Irma Chacn

List of Publications by Year in Descending Order

1,328 papers	42,733 citations	98 h-index	152 g-index
1,505 ext. papers	52,445 ext. citations	6.6 avg, IF	8.37 L-index

#	Paper	IF	Citations
1328	Techniques for Content Delivery Performance Enhancement. *SpringerBriefs in Computer Science*, **2022**, 17-34	0.4	
1327	Evolution of NOMA Toward Next Generation Multiple Access (NGMA) for 6G. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	31
1326	Efficient Federated Meta-Learning over Multi-Access Wireless Networks. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	11
1325	Enabling Regulatory Compliance and Enforcement in Decentralized Anonymous Payment. *IEEE Transactions on Dependable and Secure Computing*, **2022**, 1-1	3.9	1
1324	Distributed Offloading in Overlapping Areas of Mobile Edge Computing for Internet of Things. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	7
1323	Unifying Futures and Spot Market: Overbooking-Enabled Resource Trading in Mobile Edge Networks. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	1
1322	Efficient and Anonymous Authentication With Succinct Multi-Subscription Credential in SAGVN. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-11	6.1	2
1321	Robust Min-Max Model Predictive Vehicle Platooning With Causal Disturbance Feedback. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-20	6.1	2
1320	A Directly Connected OTA Measurement for Performance Evaluation of 5G Adaptive Beamforming Terminals. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	2
1319	PrivStream: A privacy-preserving inference framework on IoT streaming data at the edge. *Information Fusion*, **2022**, 80, 282-294	16.7	2
1318	Optimal UAV Caching and Trajectory Design in the AGVN. *SpringerBriefs in Computer Science*, **2022**, 61-88	0.4	0
1317	Load- and Mobility-Aware Cooperative Content Delivery in the SAGVN. *SpringerBriefs in Computer Science*, **2022**, 89-109	0.4	
1316	Delay-Minimized Mobile Edge Caching in the Terrestrial HetVNet. *SpringerBriefs in Computer Science*, **2022**, 35-59	0.4	
1315	AUCTION: Automated and Quality-Aware Client Selection Framework for Efficient Federated Learning. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 33, 1996-2009	3.7	9
1314	Weighted Energy Efficiency Maximization for a UAV-Assisted Multi-Platoon Mobile Edge Computing System. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	1
1313	Blockchain-Cloud Transparent Data Marketing: Consortium Management and Fairness. *IEEE Transactions on Computers*, **2022**, 1-1	2.5	4
1312	Optimal Channel Selection in Hybrid RF/VLC Networks: A Multi-Armed Bandit Approach. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	3

1311	Blockchain-assisted Transparent Cross-domain Authorization and Authentication for Smart City. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	2
1310	Edge-Assisted Spectrum Sharing for Freshness-Aware Industrial Wireless Networks: A Learning-Based Approach. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	0
1309	Special Issue on Next Generation Multiple Access—Part I. *IEEE Journal on Selected Areas in Communications*, **2022**, 40, 1031-1036	14.2	
1308	Guest Editorial Special Issue on Next Generation Multiple Access—Part II. *IEEE Journal on Selected Areas in Communications*, **2022**, 40, 1387-1391	14.2	
1307	Decentralized Robust Control for Vehicle Platooning Subject to Uncertain Disturbances via Super-Twisting Second-Order Sliding-Mode Observer Technique. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	3
1306	Non-Orthogonal Multiple Access Assisted Secure Computation Offloading via Cooperative Jamming. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	6
1305	Intelligent Multi-Dimensional Resource Allocation in MVNETs. *Wireless Networks*, **2022**, 81-109	0.6	
1304	Aerial-Assisted Intelligent Resource Allocation. *Wireless Networks*, **2022**, 111-143	0.6	
1303	Spectrum Slicing in MEC-Assisted ADVNETs. *Wireless Networks*, **2022**, 53-80	0.6	
1302	MEC-Assisted Vehicular Networking. *Wireless Networks*, **2022**, 29-52	0.6	
1301	Hybrid NOMA-FDMA Assisted Dual Computation Offloading: A Latency Minimization Approach. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	0
1300	Federated Learning in Multi-RIS Aided Systems. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	8
1299	Transport-Layer Protocol Customization for 5G Core Networks. *Wireless Networks*, **2021**, 81-124	0.6	
1298	Beamforming-Aided Cooperative Edge Caching in mmWave Dense Networks. *Wireless Networks*, **2021**, 121-155	0.6	
1297	Industrial Internet of Things: Smart Factory. *Wireless Networks*, **2021**, 11-61	0.6	
1296	Edge Intelligence for Multi-Dimensional Resource Management in Aerial-Assisted Vehicular Networks. *IEEE Wireless Communications*, **2021**, 28, 59-65	13.4	6
1295	Learning-based Computation Offloading for IoRT through Ka/Q-Band Satellite-Terrestrial Integrated Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
1294	Joint Cache Placement and Cooperative Multicast Beamforming in Integrated Satellite-Terrestrial Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	1

