Vision Techniques. IEEE Transactions on Computers, 2015, 64, 2519-2533.	3.4	119
10	Airplane-Aided Integrated Networking for 6G Wireless: Will It Work?. IEEE Vehicular Technology Magazine, 2019, 14, 84-91.	3.4	101
11	Investigation on Evolving Single-Carrier NOMA Into Multi-Carrier NOMA in 5G. IEEE Access, 2018, 6, 48268-48288.	4.2	97
12	A New Queueing Model for QoS Analysis of IEEE 802.11 DCF with Finite Buffer and Load. IEEE Transactions on Wireless Communications, 2010, 9, 2664-2675.	9.2	85
13	VANET Modeling and Clustering Design Under Practical Traffic, Channel and Mobility Conditions. IEEE Transactions on Communications, 2015, 63, 870-881.	7.8	82
14	A Sybil attack detection scheme for a forest wildfire monitoring application. Future Generation Computer Systems, 2018, 80, 613-626.	7.5	80
15	Effective Capacity of Licensed-Assisted Access in Unlicensed Spectrum for 5G: From Theory to Application. IEEE Journal on Selected Areas in Communications, 2017, 35, 1754-1767.	14.0	73
16	ResInNet: A Novel Deep Neural Network With Feature Reuse for Internet of Things. IEEE Internet of Things Journal, 2019, 6, 679-691.	8.7	69
17	Capacity Analysis of UAV Communications: Cases of Random Trajectories. IEEE Transactions on Vehicular Technology, 2018, 67, 7564-7576.	6.3	67
18	Enabling Attribute Revocation for Fine-Grained Access Control in Blockchain-IoT Systems. IEEE Transactions on Engineering Management, 2020, 67, 1213-1230.	3.5	65

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19	RePIDS: A multi tier Real-time Payload-based Intrusion Detection System. Computer Networks, 2013, 57, 811-824.	5.1	64
20	Nonlinear MIMO for Industrial Internet of Things in Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5533-5541.	11.3	64
21	Enhancing Big Data Security with Collaborative Intrusion Detection. IEEE Cloud Computing, 2014, 1, 27-33.	3.9	63
22	PASCCC: Priority-based application-specific congestion control clustering protocol. Computer Networks, 2014, 74, 92-102.	5.1	55
23	Distributed Optimization of Collaborative Regions in Large-Scale Inhomogeneous Fog Computing. IEEE Journal on Selected Areas in Communications, 2018, 36, 574-586.	14.0	55
24	Downlink MIMO-NOMA for Ultra-Reliable Low-Latency Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 780-794.	14.0	54
25	Enabling Ultrareliable and Low-Latency Communications Under Shadow Fading by Massive MU-MIMO. IEEE Internet of Things Journal, 2020, 7, 234-246.	8.7	53
26	Radio Alignment for Inductive Charging of Electric Vehicles. IEEE Transactions on Industrial Informatics, 2015, 11, 427-440.	11.3	49
27	Statistical reliability for energy efficient data transport in wireless sensor networks. Wireless Networks, 2010, 16, 1913-1927.	3.0	48
28	A Robust Authentication Scheme for Observing Resources in the Internet of Things Environment. , 2014, , .		45
29	Preserving Reliability of Heterogeneous Ultra-Dense Distributed Networks in Unlicensed Spectrum. , 2018, 56, 72-78.		43
30	Virus Propagation Modeling and Convergence Analysis in Large-Scale Networks. IEEE Transactions on Information Forensics and Security, 2016, 11, 2241-2254.	6.9	40
31	Distributed Online Optimization of Fog Computing for Selfish Devices With Out-of-Date Information. IEEE Transactions on Wireless Communications, 2018, 17, 7704-7717.	9.2	39
32	Enabling Ultra-Reliable and Low-Latency Communications through Unlicensed Spectrum. IEEE Network, 2018, 32, 70-77.	6.9	37
33	Robust Unambiguous Estimation of Angle-of-Arrival in Hybrid Array With Localized Analog Subarrays. IEEE Transactions on Wireless Communications, 2018, 17, 2987-3002.	9.2	37
34	Spatio-Temporal Power Optimization for MIMO Joint Communication and Radio Sensing Systems With Training Overhead. IEEE Transactions on Vehicular Technology, 2021, 70, 514-528.	6.3	37
