Supeng Leng

List of Publications by Year
in descending order

252 papers	6,422 citations	122655 33 h-index	89383 70 g-index
255 all docs	255 docs citations	255 times ranked	7372 citing authors

#	Article	IF	Citations
1	Energy-Efficient Offloading for Mobile Edge Computing in 5G Heterogeneous Networks. IEEE Access, 2016, 4, 5896-5907.	4.4	702
2	Mobile-Edge Computing for Vehicular Networks: A Promising Network Paradigm with Predictive Off-Loading. IEEE Vehicular Technology Magazine, 2017, 12, 36-44.	3.8	586
3	Deep Learning Empowered Task Offloading for Mobile Edge Computing in Urban Informatics. IEEE Internet of Things Journal, 2019, 6, 7635-7647.	9.3	251
4	Deep Reinforcement Learning for Cooperative Content Caching in Vehicular Edge Computing and Networks. IEEE Internet of Things Journal, 2020, 7, 247-257.	9.3	235
5	Optimal delay constrained offloading for vehicular edge computing networks. , 2017, , .		221
6	Mobile Edge Computing and Networking for Green and Low-Latency Internet of Things. , 2018, 56, 39-45.		216
7	Cooperative Content Caching in 5G Networks with Mobile Edge Computing. IEEE Wireless Communications, 2018, 25, 80-87.	10.4	210
8	An IEEE 802.11p-Based Multichannel MAC Scheme With Channel Coordination for Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 449-458.	8.4	208
9	Collaborative Task Offloading in Vehicular Edge Multi-Access Networks. IEEE Communications Magazine, 2018, 56, 48-54.	7.4	202
10	A Hierarchical Blockchain-Enabled Federated Learning Algorithm for Knowledge Sharing in Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3975-3986.	8.4	181
11	Performance Analysis of Connectivity Probability and Connectivity-Aware MAC Protocol Design for Platoon-Based VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 5596-5609.	6.7	135
12	Artificial Intelligence Inspired Transmission Scheduling in Cognitive Vehicular Communications and Networks. IEEE Internet of Things Journal, 2019, 6, 1987-1997.	9.3	130
13	Energy Efficiency and Delay Tradeoff for Wireless Powered Mobile-Edge Computing Systems With Multi-Access Schemes. IEEE Transactions on Wireless Communications, 2020, 19, 1855-1867.	10.1	110
14	Multi-Agent Deep Reinforcement Learning for Computation Offloading and Interference Coordination in Small Cell Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 9282-9293.	6.7	104
15	Delay constrained offloading for Mobile Edge Computing in cloud-enabled vehicular networks. , 2016, , .		101
16	Intelligent Task Offloading for Heterogeneous V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2226-2238.	8.4	79
17	Edge Intelligence for Autonomous Driving in 6G Wireless System: Design Challenges and Solutions. IEEE Wireless Communications, 2021, 28, 40-47.	10.4	79
18	A dynamic bandwidth allocation algorithm in mobile networks with big data of users and networks. IEEE Network, 2016, 30, 6-10.	7.8	77