1275	Dynamic VNF Resource Scaling and Migration: A Machine Learning Approach. *Wireless Networks*, **2021**, 85-129	0.6	0
1274	3D On and Off-Grid Dynamic Channel Tracking for Multiple UAVs and Satellite Communications. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	
1273	User Access Control in Open Radio Access Networks: A Federated Deep Reinforcement Learning Approach. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	3
1272	Dynamic VNF Scheduling for Network Utility Maximization. *Wireless Networks*, **2021**, 131-156	0.6	
1271	Slicing-Based Artificial Intelligence Service Provisioning on the Network Edge: Balancing AI Service Performance and Resource Consumption of Data Management. *IEEE Vehicular Technology Magazine* , **2021**, 2-12	9.9	5
1270	Deep Reinforcement Learning-based RAN Slicing for UL/DL Decoupled Cellular V2X. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	1
1269	Softwarized IoT Network Immunity Against Eavesdropping With Programmable Data Planes. *IEEE Internet of Things Journal*, **2021**, 8, 6578-6590	10.7	8
1268	Robust static output feedback Nash strategy for uncertain Markov jump linear stochastic systems. *IET Control Theory and Applications*, **2021**, 15, 1559-1570	2.5	
1267	Delay Optimal Concurrent Transmissions With Raptor Codes in Dual Connectivity Networks. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1478-1491	4.9	2
1266	Content Delivery Analysis in Cellular Networks With Aerial Caching and mmWAVE Backhaul. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 4809-4822	6.8	7
1265	AoI-Aware Co-Design of Cooperative Transmission and State Estimation for Marine IoT Systems. *IEEE Internet of Things Journal*, **2021**, 8, 7889-7901	10.7	3
1264	Cooperative Edge-Cloud Caching for Real-time Sensing Big Data Search in Vehicular Networks **2021** ,		1
1263	. *IEEE Internet of Things Journal*, **2021**, 8, 9958-9969	10.7	7
1262	Spectrum and Computing Resource Management for Federated Learning in Distributed Industrial IoT **2021**,		3
1261	Joint Cache Placement and Content Delivery in Satellite-Terrestrial Integrated C-RANs **2021**,		2
1260	Physical Layer Security Assisted Computation Offloading in Intelligently Connected Vehicle Networks. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3555-3570	9.6	13
1259	MAC for Machine-Type Communications in Industrial IoT Part I: Protocol Design and Analysis. *IEEE Internet of Things Journal*, **2021**, 8, 9945-9957	10.7	12
1258	Adaptive Computing Scheduling for Edge-Assisted Autonomous Driving. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 5318-5331	6.8	20

