Fei Richard Yu

List of Publications by Year
in descending order

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713 papers	28,879 citations	5896 81 h-index	10445 139 g-index
716 all docs	716 docs citations	716 times ranked	16600 citing authors

#	Article	IF	Citations
1	Vision-and-Language Navigation Based on Cross-Modal Feature Fusion in Indoor Environment. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 3-15.	3.8	3
2	A deep learning based misbehavior classification scheme for intrusion detection in cooperative intelligent transportation systems. Digital Communications and Networks, 2023, 9, 1113-1122.	5.0	7
3	Software-Defined Vehicular Networks With Trust Management: A Deep Reinforcement Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1400-1414.	8.0	27
4	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
5	Profit Maximizing Smart Manufacturing Over AI-Enabled Configurable Blockchains. IEEE Internet of Things Journal, 2022, 9, 346-358.	8.7	10
6	Hybrid Autonomous Driving Guidance Strategy Combining Deep Reinforcement Learning and Expert System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11273-11286.	8.0	12
7	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
8	Resource Allocation and Trajectory Design in UAV-Aided Cellular Networks Based on Multiagent Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 2933-2943.	8.7	32
9	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
10	Radio Frequency Fingerprint Collaborative Intelligent Identification Using Incremental Learning. IEEE Transactions on Network Science and Engineering, 2022, 9, 3222-3233.	6.4	34
11	Deep-Reinforcement-Learning-Based Latency Minimization in Edge Intelligence Over Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 1300-1312.	8.7	11
12	A Survey of Driving Safety With Sensing, Vehicular Communications, and Artificial Intelligence-Based Collision Avoidance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6142-6163.	8.0	35
13	Toward Tailored Resource Allocation of Slices in 6G Networks With Softwarization and Virtualization. IEEE Internet of Things Journal, 2022, 9, 6623-6637.	8.7	38
14	A Survey on Cyber-Security of Connected and Autonomous Vehicles (CAVs). IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6240-6259.	8.0	93
15	Reliable and Low-Overhead Clustering in LEO Small Satellite Networks. IEEE Internet of Things Journal, 2022, 9, 14844-14856.	8.7	6
16	Joint Resource Allocation for Ultra-Reliable and Low-Latency Radio Access Networks With Edge Computing. IEEE Transactions on Wireless Communications, 2022, 21, 444-460.	9.2	7
17	Blockchain-Based Multi-Access Edge Computing for Future Vehicular Networks: A Deep Compressed Neural Network Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12161-12175.	8.0	19
18	Buffer-Aware Virtual Reality Video Streaming With Personalized and Private Viewport Prediction. IEEE Journal on Selected Areas in Communications, 2022, 40, 694-709.	14.0	17

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19	Towards Energy-Efficient and Secure Data Transmission in AI-Enabled Software Defined Industrial Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 4265-4274.	11.3	21
20	UAV SECaaS: Game-Theoretic Formulation for Security as a Service in UAV Swarms. IEEE Systems Journal, 2022, 16, 6209-6218.	4.6	4
21	A novel resource management scheme for virtualized cyberâ€“physicalâ€“social system. Physical Communication, 2022, 50, 101513.	2.1	3
22	Bift: A Blockchain-Based Federated Learning System for Connected and Autonomous Vehicles. IEEE Internet of Things Journal, 2022, 9, 12311-12322.	8.7	27
23	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
24	Resource Management for Edge Intelligence (EI)-Assisted IoV Using Quantum-Inspired Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 12588-12600.	8.7	11
25	Intelligent Joint Network Slicing and Routing via GCN-Powered Multi-Task Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1269-1286.	7.9	17
26	Multi-Agent Driven Resource Allocation and Interference Management for Deep Edge Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 2018-2030.	6.3	12
27	Transmit Antenna Number Identification for MIMO Cognitive Radio Systems in the Presence of Alpha-Stable Noise. IEEE Transactions on Vehicular Technology, 2022, 71, 2798-2808.	6.3	0
28	Intelligent Reflecting Surface Enhanced Wireless Communications With Deep-Learning-Based Channel Prediction. IEEE Transactions on Vehicular Technology, 2022, 71, 1049-1053.	6.3	15
29	A Collaborative Caching-Transmission Method for Heterogeneous Video Services in Cache-Enabled Terahertz Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3187-3200.	6.3	7
30	DroneSegNet: Robust Aerial Semantic Segmentation for UAV-Based IoT Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 4277-4286.	6.3	15
31	Green Intelligence Networking for Connected and Autonomous Vehicles in Smart Cities. IEEE Transactions on Green Communications and Networking, 2022, 6, 1591-1603.	5.5	10
32	A Comprehensive Survey on Blockchain in Industrial Internet of Things: Motivations, Research Progresses, and Future Challenges. IEEE Communications Surveys and Tutorials, 2022, 24, 88-122.	39.4	93
33	Utility Optimization for Resource Allocation in Multi-Access Edge Network Slicing: A Twin-Actor Deep Deterministic Policy Gradient Approach. IEEE Transactions on Wireless Communications, 2022, 21, 5842-5856.	9.2	20
34	Knowledge-Based Fault Diagnosis in Industrial Internet of Things: A Survey. IEEE Internet of Things Journal, 2022, 9, 12886-12900.	8.7	43
35	Hierarchical Coded Matrix Multiplication in Heterogeneous Multihop Networks. IEEE Transactions on Communications, 2022, 70, 3597-3612.	7.8	2
36	Sharded Blockchain for Collaborative Computing in the Internet of Things: Combined of Dynamic Clustering and Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2022, 9, 16494-16509.	8.7	23