#	Article	IF	Citations
19	Incentive-Driven Energy Trading in the Smart Grid. IEEE Access, 2016, 4, 1243-1257.	4.4	73
20	Social-Aware Edge Caching in Fog Radio Access Networks. IEEE Access, 2017, 5, 8492-8501.	4.4	72
21	An Incentivized Auction-Based Group-Selling Approach for Demand Response Management in V2G Systems. IEEE Transactions on Industrial Informatics, 2015, 11, 1554-1563.	12.1	68
22	Data and Energy Integrated Communication Networks for Wireless Big Data. IEEE Access, 2016, 4, 713-723.	4.4	65
23	Intelligent UAV Swarm Cooperation for Multiple Targets Tracking. IEEE Internet of Things Journal, 2022, 9, 743-754.	9.3	64
24	Joint Scheduling and Beamforming Coordination in Cloud Radio Access Networks With QoS Guarantees. IEEE Transactions on Vehicular Technology, 2016, 65, 5449-5460.	6.7	62
25	Smart Network Slicing for Vehicular Fog-RANs. IEEE Transactions on Vehicular Technology, 2019, 68, 3075-3085.	6.7	59
26	Architecture of Hybrid Mobile Social Networks for Efficient Content Delivery. Wireless Personal Communications, 2015, 80, 85-96.	2.8	58
27	Fair Energy-Efficient Scheduling in Wireless Powered Full-Duplex Mobile-Edge Computing Systems. , 2017, , .		52
28	Optimal Charging Schemes for Electric Vehicles in Smart Grid: A Contract Theoretic Approach. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3046-3058.	8.4	52
29	Proof-of-Reputation Based-Consortium Blockchain for Trust Resource Sharing in Internet of Vehicles. IEEE Access, 2019, 7, 175744-175757.	4.4	52
30	Power Minimization Resource Allocation for Underlay MISO-NOMA SWIPT Systems. IEEE Access, 2019, 7, 17247-17255.	4.4	48
31	Energy-aware traffic engineering in hybrid SDN/IP backbone networks. Journal of Communications and Networks, 2016, 18, 559-566.	3.3	47
32	QoE-Aware Power Management in Vehicle-to-Grid Networks: A Matching-Theoretic Approach. IEEE Transactions on Smart Grid, 2018, 9, 2468-2477.	9.7	45
33	Deep-Learning-Based Intelligent Intervehicle Distance Control for 6G-Enabled Cooperative Autonomous Driving. IEEE Internet of Things Journal, 2021, 8, 15180-15190.	9.3	43
34	Reinforcement learning enabled cooperative spectrum sensing in cognitive radio networks. Journal of Communications and Networks, 2020, 22, 12-22.	3.3	42
35	Mobile social networks: Design requirements, architecture, and state-of-the-art technology. Computer Communications, 2017, 100, 1-19.	5.5	38
36	Compact Bandpass Filter With High Selectivity Using Quarter-Mode Substrate Integrated Waveguide and Coplanar Waveguide. IEEE Microwave and Wireless Components Letters, 2017, 27, 809-811.	3.3	36

#	Article	IF	Citations
37	Communication and Computing Resource Optimization for Connected Autonomous Driving. IEEE Transactions on Vehicular Technology, 2020, 69, 12652-12663.	6.7	34
38	A novel k-hop Compound Metric Based Clustering scheme for ad hoc wireless networks. IEEE Transactions on Wireless Communications, 2009, 8, 367-375.	10.1	33
39	Analysis of connectivity probability in platoon-based Vehicular Ad Hoc Networks. , 2014, , .		33
40	An Enhanced Multi-Channel MAC for the IEEE 1609.4 Based Vehicular Ad Hoc Networks. , 2010, , .		31
41	CyberChain: Cybertwin Empowered Blockchain for Lightweight and Privacy-Preserving Authentication in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 4620-4631.	6.7	31
42	Medium access control in vehicular ad hoc networks. Wireless Communications and Mobile Computing, 2011, 11, 796-812.	1.4	30
43	Joint optimization of Offloading and Resource Allocation in Vehicular Networks with Mobile Edge Computing. , 2018, , .		30
44	A New Vehicular Fog Computing Architecture for Cooperative Sensing of Autonomous Driving. IEEE Access, 2020, 8, 10997-11006.	4.4	30
45	Cooperative Connected Autonomous Vehicles (CAV): Research, Applications and Challenges. , 2019, , .		29
46	A Carrier Aggregation Based Resource Allocation Scheme for Pervasive Wireless Networks. , 2011, , .		28
47	A multi-priority supported medium access control in Vehicular Ad Hoc Networks. Computer Communications, 2014, 39, 11-21.	5.5	28
48	Joint Deployment and Mobility Management of Energy Harvesting Small Cells in Heterogeneous Networks. IEEE Access, 2017, 5, 183-196.	4.4	28
49	Online Learning and Optimization for Computation Offloading in D2D Edge Computing and Networks. Mobile Networks and Applications, 2022, 27, 1111-1122.	3.4	28
50	Contract-theoretic Approach for Delay Constrained Offloading in Vehicular Edge Computing Networks. Mobile Networks and Applications, 2019, 24, 1003-1014.	3.4	28
51	A Blockchain Enhanced Dynamic Spectrum Sharing Model Based on Proof-of-Strategy. , 2020, , .		28
52	A QoS Supported Multi-Channel MAC for Vehicular Ad Hoc Networks. , 2011, , .		26
53	Energy-efficient resource allocation strategy in ultra dense small-cell networks: A Stackelberg game approach. , 2017, , .		26
54	A Millimeter Wave-Based Sensor Data Broadcasting Scheme for Vehicular Communications. IEEE Access, 2019, 7, 149387-149397.	4.4	26