1257	Multi-Dimensional Resource Allocation for Diverse Safety Message Transmissions in Vehicular Networks **2021**,		1
1256	. *IEEE Internet of Things Journal*, **2021**, 8, 11219-11232	10.7	4
1255	Learning to Be Proactive: Self-Regulation of UAV Based Networks With UAV and User Dynamics. *IEEE Transactions on Wireless Communications*, **2021**, 20, 4406-4419	9.6	8
1254	Reconfigurable intelligent surfaces for smart wireless environments: channel estimation, system design and applications in 6G networks. *Science China Information Sciences*, **2021**, 64, 1	3.4	11
1253	Delay-Aware VNF Scheduling: A Reinforcement Learning Approach With Variable Action Set. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 304-318	6.6	14
1252	Achieving Accountable and Efficient Data Sharing in Industrial Internet of Things. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 1416-1427	11.9	12
1251	Towards Rear-End Collision Avoidance: Adaptive Beaconing for Connected Vehicles. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 1248-1263	6.1	43
1250	. *IEEE Transactions on Mobile Computing*, **2021**, 20, 2297-2312	4.6	35
1249	Optimal ADMM-Based Spectrum and Power Allocation for Heterogeneous Small-Cell Networks with Hybrid Energy Supplies. *IEEE Transactions on Mobile Computing*, **2021**, 20, 662-677	4.6	10
1248	Digital-Twin-Enabled Intelligent Distributed Clock Synchronization in Industrial IoT Systems. *IEEE Internet of Things Journal*, **2021**, 8, 4548-4559	10.7	17
1247	Deep Reinforcement Learning for Delay-Oriented IoT Task Scheduling in SAGIN. *IEEE Transactions on Wireless Communications*, **2021**, 20, 911-925	9.6	48
1246	. *IEEE Internet of Things Journal*, **2021**, 8, 610-625	10.7	2
1245	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. *Science China Information Sciences*, **2021**, 64, 1	3.4	264
1244	Dynamic RAN Slicing for Service-Oriented Vehicular Networks via Constrained Learning. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 2076-2089	14.2	36
1243	Joint UAV Position and Power Optimization for Accurate Regional Localization in Space-Air Integrated Localization Network. *IEEE Internet of Things Journal*, **2021**, 8, 4841-4854	10.7	6
1242	Trajectory Penetration Characterization for Efficient Vehicle Selection in HD Map Crowdsourcing. *IEEE Internet of Things Journal*, **2021**, 8, 4526-4539	10.7	2
1241	Accuracy-Guaranteed Collaborative DNN Inference in Industrial IoT via Deep Reinforcement Learning. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 4988-4998	11.9	20
1240	Learning-Based Proactive Resource Allocation for Delay-Sensitive Packet Transmission. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 675-688	6.6	3

1239	Drone-Cell Trajectory Planning and Resource Allocation for Highly Mobile Networks: A Hierarchical DRL Approach. *IEEE Internet of Things Journal*, **2021**, 8, 9800-9813	10.7	17
1238	Multi-Operator Spectrum Sharing for Massive IoT Coexisting in 5G/B5G Wireless Networks. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 881-895	14.2	21
1237	Dynamic Resource Scaling for VNF Over Nonstationary Traffic: A Learning Approach. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 648-662	6.6	13
1236	Blockchain-assisted Public-key Encryption with Keyword Search against Keyword Guessing Attacks for Cloud Storage. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	52
1235	Delay-Aware Microservice Coordination in Mobile Edge Computing: A Reinforcement Learning Approach. *IEEE Transactions on Mobile Computing*, **2021**, 20, 939-951	4.6	86
1234	Multiagent Meta-Reinforcement Learning for Adaptive Multipath Routing Optimization. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
1233	Privacy-Preserving and Efficient Data Collection Scheme for AMI Networks Using Deep Learning. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	5
1232	. *IEEE Network*, **2021**, 35, 8-15	11.4	13
1231	. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	3
1230	Secure Password-Protected Encryption Key for Deduplicated Cloud Storage Systems. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 1-1	3.9	8
1229	Reliability Benefit of Location-based Relay Selection for Cognitive Relay Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
1228	UAV-LEO Integrated Backbone: A Ubiquitous Data Collection Approach for B5G Internet of Remote Things Networks. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	5
1227	Enabling Secure and Versatile Packet Inspection with Probable Cause Privacy for Outsourced Middlebox. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	
1226	Cost-Aware Dynamic SFC Mapping and Scheduling in SDN/NFV-Enabled Space-Air-Ground Integrated Networks for Internet of Vehicles. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	11
1225	AEALV: Accurate and Efficient Aircraft Location Verification for ADS-B. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 1-1	6.6	2
1224	Location Privacy-Preserving Task Recommendation with Geometric Range Query in Mobile Crowdsensing. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	5
1223	Multi-Agent Reinforcement Learning Based Resource Management in MEC- and UAV-Assisted Vehicular Networks. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 131-141	14.2	67
1222	Joint Constellation Design and Multiuser Detection for Grant-Free NOMA. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	

