

Victor C M Leung

List of Publications by Year in descending order

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1,231
papers

38,202
citations

3731

89
h-index

8630

146
g-index

1251
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1251
docs citations

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times ranked

25483
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Joint Client Selection and Bandwidth Allocation Algorithm for Federated Learning. IEEE Transactions on Mobile Computing, 2023, 22, 3380-3390.	5.8	15
3	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
4	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
5	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
6	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
7	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
8	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
9	Heterogeneous Network Access and Fusion in Smart Factory: A Survey. ACM Computing Surveys, 2023, 55, 1-31.	23.0	4
10	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
11	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
12	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
13	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
14	Partial Computation Offloading and Adaptive Task Scheduling for 5G-Enabled Vehicular Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1319-1333.	5.8	108
15	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
16	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
17	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
18	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

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19	Application-Aware Migration Algorithm With Prefetching in Heterogeneous Cloud Environments. IEEE Transactions on Cloud Computing, 2022, 10, 2324-2333.	4.4	3
20	Profit Maximizing Smart Manufacturing Over AI-Enabled Configurable Blockchains. IEEE Internet of Things Journal, 2022, 9, 346-358.	8.7	10
21	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
22	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
23	Backscatter Wireless Communications and Sensing in Green Internet of Things. IEEE Transactions on Green Communications and Networking, 2022, 6, 37-55.	5.5	33
24	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
25	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
26	Deep-Reinforcement-Learning-Based Latency Minimization in Edge Intelligence Over Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 1300-1312.	8.7	11
27	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
28	Transaction Throughput Optimization for Integrated Blockchain and MEC System in IoT. IEEE Transactions on Wireless Communications, 2022, 21, 1022-1036.	9.2	15
29	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
30	Blockchain-empowered Data-driven Networks. ACM Computing Surveys, 2022, 54, 1-38.	23.0	20
31	Deep Reinforcement Learning for Energy-Efficient Computation Offloading in Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 1517-1530.	8.7	108
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	Statistical QoS-Guaranteed Traffic Rate Adaptation for Wireless Scalable Video Streaming. IEEE Systems Journal, 2022, 16, 3433-3436.	4.6	2
41	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
42	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
43	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
44	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
45	Knowledge-Based Fault Diagnosis in Industrial Internet of Things: A Survey. IEEE Internet of Things Journal, 2022, 9, 12886-12900.	8.7	43
46	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
47	Reconfigurable Intelligent Surface With Energy Harvesting Assisted Cooperative Ambient Backscatter Communications. IEEE Wireless Communications Letters, 2022, 11, 1283-1287.	5.0	9
48	Reconfigurable Intelligent Surface-Assisted Secure Mobile Edge Computing Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 6647-6660.	6.3	52
49	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
50	Fair Downlink Communications for RIS-UAV Enabled Mobile Vehicles. IEEE Wireless Communications Letters, 2022, 11, 1042-1046.	5.0	12
51	A Family of Hybrid Precoding Schemes for Millimeter-Wave Massive MIMO Systems. IEEE Systems Journal, 2022, 16, 4881-4891.	4.6	4
52	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
53	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
54	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

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55	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
56	Communications and Networking for Connected Vehicles 2020. Wireless Communications and Mobile Computing, 2022, 2022, 1-4.	1.2	1
57	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
58	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
59	An Online Throughput Maximization Algorithm for Green Coordinated Multi-Point Systems. , 2022, , .		1
60	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
61	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
62	EdgeMatrix: A Resources Redefined Edge-Cloud System for Prioritized Services. , 2022, , .		3
63	Integrating Edge Intelligence and Blockchain: What, Why, and How. IEEE Communications Surveys and Tutorials, 2022, 24, 2193-2229.	39.4	13
64	Database Watermarking Algorithm Based on Decision Tree Shift Correction. IEEE Internet of Things Journal, 2022, 9, 24373-24387.	8.7	1
65	Age of Information With Collision-Resolution Random Access. IEEE Transactions on Vehicular Technology, 2022, 71, 11295-11300.	6.3	9
66	Cooperative Computation Offloading in Blockchain-Based Vehicular Edge Computing Networks. IEEE Transactions on Intelligent Vehicles, 2022, 7, 783-798.	12.7	26
67	Accelerating Blockchain-enabled Distributed Machine Learning by Proof of Useful Work. , 2022, , .		0
68	Power Line Communication and Sensing Using Time Series Forecasting. Sensors, 2022, 22, 5320.	3.8	5
69	Integrating Social Networks with Mobile Device-to-Device Services. IEEE Transactions on Services Computing, 2021, 14, 1209-1223.	4.6	6
70	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
71	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
72	Timely Information Update With Nonorthogonal Multiple Access. IEEE Transactions on Industrial Informatics, 2021, 17, 4096-4106.	11.3	16