#	Article	IF	Citations
55	Collaborative Edge Computing and Caching in Vehicular Networks. , 2020, , .		26
56	Substrate-Integrated Waveguide Power Combiner/Divider Incorporating Absorbing Material. IEEE Microwave and Wireless Components Letters, 2017, 27, 885-887.	3.3	24
57	Energy Efficiency and Delay Tradeoff in Multi-User Wireless Powered Mobile-Edge Computing Systems. , 2017, , .		24
58	A machine-learning based time constrained resource allocation scheme for vehicular fog computing. China Communications, 2019, 16, 29-41.	3.4	24
59	Deep Reinforcement Learning for Controller Placement in Software Defined Network. , 2020, , .		24
60	Blockchain Empowered Resource Trading in Mobile Edge Computing and Networks. , 2019, , .		23
61	Task scheduling in fog enabled Internet of Things for smart cities. , 2017, , .		22
62	Inter-symbol interference analysis of synaptic channel in molecular communications. , 2014, , .		21
63	Sizeâ€reduced dualâ€band HMSIW cavity filters loaded with doubleâ€sided SICSRRs. Electronics Letters, 2017, 53, 689-691.	1.0	20
64	A DAG Blockchain-Enhanced User-Autonomy Spectrum Sharing Framework for 6G-Enabled IoT. IEEE Internet of Things Journal, 2022, 9, 8012-8023.	9.3	20
65	Full-Duplex Aided User Virtualization for Mobile Edge Computing in 5G Networks. IEEE Access, 2018, 6, 2996-3007.	4.4	19
66	Cooperative Fog-Cloud Computing Enhanced by Full-Duplex Communications. IEEE Communications Letters, 2018, 22, 2044-2047.	4.4	19
67	A Novel Location-Service Protocol Based on k-Hop Clustering for MobileAd HocNetworks. IEEE Transactions on Vehicular Technology, 2007, 56, 810-817.	6.7	18
68	Compact inline substrate integrated waveguide filter with enhanced selectivity using new nonâ€resonating node. Electronics Letters, 2016, 52, 1778-1780.	1.0	18
69	Privacy-by-Decoy: Protecting location privacy against collusion and deanonymization in vehicular location based services. , 2014, , .		17
70	A Hierarchical Blockchain Aided Proactive Caching Scheme for Internet of Vehicles. , 2019, , .		17
71	Power charging and discharging scheduling for V2G networks in the smart grid. , 2013, , .		16
72	Integrated Sensing and Communication in UAV Swarms for Cooperative Multiple Targets Tracking. IEEE Transactions on Mobile Computing, 2022, , 1-17.	6.4	16

#	Article	IF	Citations
73	Improving Quality of Experience in multimedia Internet of Things leveraging machine learning on big data. Future Generation Computer Systems, 2018, 86, 1413-1423.	8.0	15
74	Energy-Efficient Transmission Schemes for Cooperative Wireless Powered Cellular Networks. IEEE Transactions on Green Communications and Networking, 2019, 3, 494-504.	5.9	15
75	Collaborative Machine Learning for Energy-Efficient Edge Networks in 6G. IEEE Network, 2021, 35, 12-19.	7.8	15
76	GPS: A method for data sharing in Mobile Social Networks. , 2014, , .		14
77	Visible light communication-based traffic control of autonomous vehicles at multi-lane roundabouts. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.6	14
78	Intelligent Resource Allocation Schemes for UAV-Swarm-Based Cooperative Sensing. IEEE Internet of Things Journal, 2022, 9, 21570-21582.	9.3	14
79	An efficient broadcast relay scheme for MANETs. Computer Communications, 2005, 28, 467-476.	5.5	13
80	Platoon-based electric vehicles charging with renewable energy supply: A queuing analytical model. , 2016, , .		13
81	Power Control for Full-Duplex Relay-Enhanced Cellular Networks With QoS Guarantees. IEEE Access, 2017, 5, 4859-4869.	4.4	13
82	Gathering Point-Aided Viral Marketing inÂDecentralized Mobile Social Networks. IEEE Systems Journal, 2018, 12, 1566-1576.	4.9	13
83	Suppressors of cytokine signaling inhibit effector T cell responses during Mycobacterium tuberculosis Infection. Immunology and Cell Biology, 2011, 89, 786-791.	2.6	12
84	A joint resource allocation scheme for OFDMA-based wireless networks with carrier aggregation. , 2012, , .		12
85	Channel allocation and reallocation for cognitive radio networks. Wireless Communications and Mobile Computing, 2013, 13, 1073-1081.	1.4	12
86	Mining Task Offloading in Mobile Edge Computing Empowered Blockchain. , 2019, , .		12
87	Joint Power Control and Computation Offloading for Energy-Efficient Mobile Edge Networks. IEEE Transactions on Wireless Communications, 2022, 21, 4522-4534.	10.1	12
88	Secure and Efficient Blockchain-Based Knowledge Sharing for Intelligent Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14620-14631.	8.4	12
89	IEEE 802.11 MAC protocol enhanced by busy tones. , 0, , .		11
90	A multi-priority supported p-persistent MAC protocol for Vehicular Ad Hoc Networks. , 2012, , .		11