1221	Reliable Cybertwin-Driven Concurrent Multipath Transfer with Deep Reinforcement Learning. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	4
1220	Two-level Soft RAN Slicing for Customized Services in 5G-and-beyond Wireless Communications. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	2
1219	Trajectory Design and Access Control for Air-Ground Coordinated Communications System with Multi-Agent Deep Reinforcement Learning. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	8
1218	Learning-Based Transmission Protocol Customization for VoD Streaming in Cybertwin-Enabled Next Generation Core Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
1217	Max-Min Fairness for Beamspace MIMO-NOMA: From Single-Beam to Multi-Beam. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	2
1216	Network for AI and AI for Network: Challenges and Opportunities for Learning-Oriented Networks. *IEEE Network*, **2021**, 1-8	11.4	5
1215	. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-15	6.1	12
1214	UAV-Assisted Physical Layer Security in Multi-Beam Satellite-Enabled Vehicle Communications. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-13	6.1	9
1213	A Federated Learning based Privacy-preserving Smart Healthcare System. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	10
1212	Joint Optimization of BS Clustering and Power Control for NOMA-Enabled CoMP Transmission in Dense Cellular Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 1924-1937	6.8	7
1211	Joint Mobility, Communication and Computation Optimization for UAVs in Air-Ground Cooperative Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 2493-2507	6.8	5
1210	Energy-efficient URLLC service provisioning in softwarization-based networks. *Science China Information Sciences*, **2021**, 64, 1	3.4	0
1209	Privacy-Preserving Task Matching With Threshold Similarity Search via Vehicular Crowdsourcing. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 7161-7175	6.8	1
1208	Leveraging Multiagent Learning for Automated Vehicles Scheduling at Nonsignalized Intersections. *IEEE Internet of Things Journal*, **2021**, 8, 11427-11439	10.7	4
1207	Drone-Small-Cell-Assisted Resource Slicing for 5G Uplink Radio Access Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 7071-7086	6.8	8
1206	Efficient and Privacy-Preserving Decision Tree Classification for Health Monitoring Systems. *IEEE Internet of Things Journal*, **2021**, 8, 12528-12539	10.7	5
1205	Deep Reinforcement Learning Based Resource Management for DNN Inference in Industrial IoT. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 7605-7618	6.8	21
1204	Distributed Task Offloading Optimization With Queueing Dynamics in Multiagent Mobile-Edge Computing Networks. *IEEE Internet of Things Journal*, **2021**, 8, 12311-12328	10.7	8

1203	Age-of-Information Aware Scheduling for Edge-Assisted Industrial Wireless Networks. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5562-5571	11.9	8
1202	Passive Network Synchronization Based on Concurrent Observations in Industrial IoT Systems. *IEEE Internet of Things Journal*, **2021**, 8, 14028-14038	10.7	1
1201	. *Proceedings of the IEEE*, **2021**, 109, 1666-1705	14.3	13
1200	Joint RAN Slicing and Computation Offloading for Autonomous Vehicular Networks: A Learning-Assisted Hierarchical Approach. *IEEE Open Journal of Vehicular Technology*, **2021**, 2, 272-288	5.3	12
1199	Application-Oriented Traffic Modeling of WiFi-based Internet of Things Gateways. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	0
1198	Verifiable and Secure SVM Classification for Cloud-based Health Monitoring Services. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	3
1197	Corrections to Joint RAN Slicing and Computation Offloading for Autonomous Vehicular Networks: A Learning-Assisted Hierarchical Approach*IEEE Open Journal of Vehicular Technology*, **2021**, 2, 345-345	5.3	0
1196	Privacy-preserving Streaming Truth Discovery in Crowdsourcing with Differential Privacy. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	6
1195	Joint Virtual Network Topology Design and Embedding for Cybertwin-Enabled 6G Core Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	4
1194	Privacy-Preserving Keyword Similarity Search over Encrypted Spatial Data in Cloud Computing. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
1193	6G service-oriented space-air-ground integrated network: A survey. *Chinese Journal of Aeronautics*, **2021**,	3.7	6
1192	Low-Latency and Fresh Content Provision in Information-Centric Vehicular Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	10
1191	Blockchain-Based Smart Advertising Network With Privacy-Preserving Accountability. *IEEE Transactions on Network Science and Engineering*, **2020**, 1-1	4.9	4
1190	Secure and Efficient Distributed Network Provenance for IoT: A Blockchain-Based Approach. *IEEE Internet of Things Journal*, **2020**, 7, 7564-7574	10.7	22
1189	Secrecy Rate Maximization via Radio Resource Allocation in Cellular Underlaying V2V Communications. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 7281-7294	6.8	9
1188	VLI: Variable-Length Identifier for Interconnecting Heterogeneous IoT Networks. *IEEE Wireless Communications Letters*, **2020**, 9, 1146-1149	5.9	4
1187	Leveraging Dynamic Stackelberg Pricing Game for Multi-Mode Spectrum Sharing in 5G-VANET. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 6374-6387	6.8	12
1186	. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1025-1039	14.2	24