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73	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
74	Channel Resource Scheduling for Stringent Demand of Emergency Data Transmission in WBANs. IEEE Transactions on Wireless Communications, 2021, 20, 2341-2352.	9.2	18
75	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
76	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
77	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
78	Energy Efficient Collaborative Beamforming for Reducing Sidelobe in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2021, 20, 965-982.	5.8	34
79	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
80	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
81	Customized Slicing for 6G: Enforcing Artificial Intelligence on Resource Management. IEEE Network, 2021, 35, 264-271.	6.9	34
82	Efficient Resource Scheduling for Interference Alleviation in Dynamic Coexisting WBANs. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	6
83	IEEE Access Special Section Editorial: Edge Computing and Networking for Ubiquitous AI. IEEE Access, 2021, 9, 90933-90936.	4.2	3
84	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
85	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
86	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
87	Energy Efficient Resource Allocation in Terahertz Downlink NOMA Systems. IEEE Transactions on Communications, 2021, 69, 1375-1384.	7.8	51
88	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
89	Fog Computing Vehicular Network Resource Management Based on Chemical Reaction Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 1770-1781.	6.3	14
90	Resource Allocation for NOMA Based Space-Terrestrial Satellite Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1065-1075.	9.2	33

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91	Dual Pilot Scheme (DPS) and Its Application in Massive MIMO. IEEE Transactions on Communications, 2021, 69, 1431-1444.	7.8	1
92	Robust Cooperative Communication Optimization for Multi-UAV-Aided Vehicular Networks. IEEE Wireless Communications Letters, 2021, 10, 780-784.	5.0	14
93	Guest Editorial: AI-Enabled Networking Technologies for Tackling Epidemic Diseases. IEEE Network, 2021, 35, 12-13.	6.9	0
94	Automated molecular testing of saliva for SARS-CoV-2 detection. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115324.	1.8	4
95	A Multi-Attribute Handover Algorithm for QoS Enhancement in Ultra Dense Network. IEEE Transactions on Vehicular Technology, 2021, 70, 4557-4568.	6.3	14
96	Coordinated Direct and Relay Transmission for Multiuser Networks: NOMA or Hybrid Multiple Access?. IEEE Wireless Communications Letters, 2021, 10, 976-980.	5.0	11
97	Deep reinforcement learning for blockchain in industrial IoT: A survey. Computer Networks, 2021, 191, 108004.	5.1	58
98	Tailored Learning-Based Scheduling for Kubernetes-Oriented Edge-Cloud System. , 2021, , .		30
99	Energy-Efficient Resource Allocation for NOMA-MEC Networks With Imperfect CSI. IEEE Transactions on Communications, 2021, 69, 3436-3449.	7.8	49
100	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
101	Genetic Algorithms with Variant Particle Swarm Optimization Based Mutation for Generic Controller Placement in Software-Defined Networks. Symmetry, 2021, 13, 1133.	2.2	13
102	Neighboring-Aware Caching in Heterogeneous Edge Networks by Actor-Attention-Critic Learning. , 2021, , .		6
103	Mitigating airborne transmission of SARS-CoV-2. Cmaj, 2021, 193, E1010-E1011.	2.0	6
104	Energy-Time Efficient Task Offloading for Mobile Edge Computing in Hot-Spot Scenarios. , 2021, , .		2
105	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
106	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
107	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
108	Reliability-Aware Joint Optimization for Cooperative Vehicular Communication and Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5437-5446.	8.0	26

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109	Robust Deception Scheme for Secure Interference Exploitation Under PSK Modulations. IEEE Transactions on Communications, 2021, 69, 5425-5440.	7.8	1
110	SARS-CoV-2 RNA Quantification Using Droplet Digital RT-PCR. Journal of Molecular Diagnostics, 2021, 23, 907-919.	2.8	17
111	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
112	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
113	Enabling Massive IoT Toward 6G: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 11891-11915.	8.7	282
114	Caching Transient Content for IoT Sensing: Multi-Agent Soft Actor-Critic. IEEE Transactions on Communications, 2021, 69, 5886-5901.	7.8	29
115	Efficient Blockchain-Enabled Large Scale Parked Vehicular Computing With Green Energy Supply. IEEE Transactions on Vehicular Technology, 2021, 70, 9423-9436.	6.3	22
116	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
117	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
118	Graph relation network for person counting in construction site using UAV. Applied Soft Computing Journal, 2021, 110, 107562.	7.2	4
119	Control-Aware Energy-Efficient Transmissions for Wireless Control Systems With Short Packets. IEEE Internet of Things Journal, 2021, 8, 14920-14933.	8.7	5
120	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
121	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
122	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
123	Blockchain-Enabled Edge Intelligence for IoT: Background, Emerging Trends and Open Issues. Future Internet, 2021, 13, 48.	3.8	27
124	6G Cognitive Information Theory: A Mailbox Perspective. Big Data and Cognitive Computing, 2021, 5, 56.	4.7	23
125	Global Visual and Semantic Observations for Outdoor Robot Localization. IEEE Transactions on Network Science and Engineering, 2021, 8, 2909-2921.	6.4	2
126	Intelligence-Empowered Mobile Edge Computing: Framework, Issues, Implementation, and Outlook. IEEE Network, 2021, 35, 74-82.	6.9	37