35	Denial-of-Service Attack Detection Based on Multivariate Correlation Analysis. Lecture Notes in Computer Science, 2011, , 756-765.	1.3	36
36	Elastic Switch Migration for Control Plane Load Balancing in SDN. IEEE Access, 2018, 6, 3909-3919.	4.2	36

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37	Optimal Online Data Partitioning for Geo-Distributed Machine Learning in Edge of Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 2393-2406.	14.0	36
38	A Modified Shuffled Frog Leaping Algorithm for PAPR Reduction in OFDM Systems. IEEE Transactions on Broadcasting, 2015, 61, 698-709.	3.2	35
39	Delay Guarantee and Effective Capacity of Downlink NOMA Fading Channels. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 508-523.	10.8	35
40	Effect of hybrid circle reservoir injected with wavelet-neurons on performance of echo state network. Neural Networks, 2014, 57, 141-151.	5.9	32
41	An Evolutionary Game Theoretic Framework for Femtocell Radio Resource Management. IEEE Transactions on Wireless Communications, 2015, 14, 6365-6376.	9.2	31
42	Opportunistic Spectrum Access with Two Channel Sensing in Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2015, 14, 126-138.	5.8	30
43	Analysis on Secrecy Capacity of Cooperative Non-Orthogonal Multiple Access With Proactive Jamming. IEEE Transactions on Vehicular Technology, 2019, 68, 2682-2696.	6.3	30
44	WLAN Power Save with Offset Listen Interval for Machine-to-Machine Communications. IEEE Transactions on Wireless Communications, 2014, 13, 2552-2562.	9.2	29
45	Unified Fine-Grained Access Control for Personal Health Records in Cloud Computing. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1278-1289.	6.3	29
46	Ensuring Maxâ€“Min Fairness of UL SIMO-NOMA: A Rate Splitting Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 11080-11093.	6.3	28
47	Multi-Timescale Decentralized Online Orchestration of Software-Defined Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2716-2730.	14.0	26
48	Secrecy Performance of Terrestrial Radio Links Under Collaborative Aerial Eavesdropping. IEEE Transactions on Information Forensics and Security, 2020, 15, 604-619.	6.9	26
49	Characteristics of penicillin bacterial residue. Journal of the Air and Waste Management Association, 2012, 62, 485-488.	1.9	25
50	Modelling IEEE 802.11 DCF Heterogeneous Networks with Rayleigh Fading and Capture. IEEE Transactions on Communications, 2013, 61, 3336-3348.	7.8	25
51	A unified protocol stack solution for LTE and WLAN in future mobile converged networks. IEEE Wireless Communications, 2014, 21, 24-33.	9.0	25
52	Delay and Reliability of Load-Based Listen-Before-Talk in LAA. IEEE Access, 2018, 6, 6171-6182.	4.2	25
53	Vehicular networks with security and trust management solutions: proposed secured message exchange via blockchain technology. Wireless Networks, 2020, 26, 4207-4226.	3.0	24
54	WSN14-3: Honeycomb Architecture for Energy Conservation in Wireless Sensor Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	23

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55	Power save with Offset Listen Interval for IEEE 802.11ah Smart Grid communications. , 2013, , .		23
56	CHOKeR: A Novel AQM Algorithm With Proportional Bandwidth Allocation and TCP Protection. IEEE Transactions on Industrial Informatics, 2014, 10, 637-644.	11.3	23
57	Achieving Ultrareliable and Low-Latency Communications in IoT by FD-SCMA. IEEE Internet of Things Journal, 2020, 7, 363-378.	8.7	22
58	Modeling and QoS analysis of the IEEE 802.11p broadcast scheme in vehicular ad hoc networks. Journal of Communications and Networks, 2017, 19, 169-179.	2.6	21
59	Analysis of Average Packet Loss Rate in Multi-Hop Broadcast for VANETs. IEEE Communications Letters, 2018, 22, 157-160.	4.1	20
60	Rogue access point detection and localization. , 2012, , .		19