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37	Energy-Saving Deployment Optimization and Resource Management for UAV-Assisted Wireless Sensor Networks With NOMA. IEEE Transactions on Vehicular Technology, 2022, 71, 6609-6623.	6.3	31
38	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
39	Heterogeneous Markov Decision Process Model for Joint Resource Allocation and Task Scheduling in Network Slicing Enabled Internet of Vehicles. IEEE Wireless Communications Letters, 2022, 11, 1118-1122.	5.0	8
40	Generalized Transceiver Beamforming for DFRC With MIMO Radar and MU-MIMO Communication. IEEE Journal on Selected Areas in Communications, 2022, 40, 1795-1808.	14.0	45
41	Communications and Networking for Connected Vehicles 2020. Wireless Communications and Mobile Computing, 2022, 2022, 1-4.	1.2	1
42	Intelligence Networking for Autonomous Driving in Beyond 5G Networks With Multi-Access Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 5853-5866.	6.3	8
43	Interference Management of Analog Function Computation in Multicluster Networks. IEEE Transactions on Communications, 2022, 70, 4607-4623.	7.8	3
44	An Online Throughput Maximization Algorithm for Green Coordinated Multi-Point Systems. , 2022, , .		1
45	Cloudâ€“Edge Collaborative Resource Allocation for Blockchain-Enabled Internet of Things: A Collective Reinforcement Learning Approach. IEEE Internet of Things Journal, 2022, 9, 23115-23129.	8.7	10
46	Low-Light Image Enhancement for UAVs With Multi-Feature Fusion Deep Neural Networks. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
47	Task-Oriented Image Transmission for Scene Classification in Unmanned Aerial Systems. IEEE Transactions on Communications, 2022, 70, 5181-5192.	7.8	28
48	MbRE IDS: An AI and Edge Computing Empowered Framework for Securing Intelligent Transportation Systems. , 2022, , .		2
49	A Blockchain-Enabled Trusted Identifier Co-Governance Architecture for the Industrial Internet of Things. IEEE Communications Magazine, 2022, 60, 66-72.	6.1	9
50	Joint Routing and Scheduling Optimization in Time-Sensitive Networks Using Graph-Convolutional-Network-Based Deep Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 23981-23994.	8.7	11
51	Quantum Collective Learning and Many-to-Many Matching Game in the Metaverse for Connected and Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 12128-12139.	6.3	16
52	Adaptive Optics for Orbital Angular Momentum-Based Internet of Underwater Things Applications. IEEE Internet of Things Journal, 2022, 9, 24281-24299.	8.7	42
53	Insurance Plan for Service Assurance in Cloud Computing Market with Incomplete Information. Journal of Communications and Information Networks, 2022, 7, 11-22.	5.2	1
54	When Multi-access Edge Computing Meets Multi-area Intelligent Reflecting Surface: A Multi-agent Reinforcement Learning Approach. , 2022, , .		0