#	Article	IF	Citations
91	Connectivity-aware Medium Access Control in platoon-based Vehicular Ad Hoc Networks. , 2015, , .		11
92	Compact power divider with improved isolation and bandpass response. Microwave and Optical Technology Letters, 2017, 59, 1776-1781.	1.5	11
93	Data Poison Detection Schemes for Distributed Machine Learning. IEEE Access, 2020, 8, 7442-7454.	4.4	11
94	Intelligent Sensing Scheduling for Mobile Target Tracking Wireless Sensor Networks. IEEE Internet of Things Journal, 2022, 9, 15066-15076.	9.3	11
95	A low overhead wireless sensor networks MAC protocol. , 2010, , .		10
96	Architecture of heterogeneous wireless access networks: A short survey. , 2015, , .		10
97	Optimal storage allocation on throwboxes in Mobile Social Networks. Computer Networks, 2015, 91, 90-100.	5.5	10
98	Joint Communication and Computation Resource Optimization for NOMA-Assisted Mobile Edge Computing. , 2019, , .		10
99	A Blockchain Enhanced Coexistence of Heterogeneous Networks on Unlicensed Spectrum. IEEE Transactions on Vehicular Technology, 2022, 71, 7613-7624.	6.7	10
100	A simple adaptive optimization scheme forIEEE 802.11 with differentiated channel access. IEEE Communications Letters, 2009, 13, 297-299.	4.4	9
101	Intelligent Resource Collaboration in Mobile Target Tracking Oriented Mission-Critical Sensor Networks. IEEE Access, 2020, 8, 10971-10980.	4.4	9
102	An Improved Fast Convergent Artificial Bee Colony Algorithm for Unmanned Aerial Vehicle Path Planning in Battlefield Environment. , 2020, , .		9
103	The Upper Bounds of Cellular Vehicle-to-Vehicle Communication Latency for Platoon-Based Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 6874-6887.	8.4	9
104	Efficient anti-jamming strategies in multi-channel wireless networks. , 2013, , .		8
105	QoS-aware energy-efficient multicast for multi-view video in indoor small cell networks. , 2014, , .		8
106	Socially-Aware Multi-phase Opportunistic Routing for Distributed Mobile Social Networks. Wireless Personal Communications, 2014, 79, 1343-1368.	2.8	8
107	Joint optimization of throwbox deployment and storage allocation in Mobile Social Networks. , 2015, , .		8
108	Learning Cooperation Schemes for Mobile Edge Computing Empowered Internet of Vehicles. , 2020, , .		8