61	Distributed Online Learning of Fog Computing Under Nonuniform Device Cardinality. IEEE Internet of Things Journal, 2019, 6, 1147-1159.	8.7	19
62	Distributed Online Learning of Cooperative Caching in Edge Cloud. IEEE Transactions on Mobile Computing, 2021, 20, 2550-2562.	5.8	19
63	Gene-gene interaction of GJB2, SOD2, and CAT on occupational noise-induced hearing loss in Chinese Han population. Biomedical and Environmental Sciences, 2014, 27, 965-8.	0.2	19
64	Secure Data-Centric Access Control for Smart Grid Services Based on Publish/Subscribe Systems. ACM Transactions on Internet Technology, 2016, 16, 1-17.	4.4	18
65	Joint Rate Maximization of Downlink and Uplink in Multiuser MIMO SWIPT Systems. IEEE Access, 2017, 5, 3750-3762.	4.2	18
66	Fast and Accurate Estimation of Angle-of-Arrival for Satellite-Borne Wideband Communication System. IEEE Journal on Selected Areas in Communications, 2018, 36, 314-326.	14.0	18
67	Multi-Timescale Online Optimization of Network Function Virtualization for Service Chaining. IEEE Transactions on Mobile Computing, 2019, 18, 2899-2912.	5.8	18
68	Capacity of blockchain based Internet-of-Things: Testbed and analysis. Internet of Things (Netherlands), 2019, 8, 100109.	7.7	18
69	Refinement of Optimal Interpolation Factor for DFT Interpolated Frequency Estimator. IEEE Communications Letters, 2020, 24, 782-786.	4.1	18
70	Optimal Channel Reservation in Cooperative Cognitive Radio Networks. , 2011, , .		17
71	Enhancing Lifetime and Quality of Data in Cluster-Based Hierarchical Routing Protocol for Wireless Sensor Network. , 2013, , .		17
72	EPLA: Energy-balancing packets scheduling for airborne relaying networks. , 2015, , .		17

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73	Joint Beamforming and User Selection in Multiuser Collaborative MIMO SWIPT Systems With Nonnegligible Circuit Energy Consumption. IEEE Transactions on Vehicular Technology, 2018, 67, 3909-3923.	6.3	17
74	Attack and Defence of Ethereum Remote APIs. , 2018, , .		17
75	Virtual Service Placement for Edge Computing Under Finite Memory and Bandwidth. IEEE Transactions on Communications, 2020, 68, 7702-7718.	7.8	17
76	Blockchain-Enabled Fish Provenance and Quality Tracking System. IEEE Internet of Things Journal, 2022, 9, 8130-8142.	8.7	17
77	A Novel Triboelectric Generator Based on the Combination of a Waterwheelâ€Like Electrode with a Spring Steel Plate For Efficient Harvesting of Lowâ€Velocity Rotational Motion Energy. Advanced Electronic Materials, 2016, 2, 1500448.	5.1	16
78	Relay-Assisted Wireless Communication Systems in Mining Vehicle Safety Applications. IEEE Transactions on Industrial Informatics, 2014, 10, 615-627.	11.3	15
79	Multiuser MIMO Scheduling for Mobile Video Applications. IEEE Transactions on Wireless Communications, 2014, 13, 5382-5395.	9.2	15
80	Linear Minimum Error Probability Detection for Massive MU-MIMO With Imperfect CSI in URLLC. IEEE Transactions on Vehicular Technology, 2019, 68, 11384-11388.	6.3	15
81	Distributed Online Optimization of Fog Computing for Internet of Things Under Finite Device Buffers. IEEE Internet of Things Journal, 2020, 7, 5434-5448.	8.7	15
82	A novel Dual-Blockchained structure for contract-theoretic LoRa-based information systems. Information Processing and Management, 2021, 58, 102492.	8.6	15
83	Fronthaul Load Balancing in Energy Harvesting Powered Cloud Radio Access Networks. IEEE Access, 2017, 5, 7762-7775.	4.2	14
84	Learning-Assisted Clustered Access of 5G/B5G Networks to Unlicensed Spectrum. IEEE Wireless Communications, 2020, 27, 31-37.	9.0	14
85	Intrusion Detection Using Geometrical Structure. , 2009, , .		13
86	Indoor cooperative small cells over ethernet. , 2013, 51, 100-107.		13