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55	Multi-Constraint Deep Reinforcement Learning for Smooth Action Control. , 2022, , .		0
56	Cross-Layer Defense Methods for Jamming-Resistant CBTC Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7266-7278.	8.0	50
57	Soft Actorâ€“Critic DRL for Live Transcoding and Streaming in Vehicular Fog-Computing-Enabled IoV. IEEE Internet of Things Journal, 2021, 8, 1308-1321.	8.7	46
58	Networking Integrated Cloudâ€“Edgeâ€–End in IoT: A Blockchain-Assisted Collective Q-Learning Approach. IEEE Internet of Things Journal, 2021, 8, 12694-12704.	8.7	67
59	An Application-Driven Nonorthogonal-Multiple-Access-Enabled Computation Offloading Scheme. IEEE Internet of Things Journal, 2021, 8, 1453-1466.	8.7	8
60	Dynamic Computation Offloading in IoT Fog Systems With Imperfect Channel-State Information: A POMDP Approach. IEEE Internet of Things Journal, 2021, 8, 345-356.	8.7	29
61	Content Caching Oriented Popularity Prediction: A Weighted Clustering Approach. IEEE Transactions on Wireless Communications, 2021, 20, 623-636.	9.2	22
62	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
63	Vehicle Position Correction: A Vehicular Blockchain Networks-Based GPS Error Sharing Framework. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 898-912.	8.0	67
64	Potential Identity Resolution Systems for the Industrial Internet of Things: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 391-430.	39.4	27
65	Energy-Efficient D2D-Assisted Computation Offloading in NOMA-Enabled Cognitive Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 13441-13446.	6.3	15
66	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
67	Optimizing Information Freshness in MEC-Assisted Status Update Systems With Heterogeneous Energy Harvesting Devices. IEEE Internet of Things Journal, 2021, 8, 17057-17070.	8.7	7
68	Task Offloading for Wireless VR-Enabled Medical Treatment With Blockchain Security Using Collective Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 15749-15761.	8.7	56
69	DeepADV: A Deep Neural Network Framework for Anomaly Detection in VANETs. IEEE Transactions on Vehicular Technology, 2021, 70, 12013-12023.	6.3	31
70	Fast, Reliable, and Secure Drone Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 2802-2832.	39.4	84
71	Joint Sparse Observation and Coding Design for Multiple Phenomena Monitoring. IEEE Transactions on Communications, 2021, 69, 6987-7002.	7.8	1
72	Two New Kinds of Interference Alignment Schemes for Cellular K-User MIMO Downlink Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 11827-11842.	6.3	8

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73	From Information Networking to Intelligence Networking: Motivations, Scenarios, and Challenges. IEEE Network, 2021, 35, 209-216.	6.9	25
74	Device-Free Wireless Sensing for Human Detection: The Deep Learning Perspective. IEEE Internet of Things Journal, 2021, 8, 2517-2539.	8.7	78
75	Exploiting UAVâ€emitted jamming to improve physicalâ€layer security: A 3D trajectory control perspective. IET Communications, 2021, 15, 780-789.	2.2	2
76	System Identification Based on Generalized Orthonormal Basis Function for Unmanned Helicopters: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 1135-1145.	6.3	4
77	Computation Over Multi-Access Channels: Multi-Hop Implementation and Resource Allocation. IEEE Transactions on Communications, 2021, 69, 1038-1052.	7.8	8
78	Blockchain and smart contract for access control in healthcare: A survey, issues and challenges, and open issues. Journal of Network and Computer Applications, 2021, 178, 102950.	9.1	69
79	Energy-Delay Tradeoff in Device-Assisted NOMA MEC Systems: A Matching-Based Algorithm. , 2021, , .		6
80	Hybrid fog/cloud computing resource allocation: Joint consideration of limited communication resources and user credibility. Computer Communications, 2021, 169, 48-58.	5.1	17
81	Blockchain based Joint Task Scheduling and Supply-Demand Configuration for Smart Manufacturing. , 2021, , .		6
82	Applications of the Internet of Things (IoT) in Smart Logistics: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 4250-4274.	8.7	102
83	Distributed Variational Bayes-Based In-Network Security for the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 6293-6304.	8.7	10
84	B-ReST: Blockchain-Enabled Resource Sharing and Transactions in Fog Computing. IEEE Wireless Communications, 2021, 28, 172-180.	9.0	25
85	Resource-Ability Assisted Service Function Chain Embedding and Scheduling for 6G Networks With Virtualization. IEEE Transactions on Vehicular Technology, 2021, 70, 3846-3859.	6.3	49
86	A Cross-Layer Defense Scheme for Edge Intelligence-Enabled CBTC Systems Against MitM Attacks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2286-2298.	8.0	49
87	Wireless Virtual Reality in Beyond 5G Systems with the Internet of Intelligence. IEEE Wireless Communications, 2021, 28, 70-77.	9.0	22
88	When Mobile-Edge Computing (MEC) Meets Nonorthogonal Multiple Access (NOMA) for the Internet of Things (IoT): System Design and Optimization. IEEE Internet of Things Journal, 2021, 8, 7849-7862.	8.7	25
89	Reliable Data Transmission over Energy-Efficient Vehicular Network Based on Blockchain and MEC. , 2021, , .		2
90	Securing UAV-to-Vehicle Communications: A Curiosity-Driven Deep Q-learning Network (C-DQN) Approach. , 2021, , .		9