1185	Delay-Aware Computation Offloading in NOMA MEC Under Differentiated Uploading Delay. *IEEE Transactions on Wireless Communications*, **2020**, 19, 2813-2826	9.6	35
1184	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 9643-9655	6.8	15
1183	Joint Task Scheduling and Energy Management for Heterogeneous Mobile Edge Computing With Hybrid Energy Supply. *IEEE Internet of Things Journal*, **2020**, 7, 8419-8429	10.7	24
1182	Secure and Efficient k NN Classification for Industrial Internet of Things. *IEEE Internet of Things Journal*, **2020**, 7, 10945-10954	10.7	11
1181	Joint Pricing and Security Investment in Cloud Security Service Market with User Interdependency. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	0
1180	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8529-8541	6.8	6
1179	Deep Reinforcement Learning Based Resource Management for Multi-Access Edge Computing in Vehicular Networks. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 2416-2428	4.9	66
1178	Energy and Information Management of Electric Vehicular Network: A Survey. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 967-997	37.1	26
1177	Performance Analysis and Enhancement of Beamforming Training in 802.11ad. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 5293-5306	6.8	8
1176	Traffic Engineering for Service-Oriented 5G Networks with SDN-NFV Integration. *IEEE Network*, **2020**, 34, 234-241	11.4	14
1175	DAPA: A Decentralized, Accountable, and Privacy-Preserving Architecture for Car Sharing Services. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4869-4882	6.8	8
1174	Security and Privacy Challenges in 5G-Enabled Vehicular Networks. *IEEE Network*, **2020**, 34, 37-45	11.4	60
1173	. *IEEE Transactions on Cognitive Communications and Networking*, **2020**, 6, 1122-1135	6.6	53
1172	Green-Oriented Dynamic Resource-on-Demand Strategy for Multi-RAT Wireless Networks Powered by Heterogeneous Energy Sources. *IEEE Transactions on Wireless Communications*, **2020**, 19, 5547-5560	9.6	5
1171	LeaD: Large-Scale Edge Cache Deployment Based on Spatio-Temporal WiFi Traffic Statistics. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	53
1170	A Joint Service Migration and Mobility Optimization Approach for Vehicular Edge Computing. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 9041-9052	6.8	39
1169	3D Channel Tracking for UAV-Satellite Communications in Space-Air-Ground Integrated Networks. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 2810-2823	14.2	17
1168	Optimal UAV Caching and Trajectory in Aerial-Assisted Vehicular Networks: A Learning-Based Approach. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 2783-2797	14.2	61