87	Adaptive Centralized Clustering Framework for Software-Defined Ultra-Dense Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 8553-8557.	6.3	13
88	Secrecy Rate Analysis Against Aerial Eavesdropper. IEEE Transactions on Communications, 2019, 67, 7027-7042.	7.8	13
89	Profitable Cooperative Region for Distributed Online Edge Caching. IEEE Transactions on Communications, 2019, 67, 4696-4708.	7.8	13
90	Automatic image capturing and processing for PetrolWatch. , 2011, , .		12

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91	Triangle-Area-Based Multivariate Correlation Analysis for Effective Denial-of-Service Attack Detection. , 2012, , .		12
92	Decentralized User-Centric Scheduling with Low Rate Feedback for Mobile Small Cells. IEEE Transactions on Wireless Communications, 2013, 12, 6106-6120.	9.2	12
93	Collaborative Authentication in Decentralized Dense Mobile Networks With Key Predistribution. IEEE Transactions on Information Forensics and Security, 2017, 12, 2261-2275.	6.9	12
94	A Survey on Data Storage and Information Discovery in the WSAWs-Based Edge Computing Systems. Sensors, 2018, 18, 546.	3.8	12
95	Efficient Angle-of-Arrival Estimation of Lens Antenna Arrays for Wireless Information and Power Transfer. IEEE Journal on Selected Areas in Communications, 2019, 37, 116-130.	14.0	12
96	Tensor-Based Multi-Dimensional Wideband Channel Estimation for mmWave Hybrid Cylindrical Arrays. IEEE Transactions on Communications, 2020, 68, 7608-7622.	7.8	12
97	Connectivity of UAV Swarms in 3D Spherical Spaces Under (Un)Intentional Ground Interference. IEEE Transactions on Vehicular Technology, 2020, 69, 8792-8804.	6.3	12
98	Cooperative Computing Anytime, Anywhere: Ubiquitous Fog Services. IEEE Wireless Communications, 2020, 27, 162-169.	9.0	12
99	Nested Hybrid Cylindrical Array Design and DoA Estimation for Massive IoT Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 919-933.	14.0	12
100	Consumer Operational Comfort Level based power demand management in the smart grid. , 2012, , .		11
101	Relay Handover and Link Adaptation Design for Fixed Relays in IMT-Advanced Using a New Markov Chain Model. IEEE Transactions on Vehicular Technology, 2012, 61, 1839-1853.	6.3	11
102	Multi-hop point-to-point FDD wireless backhaul for mobile small cells. IEEE Wireless Communications, 2014, 21, 88-96.	9.0	11
103	Scalable Node-Centric Route Mutation for Defense of Large-Scale Software-Defined Networks. Security and Communication Networks, 2017, 2017, 1-13.	1.5	11
104	Joint Power Allocation and Beamforming for Overlaid Secrecy Transmissions in MIMO-OFDM Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 10019-10032.	6.3	11
105	Automated Policy Combination for Secure Data Sharing in Cross-Organizational Collaborations. IEEE Access, 2016, 4, 3454-3468.	4.2	10
106	Resource multi-objective mapping algorithm based on virtualized network functions: RMMA. Applied Soft Computing Journal, 2018, 66, 220-231.	7.2	10
107	Exploiting Spatial-Wideband Effect for Fast AoA Estimation at Lens Antenna Array. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 902-917.	10.8	10
108	Reliability Analysis of Large-Scale Adaptive Weighted Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 651-665.	6.9	10

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109	A Unified Analytical model for proof-of-X schemes. Computers and Security, 2020, 96, 101934.	6.0	10
110	Capacity analysis of public blockchain. Computer Communications, 2021, 177, 112-124.	5.1	10
111	ARQ with Implicit and Explicit ACKs in Wireless Sensor Networks. , 2008, , .		9
112	WLAN Location Service with TXOP. IEEE Transactions on Computers, 2013, 62, 589-598.	3.4	9
113	Recent Breakthroughs on Angle-of-Arrival Estimation for Millimeter-Wave High-Speed Railway Communication. IEEE Communications Magazine, 2019, 57, 57-63.	6.1	9