#	Article	IF	Citations
109	A Novel K-hop Cluster-based Location Service Protocol for Mobile Ad Hoc Networks. , 2006, , .		7
110	Mobility analysis of mobile hosts with random walking in ad hoc networks. Computer Networks, 2007, 51, 2514-2528.	5.5	7
111	Optimal gateway placement in the smart grid Machine-to-Machine networks. , 2011, , .		7
112	A low-overhead energy-efficient ARQ protocol for wireless sensor networks. China Communications, 2014, 11, 74-87.	3.4	7
113	Risk and Safety of Complex Network Systems. Mathematical Problems in Engineering, 2016, 2016, 1-3.	1.2	7
114	Transmission probability analysis of energy harvesting enabled 802.11 protocol. , 2016, , .		7
115	Block Mining or Service Providing: A Profit Optimizing Game of the PoW-Based Miners. IEEE Access, 2020, 8, 134800-134816.	4.4	7
116	Degree of link dependence-based LTE-V2V clustering and alarm information forwarding. , 2016, , .		7
117	k-hop compound metric based clustering scheme for ad hoc networks. , 0, , .		6
118	Power-Fixed and Power-Aware MAC Protocols for Multihop Wireless Networks With a Large Interference Area. IEEE Transactions on Vehicular Technology, 2009, 58, 2966-2976.	6.7	6
119	Improvement of content delivery in Mobile Social Networks. , 2013, , .		6
120	Multimedia Traffic Placement under 5G radio access techniques in indoor environments. , 2015, , .		6
121	A Fair Resource Allocation Algorithm for Data and Energy Integrated Communication Networks. Mobile Information Systems, 2016, 2016, 1-10.	0.6	6
122	Cooperation for optimal demand response in cognitive radio enabled smart grid. , 2016, , .		6
123	A Markovian analytical framework for publicâ€safety video sharing by deviceâ€toâ€device communications. Concurrency Computation Practice and Experience, 2017, 29, e4078.	2.2	6
124	Service chain performance optimization based on middlebox deployment. , 2017, , .		6
125	Enhanced Artificial Potential Field-based Moving Obstacle Avoidance for UAV in Three-Dimensional Environment. , 2020, , .		6
126	Group bidding for guaranteed Quality of Energy in V2G smart grid networks. , 2015, , .		5

#	Article	IF	Citations
127	Multiple time-scale energy scheduling with energy harvesting aided heterogeneous cloud radio access networks. , 2016, , .		5
128	Optimal energy exchange schemes in smart grid networks: A contract theoretic approach. , 2016, , .		5
129	Successive interference cancellation in full duplex cellular networks. , 2017, , .		5
130	Secure Knowledge Sharing in Internet of Vehicles: A DAG-Enabled Blockchain Framework. , 2021, , .		5
131	Evolved PoW: Integrating the Matrix Computation in Machine Learning Into Blockchain Mining. IEEE Internet of Things Journal, 2023, 10, 6689-6702.	9.3	5
132	Digital Twin Based Trajectory Prediction for Platoons of Connected Intelligent Vehicles. , 2021, , .		5
133	A Novel Dual Busy Tone Aided MAC Protocol for Multi-hop Wireless Networks. , 2009, , .		4
134	Access granularity control of multichannel random access in next-generation wireless LANs. Computer Networks, 2015, 91, 135-150.	5.5	4
135	A Cluster-Based Resource Allocation Strategy with Energy Harvesting in Dense Small-Cell Networks. , 2016, , .		4
136	Matching theory based travel plan aware charging algorithms in V2G smart grid networks. , 2016, , .		4
137	Matched loads using substrate integrated waveguide and shaped absorbing material for KAâ€ŀQâ€band applications. Microwave and Optical Technology Letters, 2017, 59, 1174-1178.	1.5	4
138	Matching game approach for charging scheduling in vehicle-to-grid networks. , 2017, , .		4
139	Resources allocation in SWIPT aided fog computing networks. , 2017, , .		4
140	Malware propagation analysis in message-recallable online social networks. , 2017, , .		4
141	Compact filter based on a hybrid structure of substrate integrated waveguide and coplanar waveguide. IEICE Electronics Express, 2017, 14, 20161198-20161198.	0.8	4
142	A two layer model of malware propagation in a search engine context. , 2018, , .		4
143	When Autonomous Drones Meet Driverless Cars. , 2018, , .		4
144	Intelligent Deployment of Dedicated Servers: Rebalancing the Computing Resource in IoT. , 2020, , .		4