1167	Cooperative Edge Caching With Location-Based and Popular Contents for Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10291-10305	6.8	28
1166	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 3424-3438	6.8	136
1165	A Comprehensive Simulation Platform for Space-Air-Ground Integrated Network. *IEEE Wireless Communications*, **2020**, 27, 178-185	13.4	58
1164	Enhanced Active and Reactive Power Sharing in Islanded Microgrids. *IEEE Systems Journal*, **2020**, 14, 5037-5048	4.5	5
1163	Low-Complexity User Selection Algorithms for Multiuser Transmissions in mmWave WLANs. *IEEE Transactions on Wireless Communications*, **2020**, 19, 2397-2410	9.6	9
1162	SDATP: An SDN-Based Traffic-Adaptive and Service-Oriented Transmission Protocol. *IEEE Transactions on Cognitive Communications and Networking*, **2020**, 6, 756-770	6.6	10
1161	DNA Similarity Search with Access Control over Encrypted Cloud Data. *IEEE Transactions on Cloud Computing*, **2020**, 1-1	3.3	6
1160	AI-Assisted Network-Slicing Based Next-Generation Wireless Networks. *IEEE Open Journal of Vehicular Technology*, **2020**, 1, 45-66	5.3	101
1159	. *Proceedings of the IEEE*, **2020**, 108, 242-245	14.3	29
1158	Reinforcement Learning Based PHY Authentication for VANETs. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 3068-3079	6.8	29
1157	Augmenting Drive-Thru Internet via Reinforcement Learning-Based Rate Adaptation. *IEEE Internet of Things Journal*, **2020**, 7, 3114-3123	10.7	5
1156	Hierarchical Soft Slicing to Meet Multi-Dimensional QoS Demand in Cache-Enabled Vehicular Networks. *IEEE Transactions on Wireless Communications*, **2020**, 19, 2150-2162	9.6	17
1155	Virtualization Enabled Multi-Point Cooperation with Convergence of Communication, Caching, and Computing. *IEEE Network*, **2020**, 34, 94-100	11.4	2
1154	Privacy-preserving Efficient Verifiable Deep Packet Inspection for Cloud-assisted Middlebox. *IEEE Transactions on Cloud Computing*, **2020**, 1-1	3.3	12
1153	Robust Online Composition, Routing and NF Placement for NFV-Enabled Services. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1089-1101	14.2	12
1152	SFC-Based Service Provisioning for Reconfigurable Space-Air-Ground Integrated Networks. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1478-1489	14.2	29
1151	QoS-Aware Capacity Planning of Networked PEV Charging Infrastructure. *IEEE Open Journal of Vehicular Technology*, **2020**, 1, 116-129	5.3	5
1150	Dynamic Spectrum Slicing and Optimization in SAG Integrated Vehicular Networks **2020**,		1

1149	. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 1722-1760	37.1	78
1148	When Information Freshness Meets Service Latency in Federated Learning: A Task-Aware Incentive Scheme for Smart Industries. *IEEE Transactions on Industrial Informatics*, **2020**, 1-1	11.9	15
1147	A Joint Design of Platoon Communication and Control Based on LTE-V2V. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 15893-15907	6.8	13
1146	DDPG-based Resource Management for MEC/UAV-Assisted Vehicular Networks **2020**,		12
1145	Mission-Critical Search and Rescue Networking Based on Multi-agent Cooperative Communication. *SpringerBriefs in Computer Science*, **2020**, 55-76	0.4	0
1144	Efficient and Scalable MAC Design. *Wireless Networks*, **2020**, 53-75	0.6	
1143	Link-Aware Reliable Beaconing Scheme Design. *Wireless Networks*, **2020**, 101-127	0.6	
1142	Secure Deduplication. *Wireless Networks*, **2020**, 55-86	0.6	
1141	Background and Literature Survey. *SpringerBriefs in Computer Science*, **2020**, 7-13	0.4	
1140	Secure Keyword Search. *Wireless Networks*, **2020**, 87-117	0.6	
1139	Cloud Storage Reliability. *Wireless Networks*, **2020**, 29-54	0.6	
1138	Secure Data Time-Stamping. *Wireless Networks*, **2020**, 143-166	0.6	
1137	Secure Data Provenance. *Wireless Networks*, **2020**, 119-141	0.6	
1136	Basic Techniques for Data Security. *Wireless Networks*, **2020**, 11-27	0.6	
1135	Vehicular Networking Techniques for Road-Safety Applications. *Wireless Networks*, **2020**, 11-23	0.6	
1134	Intelligent Transmission Scheduling Based on Deep Reinforcement Learning. *SpringerBriefs in Computer Science*, **2020**, 15-36	0.4	
1133	Mobility-Aware and Collision-Avoidance MAC Design. *Wireless Networks*, **2020**, 25-52	0.6	
1132	Accurate Image-Based Pedestrian Detection With Privacy Preservation. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 14494-14509	6.8	1

1131	Multi-vessel Computation Offloading in Maritime Mobile Edge Computing Network. *SpringerBriefs in Computer Science*, **2020**, 37-53	0.4	0
1130	Safety-Aware and Distributed Beacon Congestion Control. *Wireless Networks*, **2020**, 129-157	0.6	2
1129	Characterizing Urban V2V Link Communications. *Wireless Networks*, **2020**, 77-99	0.6	1
1128	Edge Coordinated Query Configuration for Low-Latency and Accurate Video Analytics. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4855-4864	11.9	20
1127	Balancing Privacy and Accountability for Industrial Mortgage Management. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4260-4269	11.9	3
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