114	The Block Propagation in Blockchain-Based Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 8001-8011.	8.7	9
115	Modelling QoS Performance of IEEE 802.11 DCF under Practical Channel Fading Conditions. , 2011, , .		8
116	Analysis of Finite Buffer in Two-Way Relay: A Queueing Theoretic Point of View. IEEE Transactions on Vehicular Technology, 2018, 67, 3690-3694.	6.3	8
117	The Impact of Link Duration on the Integrity of Distributed Mobile Networks. IEEE Transactions on Information Forensics and Security, 2018, 13, 2240-2255.	6.9	8
118	A Multi-Intersection Vehicular Cooperative Control Based on End-Edge-Cloud Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 2459-2471.	6.3	8
119	Maximum Flow-Segment Based Channel Assignment and Routing in Cognitive Radio Networks. , 2011, , .		7
120	Modeling and QoS analysis of IEEE 802.11 broadcast scheme in Vehicular Ad Hoc Networks. , 2013, , .		7
121	A new analytical model for highway inter-vehicle communication systems. , 2014, , .		7
122	A New Trellis Model for MAC Layer Cooperative Retransmission Protocols. IEEE Transactions on Vehicular Technology, 2017, 66, 3448-3461.	6.3	7
123	Harmonising Coexistence of Machine Type Communications With Wi-Fi Data Traffic Under Frame-Based LBT. IEEE Transactions on Communications, 2017, 65, 4000-4011.	7.8	7
124	Expeditious Estimation of Angle-of-Arrival for Hybrid Butler Matrix Arrays. IEEE Transactions on Wireless Communications, 2019, 18, 2170-2185.	9.2	7
125	Tensor-based High-Accuracy Position Estimation for 5G mmWave Massive MIMO Systems. , 2020, , .		7
126	Joint Estimation of Multipath Angles and Delays for Millimeter-Wave Cylindrical Arrays With Hybrid Front-Ends. IEEE Transactions on Wireless Communications, 2021, 20, 4631-4645.	9.2	7

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127	Multivariate Correlation Analysis Technique Based on Euclidean Distance Map for Network Traffic Characterization. Lecture Notes in Computer Science, 2011, , 388-398.	1.3	7
128	MAC Performance Analysis for Drive-Thru Internet Networks With Rayleigh Capture. IEEE Access, 2017, 5, 10649-10661.	4.2	6
129	Distributed Stochastic Optimization of Network Function Virtualization. , 2017, , .		6
130	Fine-Grained Access Control for Personal Health Records in Cloud Computing. , 2017, , .		6
131	Dynamic Power Allocation for Uplink NOMA With Statistical Delay QoS Guarantee. IEEE Transactions on Wireless Communications, 2021, 20, 8191-8203.	9.2	6
132	Comparison of cooperative spectrum sensing strategies in distributed cognitive radio networks. , 2012, , .		5
133	Adaptive spectrum sensing for cognitive radio systems in a fading environment. , 2014, , .		5
134	Radio Resource Management for Ultra-Dense Smallcell Networks: A Hybrid Spectrum Reuse Approach. , 2017, , .		5
135	Group-Based Susceptible-Infectious-Susceptible Model in Large-Scale Directed Networks. Security and Communication Networks, 2019, 2019, 1-9.	1.5	5
136	Secrecy Rate Analysis for Millimeter-Wave Lens Antenna Array Transmission. IEEE Communications Letters, 2020, 24, 272-276.	4.1	5
137	Novel Integrated Framework of Unmanned Aerial Vehicle and Road Traffic for Energy-Efficient Delay-Sensitive Delivery. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10692-10707.	8.0	5
138	Robust Power Allocation for MIMO Beamforming under Time Varying Channel Conditions. , 2011, , .		4
139	Multistep ahead prediction for real-time VBR video traffic using deterministic echo state network. , 2012, , .		4
140	Design considerations of reinforcement learning power controllers in Wireless Body Area Networks. , 2012, , .		4
141	Joint channel and delay aware user scheduling for multiuser MIMO system over LTE-A network. , 2013, , .		4
142	Broker based bipartite matching game for resource management in femtocell networks. , 2014, , .		4