#	Article	IF	Citations
145	A UAV Swarm Sensing Oriented Distributed Computing Cooperation Scheme. , 2021, , .		4
146	An Improved Sparse Hierarchical Lazy Theta* Algorithm for UAV Real-Time Path Planning in Unknown Three-Dimensional Environment. , 2020, , .		4
147	Dynamic spectrum access for cognitive radio networks based on reservation channels. , 2011, , .		3
148	A joint resource allocation algorithm for cooperative communications. , 2011, , .		3
149	Privacy addressing and autoconfiguration for mobile ad hoc networks. Computer Communications, 2011, 34, 423-428.	5.5	3
150	ESD: An Energy Saving Data Delivery Scheme in Mobile Social Networks. , 2015, , .		3
151	QoE Provisioning by Random Access in Next-Generation Wireless Networks. , 2015, , .		3
152	Priority-Based Real-Time Stream Coding under Burst Erasures. , 2015, , .		3
153	Backhaul Aggregation for Smart Homes in Heterogeneous Wireless Networks. , 2015, , .		3
154	Socially-aware E-Box deployment schemes for joint data forwarding and energy harvesting. , 2016, , .		3
155	Resource sharing and power control with QoS provisioning in device-to-device underlaying cellular networks. , 2016, , .		3
156	Joint multi-RATs and cloud-service matching scheme in wireless heterogeneous networks. , 2016, , .		3
157	Small-reflected substrate integrated waveguide termination with multi-step shape and absorbing material. , 2017, , .		3
158	Energy-Efficient Resource Allocation for Cooperative Wireless Powered Cellular Networks. , 2018, , .		3
159	On Modeling Malware Propagation in Interest-Based Overlapping Communities. , 2019, , .		3
160	Architecture for efficient content distribution in hybrid mobile social networks. WIT Transactions on Engineering Sciences, 2014, , .	0.0	3
161	Auction Mechanism-based Multi-type Task Planning for Heterogeneous UAVs Swarm. , 2020, , .		3
162	A Communication Scheme for Delay Sensitive Perception Tasks of Autonomous Vehicles. , 2020, , .		3

#	Article	IF	Citations
163	A Digital-Twin-Empowered Lightweight Model-Sharing Scheme for Multirobot Systems. IEEE Internet of Things Journal, 2023, 10, 17231-17242.	9.3	3
164	Novel Neutral Network Approach to Call Admission Control in High-speed Networks. International Journal of Neural Systems, 2003, 13, 251-262.	6.0	2
165	Effects of mobility on stability in vehicular ad hoc networks. , 2010, , .		2
166	Joint power and rate control in cognitive network with external interference. , 2011, , .		2
167	An Information Relevance Related Broadcast scheme for Safety Packets in VANETs. , 2012, , .		2
168	Low-complexity optimal energy-efficient resource allocation in downlink OFDMA networks. , 2012, , .		2
169	A game-based power control scheme for cognitive radio networks. , 2012, , .		2
170	An Auction-theoretic Spectrum Leasing Scheme for Cognitive Radio Networks. , 2012, , .		2
171	A joint resource allocation scheme for OFDMA-based wireless pervasive networks with carrier aggregation. International Journal of Ad Hoc and Ubiquitous Computing, 2013, 13, 109.	0.5	2
172	Work in progress: An optimized transmission mode and switching mechanism towards MBMS business in long term evolution. , 2014, , .		2
173	QoS-aware energy-efficient multicast for multi-view video with Fractional Frequency Reuse. , 2015, , .		2
174	A scalable gather point based data delivery scheme in mobile social networks. , 2016, , .		2
175	The fundamental analysis of the road efficiency for internet of vehicles. , 2017, , .		2
176	Miniaturized dual-band filters based on quarter-mode substrate integrated waveguide loaded with double-sided stepped-impedance complementary split-ring resonators. , 2017, , .		2
177	A minimum data-rate guaranteed joint resource allocation scheme for D2D communication system. , 2017, , .		2
178	Fog computing aided multi-view video in mobile social networks. , 2017, , .		2
179	Wideband isolation-improved substrate-integrated waveguide power dividers/combiners. International Journal of Microwave and Wireless Technologies, 2018, 10, 1019-1027.	2.3	2
180	Utility-Optimal Resource Allocation in Energy Harvesting Powered C-RAN. , 2018, , .		2