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127	Blockchain-Enabled Security and Privacy for Internet-of-Vehicles. Unmanned System Technologies, 2021, , 123-148.	1.0	6
128	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
129	Measurement Aided Training of Machine Learning Techniques for Fault Detection Using PLC Signals. , 2021, , .		2
130	Dirty Paper Coding Based Weighted Throughout Maximization for UAV-Mounted Wireless Systems. , 2021, , .		0
131	An Incentive Mechanism for Big Data Trading in End-Edge-Cloud Hierarchical Federated Learning. , 2021, , .		5
132	A Blockchain-Enabled Federated Learning System with Edge Computing for Vehicular Networks. , 2021, , .		1
133	Editorial Recent Techniques of Green Information and Communications Technologies. IEEE Transactions on Green Communications and Networking, 2021, 5, 1649-1652.	5.5	2
134	Dependency-Aware Hybrid Task Offloading in Mobile Edge Computing Networks. , 2021, , .		7
135	Towards Pricing for Sensor-Cloud. IEEE Transactions on Cloud Computing, 2020, 8, 1018-1029.	4.4	33
136	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
137	Reliability-Optimal Cooperative Communication and Computing in Connected Vehicle Systems. IEEE Transactions on Mobile Computing, 2020, 19, 1216-1232.	5.8	59
138	Developing applications in large scale, dynamic fog computing: A case study. Software - Practice and Experience, 2020, 50, 519-532.	3.6	8
139	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
140	Joint Relay Selection and Power Allocation for Underwater Cooperative Optical Wireless Networks. IEEE Transactions on Wireless Communications, 2020, 19, 251-264.	9.2	26
141	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
142	Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 835-845.	9.2	89
143	Hybrid RF/FSO Backhaul Networks With Statistical-QoS-Aware Buffer-Aided Relaying. IEEE Transactions on Wireless Communications, 2020, 19, 1464-1483.	9.2	26
144	Energy consumption optimization for self-powered IoT networks with non-orthogonal multiple access. International Journal of Communication Systems, 2020, 33, e4174.	2.5	15

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145	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
146	Privacy-Preserving Global Structural Balance Computation in Signed Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 164-177.	4.4	7
147	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
148	Distributed self-optimizing interference management in ultra-dense networks with non-orthogonal multiple access. Wireless Networks, 2020, 26, 2809-2823.	3.0	2
149	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
150	An Edge Computing-Enabled Decentralized Authentication Scheme for Vehicular Networks. , 2020, , .		3
151	Editorial Expression of Concern: Comparative effectiveness of $\hat{\beta}$ -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
152	Energy Efficient User Clustering and Hybrid Precoding for Terahertz MIMO-NOMA Systems. , 2020, , .		17
153	A Voting Blockchain based Message Dissemination in Vehicular Ad-Hoc Networks (VANETs). , 2020, , .		17
154	Task Offloading for Automatic Speech Recognition in Edge-Cloud Computing Based Mobile Networks. , 2020, , .		4
155	Ensemble Learning Based Sleeping Cell Detection in Cloud Radio Access Networks. , 2020, , .		1
156	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
157	Private-Blockchain-Based Industrial IoT for Material and Product Tracking in Smart Manufacturing. IEEE Network, 2020, 34, 91-97.	6.9	41
158	Edge AI. , 2020, , .		22
159	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
160	Virtual tube storage scheme for supporting mobile sink groups in wireless sensor networks. Computer Communications, 2020, 159, 245-257.	5.1	4
161	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
162	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

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163	Improving the Energy Efficiency of DFT-s-OFDM in Uplink Massive MIMO with Barker Codes. , 2020, , .		4
164	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
165	Delay Sensitive Large-scale Parked Vehicular Computing via Software Defined Blockchain. , 2020, , .		2
166	Energy-Efficient Joint User Association and Power Allocation in a Heterogeneous Network. IEEE Transactions on Wireless Communications, 2020, 19, 7008-7020.	9.2	31
167	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
168	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
169	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
170	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
171	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
172	Power Control Based on Deep Reinforcement Learning for Spectrum Sharing. IEEE Transactions on Wireless Communications, 2020, 19, 4209-4219.	9.2	97
173	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
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1229	End-edge-cloud collaborative computation offloading for multiple mobile users in heterogeneous edge-server environment. <i>Wireless Networks</i> , 0, , 1.	3.0	42
1230	Blockchain-Based Decentralized Trust Management in Vehicular Networks. , 0, .		1
1231	Energy-Efficient Adaptive Rate Control for Streaming Media Transmission Over Cognitive Radio. , 0, .		1