143	Performance analysis of XOR two-way relay with finite buffers and instant scheduling. IET Communications, 2017, 11, 507-513.	2.2	4
144	An Optimized Round-Robin Scheduling of Speakers for Peers-to-Peers-Based Byzantine Faulty Tolerance. , 2018, , .		4

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145	3D Wideband mmWave Localization for 5G Massive MIMO Systems. , 2019, , .		4
146	Analysis of Clustered Licensed-Assisted Access in Unlicensed Spectrum. IEEE Transactions on Vehicular Technology, 2020, 69, 349-360.	6.3	4
147	A Two-Tier System for Web Attack Detection Using Linear Discriminant Method. Lecture Notes in Computer Science, 2010, , 459-471.	1.3	4
148	Personalized Location Privacy With Road Network-Indistinguishability. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20860-20872.	8.0	4
149	Integrating mobile telephone based sensor networks into the sensor web. , 2009, , .		3
150	Dynamic spectrum access with two channel sensing in cognitive radio networks. , 2012, , .		3
151	QoS-aware cross-layer scheduling for cognitive radio networks with heterogeneous data traffic. , 2013, , .		3
152	QoS routing based on parallel elite clonal quantum evolution for multimedia wireless sensor networks. , 2014, , .		3
153	Modified Elite Chaotic Immune Clonal Selection Algorithm for sever resource allocation in cloud computing systems. , 2014, , .		3
154	Secure Data Transmission and Modelling in Vehicular Ad Hoc Networks. , 2015, , .		3
155	Modelling social characteristics of mobile radio networks. , 2015, , .		3
156	Modeling Channel Switching and Contention Control in Vehicular Networks. IEEE Access, 2017, 5, 23102-23110.	4.2	3
157	Multi Objective Resource Optimisation for Network Function Virtualisation Requests. , 2018, , .		3
158	Unified Ciphertext-Policy Weighted Attribute-Based Encryption for Sharing Data in Cloud Computing. Applied Sciences (Switzerland), 2018, 8, 2519.	2.5	3
159	Delay-Guaranteed Admission Control for LAA Coexisting With WiFi. IEEE Wireless Communications Letters, 2019, 8, 1048-1051.	5.0	3
160	Coexistence Performance and Limits of Frame-Based Listen-Before-Talk. IEEE Transactions on Mobile Computing, 2020, 19, 1084-1095.	5.8	3
161	Optimal Power Allocation for Superposed Secrecy Transmission in Multicarrier Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1332-1346.	6.3	3
162	A High-Performance Hybrid Blockchain System for Traceable IoT Applications. Lecture Notes in Computer Science, 2019, , 721-728.	1.3	3

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163	Vision-Based Parking Space Detection: A Mask R-CNN Approach. , 2021, , .		3
164	A<sup>2</sup>-MAC: an application adaptive medium access control protocol for data collections in wireless sensor networks. , 2007, , .		2
165	Evolutionary Coordinative Foraging Algorithm Based on Hawk-Dove Game. , 2008, , .		2
166	Modeling IEEE 802.11 DCF System Dynamics. , 2010, , .		2
167	Preparation Eco-Cement with Semi Dry FGD Ash from Steel Plant. Applied Mechanics and Materials, 0, 665, 379-382.	0.2	2
168	Automated Policy Combination for Data Sharing across Multiple Organizations. , 2015, , .		2
169	Evolutionary radio resource management in distributed femtocell networks. , 2015, , .		2
170	Performance analysis of two-way MAC layer network coding under finite relay buffer and non-negligible signalling overhead. Wireless Communications and Mobile Computing, 2016, 16, 3230-3243.	1.2	2
171	Radio over Cloud (RoC): Cloud-Assisted Distributed Beamforming for Multi-Class Traffic. IEEE Transactions on Mobile Computing, 2019, 18, 1368-1379.	5.8	2
172	Game Theoretic Suppression of Forged Messages in Online Social Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-11.	9.3	2
173	Exploring Uplink Achievable Rate for HPO MIMO Through Quasi-Monte Carlo and Variance Reduction Techniques. IEEE Access, 2020, 8, 75874-75883.	4.2	2