#	Article	IF	Citations
181	Recouping Efficient Safety Distance in IoV-Enhanced Transportation Systems. , 2019, , .		2
182	Fog-Enabled Cooperative Offloading for Intermittently Connected Vehicular Networks. , 2019, , .		2
183	Energy harvesting and computing enabled data broadcasting in mobile social networks. International Journal of Communication Systems, 2018, 31, e3389.	2.5	2
184	Feature-Attended Multi-Flow LSTM for Anomaly Detection in Internet of Things. , 2022, , .		2
185	Multi-agent Deep Reinforcement Learning-based Task Scheduling and Resource Sharing for O-RAN-empowered Multi-UAV-assisted Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2024, , 1-14.	6.7	2
186	An Adaptive Transmission Control MAC Scheme for DCF to Improve Throughput and Short-Term Fairness. , 2008, , .		1
187	Attacks and countermeasures in wireless cellular networks. , 2012, , .		1
188	Adaptive Airport Taxi Dispatch Algorithm Based on PCA-WNN. , 2013, , .		1
189	Variation prediction-based energy saving scheme in status monitoring WSNs. , 2013, , .		1
190	A traffic class-based network selection scheme for heterogeneous wireless networks. , 2013, , .		1
191	Cellular automata self-organization algorithm for Wireless Sensor Network. , 2014, , .		1
192	A Cooperative-pricing-based Access Selection Mechanism for vehicular heterogeneous networks. , 2014, , .		1
193	Modeling Wireless Sensor Network Based on Non-Volatile Cellular Automata. IEICE Transactions on Communications, 2015, E98.B, 1294-1301.	0.8	1
194	Medium access control in vehicular ad hoc networks. , 2015, , 39-73.		1
195	Traffic-aware resource allocation for full duplex wireless networks. , 2016, , .		1
196	Cooperative backhaul sharing and caching for home cells. Computers and Electrical Engineering, 2017, 61, 351-360.	5.2	1
197	Joint Power and Time Resource Optimization in Full-Duplex Wireless-Powered Communication Networks. , 2017, , .		1
198	A Generalized Multi-Stage P-Persistent MAC Protocol for V2V Communications. , 2018, , .		1

#	Article	IF	Citations
199	Reinforcement Learning Based Safety Message Broadcasting in Vehicular Networks. , 2018, , .		1
200	Real-Time Traffic Flow Management Based on Visible Light Communication: A Case Study at Roundabout. , 2019, , .		1
201	Destination Driven Computation Offloading in Internet of Things. , 2019, , .		1
202	Multi-Agent Learning Empowered Collaborative Decision for Autonomous Driving Vehicles. , 2020, , .		1
203	Data and energy integrated communication networks. Scientia Sinica Informationis, 2016, 46, 591-609.	0.5	1
204	Theoretical Analysis and Experimental Study. International Journal of Interdisciplinary Telecommunications and Networking, 2013, 5, 66-82.	0.3	1
205	Secure and Fast Emergency Data Sharing in Vehicle Social Network Using Consortium Blockchain. , 2021, , .		1
206	Joint Optimization for Cluster Head Selection in UAV-Assisted WSN. , 2021, , .		1
207	An Optimal Packet Delivery Strategy Based on Deep Reinforcement Learning in IoV. , 2021, , .		1
208	Multi-UAV Data Collection Optimization for Sink Node and Trajectory Planning in WSN. , 2022, , .		1
209	Tiered Digital Twin-Assisted Cooperative Multiple Targets Tracking. IEEE Transactions on Wireless Communications, 2024, 23, 3749-3762.	10.1	1
210	A Federated Digital Twin Framework for UAVs-Based Mobile Scenarios. IEEE Transactions on Mobile Computing, 2024, 23, 7377-7393.	6.4	1
211	Analysis of voice capacity in IEEE 802.11 Wireless LANs with/without data traffic. , 2008, , .		0
212	An Adaptive MAC Scheme to Achieve Throughput Optimization and Airtime Fairness for IEEE 802.11 Multirate Networks. , 2009, , .		0
213	On-demand Query Processing in Mobile Ad Hoc Networks. , 2009, , .		0
214	KCLS: A Clusterâ€Based Location Service Protocol and Its Applications in Multihop Mobile Networks. , 2010, , 141-162.		0
215	Analysis of cognitive radio spectrum access with constraining interference. , 2011, , .		0
216	Slotted ALOHA in Dynamic Spectrum Sharing Communication System. , 2011, , .		0

#	Article	IF	Citations
217	Interference-aware resource allocation for relay-enhanced multicell networks. , 2013, , .		0
218	Backup Backhaul for Femtocells. , 2014, , .		0
219	Poster paper: A green transmission power control scheme for cellular networks in smart grid. , 2014, , .		0
220	ESD: An Energy Saving Data Delivery Scheme in Mobile Social Networks. , 2014, , .		0
221	Priority-Based Real-Time Stream Coding under Burst Erasures. , 2014, , .		0
222	QoE Provisioning by Random Access in Next-Generation Wireless Networks. , 2014, , .		0
223	Optimal Resource Allocation for Energy-Efficient OFDMA Networks. Mathematical Problems in Engineering, 2015, 2015, 1-10.	1.2	0
224	Coalition Based Bandwidth Allocation in Mobile Social Networks. , 2015, , .		0
225	A delay analysis model for Multichannel Random Access in OFDMA systems. , 2015, , .		0
226	Service-oriented wireless multimedia multicasting with partial frequency reuse. Tsinghua Science and Technology, 2016, 21, 598-609.	6.4	0
227	Fair energy-efficient resource allocation based on queue balancing in data and energy integrated communication networks. , 2016, , .		0
228	Priority-based real-time stream coding over multi-channel under sliding window erasures. , 2016, , .		0
229	Selected papers from IEEE/CIC ICCC 2016. China Communications, 2017, 14, 18-19.	3.4	0
230	Mobile Edge Decoding for Saving Energy and Improving Experience. , 2017, , .		0
231	Joint Traffic Scheduling and Duplex Mode Selection in Full-Duplex Relay Networks. , 2018, , .		0
232	Security Performance of the Distributed Antenna IoT Network with Full-Duplex Wireless Power Transfer. , 2018, , .		0
233	Distributed caching in informationâ€centric cellular networks with full duplex communication. IET Communications, 2019, 13, 223-231.	2.3	0
234	Data Manipulation Avoidance Schemes for Distributed Machine Learning. , 2019, , .		0

#	Article	IF	Citations
235	Multitasks Scheduling in Delay-Bounded Mobile Edge Computing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 224-237.	0.0	0
236	On Modeling Malware Propagation in Interest-Based Overlapping Communities. IEEE Access, 2019, 7, 121374-121387.	4.4	0
237	Capability Modeling of Information Deceiving and Achieving in Message Tampering Confrontations. , 2019, , .		0
238	Joint Resource Allocation Algorithm in Relay-Enhanced D2D Communication Networks. , 2019, , .		0
239	Interference-Aware Power Control for Relay-Enhanced Multicell Networks. IEICE Transactions on Communications, 2012, E95.B, 3845-3854.	0.8	0
240	Energy-transferring approach to power allocation with energy harvesting constraints. , 2016, , .		0
241	An Efficient Offloading Scheme for Blockchain-Empowered Mobile Edge Computing. Communications in Computer and Information Science, 2020, , 380-393.	0.0	0
242	A Fuzzy Tree System Based on Cuckoo Search Algorithm for Target Tracking in Wireless Sensor Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 268-274.	0.0	0
243	Deep Reinforcement Learning Empowered Destination Driven Computation Offloading in IoT. , 2020, , .		0
244	A Communication Resource Enhanced Intelligent Road Traffic Routing Scheme. , 2021, , .		0
245	Joint Cooperative Computation Offloading and Trajectory Optimization in Heterogeneous UAV-Swarm-Enabled Aerial Edge Computing Networks. IEEE Internet of Things Journal, 2024, 11, 17700-17711.	9.3	0
246	Minimizing Age of Information in UAV-Assisted Data Collection With Limited Charging Facilities. IEEE Wireless Communications Letters, 2024, 13, 1463-1467.	5.6	0
247	Intelligent Consensus Enhanced Spectrum Sharing in Heterogeneous Wireless Networks. IEEE Internet of Things Journal, 2024, , 1-1.	9.3	0
248	Hierarchical Digital Twin Enhanced Cooperative Sensing for UAV Swarms. IEEE Internet of Things Journal, 2024, , 1-1.	9.3	0
249	A Digital Twin-Based Traffic Guidance Scheme for Autonomous Driving. IEEE Internet of Things Journal, 2024, , 1-1.	9.3	0
250	Multi-Agent DRL-Based Energy Harvesting for Freshness of Data in UAV-Assisted Wireless Sensor Networks. IEEE Transactions on Network and Service Management, 2024, , 1-1.	5.4	0
251	RIS-Empowered Topology Control for Decentralized Federated Learning in Urban Air Mobility. IEEE Internet of Things Journal, 2024, , 1-1.	9.3	0
252	RIS-aided Trajectory Optimization in Layered Urban Air Mobility. IEEE Internet of Things Journal, 2024, , 1-1.	9.3	0