174	Online Learning of Optimal Proactive Schedule Based on Outdated Knowledge for Energy Harvesting Powered Internet-of-Things. IEEE Transactions on Wireless Communications, 2021, 20, 1248-1262.	9.2	2
175	Multi-layer Reverse Engineering System for Vehicular Controller Area Network Messages. , 2022, , .		2
176	Matching differentiated services PHBs to ATM service categories-the AF to VBR case. , 0, , .		1
177	A rule-based decision subsystem design approach for intelligent robot. , 2009, , .		1
178	A channel access cycle based model for IEEE 802.11e EDCA in unsaturated traffic conditions. , 2012, , .		1
179	Efficient data transmission with random linear coding in multi-channel cognitive radio networks. , 2013, , .		1
180	Effects of Metal Oxides during Pyrolysis Sludge by Kinetic Analysis. Advanced Materials Research, 2013, 864-867, 1854-1858.	0.3	1

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181	A modified shuffled frog leaping algorithm for PAPR reduction in OFDM systems. , 2014, , .		1
182	Work-Conserving In-Sequence Striping in Multi-Band Wireless Backhaul Systems. IEEE Transactions on Mobile Computing, 2014, 13, 1896-1908.	5.8	1
183	Target allocation of WSN based on Parallel Chaotic Elite Quantum-Inspired Evolutionary Algorithm. , 2015, , .		1
184	Analytic model on data security in VANETs. , 2017, , .		1
185	AC-PROT: An Access Control Model to Improve Software-Defined Networking Security. , 2017, , .		1
186	Deterministic Channel Aggregation for LTE in Unlicensed Spectrum. IEEE Communications Letters, 2021, 25, 807-811.	4.1	1
187	Modeling Mobile Cellular Networks Based on Social Characteristics. International Journal of Computers, Communications and Control, 2016, 11, 480.	1.8	1
188	Decoupling 5G Network Control: Centralised Coordination and Distributed Adaptation. International Journal of Computers, Communications and Control, 2018, 13, 192-204.	1.8	1
189	TDMA Based Code Dissemination Protocol on an Integrated Positioning and Sensing System. , 2010, , .		0
190	A QoS enabled positioning, sensing, and communication system for first responders. , 2010, , .		0
191	Alkali Migration during Corncob Combustion in Fluidized Bed. , 2011, , .		0
192	Fast and accurate tracking in wireless networks. , 2011, , .		0
193	Errata to the paper "A New Queueing Model for QoS Analysis of IEEE 802.11 DCF with Finite Buffer and Load" [Aug 10 2664-2675]. IEEE Transactions on Wireless Communications, 2013, 12, 5374-5374.	9.2	0
194	Modified elite chaotic artificial fish swarm algorithm for PAPR reduction in OFDM systems. , 2014, , .		0
195	Low complexity user pairing and resource allocation of heterogeneous users for uplink virtual MIMO system over LTE-A network. , 2014, , .		0
196	A new hybrid ARQ protocol for two-way relay networks. , 2014, , .		0
197	Game Theoretic Approach for Smallcell Resource Management. , 2015, , .		0
198	Decentralized Relaying and Performance Analysis in Vehicular Ad Hoc Networks. , 2017, , .		0

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199	Node-centric route mutation for large-scale SDN based on 3D earth mover's distance model. , 2017, , .		0
200	A Decoupled 5G Network Control Framework: Distributed Adaptation and Centralized Coordination. , 2017, , .		0
201	Modeling CCH Switch to SCH in IEEE 802.11p/WAVE Vehicular Networks. , 2017, , .		0
202	Comments on "Cross-Tier Cooperation for Optimal Resource Utilization in Ultra-Dense Heterogeneous Networks" IEEE Transactions on Vehicular Technology, 2018, 67, 11307-11308.	6.3	0
203	Optimal Selection of Heterogeneous Network Interfaces for High-Speed Rail Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 15005-15018.	6.3	0
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