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91	Securing the Internet of Vehicles: A Deep Learning-Based Classification Framework. IEEE Networking Letters, 2021, 3, 94-97.	1.9	24
92	Artificial Intelligence (AI)-Empowered Intrusion Detection Architecture for the Internet of Vehicles. IEEE Wireless Communications, 2021, 28, 144-149.	9.0	48
93	A novel identity resolution system design based on Dual-Chord algorithm for industrial Internet of Things. Science China Information Sciences, 2021, 64, 1.	4.3	4
94	Resource Management for Secure Computation Offloading in Softwarized Cyberâ€“Physical Systems. IEEE Internet of Things Journal, 2021, 8, 9294-9304.	8.7	28
95	Energy Efficiency Optimization in SWIPT Enabled WSNs for Smart Agriculture. IEEE Transactions on Industrial Informatics, 2021, 17, 4335-4344.	11.3	46
96	Toward Optimal Rate-Delay Tradeoff for Computation Over Multiple Access Channel. IEEE Transactions on Communications, 2021, 69, 4335-4346.	7.8	6
97	Cache-Enabled Multicast Content Pushing With Structured Deep Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 2135-2149.	14.0	8
98	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
99	Multi-Antenna Covert Communication via Full-Duplex Jamming Against a Warden With Uncertain Locations. IEEE Transactions on Wireless Communications, 2021, 20, 5467-5480.	9.2	26
100	Secrecy Analysis of UAV-Based mmWave Relaying Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4990-5002.	9.2	18
101	AgriSegNet: Deep Aerial Semantic Segmentation Framework for IoT-Assisted Precision Agriculture. IEEE Sensors Journal, 2021, 21, 17581-17590.	4.7	63
102	Enabling Massive IoT Toward 6G: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 11891-11915.	8.7	282
103	Efficient Blockchain-Enabled Large Scale Parked Vehicular Computing With Green Energy Supply. IEEE Transactions on Vehicular Technology, 2021, 70, 9423-9436.	6.3	22
104	Computation Offloading for Edge-Assisted Federated Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 9330-9344.	6.3	36
105	Robust Secure Energy-Efficiency Optimization in SWIPT-Aided Heterogeneous Networks With a Nonlinear Energy-Harvesting Model. IEEE Internet of Things Journal, 2021, 8, 14908-14919.	8.7	22
106	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
107	On the Application of Cooperative NOMA to Spatially Random Wireless Caching Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 12055-12071.	6.3	6
108	Energy-Efficient Secure Video Streaming in UAV-Enabled Wireless Networks: A Safe-DQN Approach. IEEE Transactions on Green Communications and Networking, 2021, 5, 1892-1905.	5.5	21

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109	Height Optimization and Resource Allocation for NOMA Enhanced UAV-Aided Relay Networks. IEEE Transactions on Communications, 2021, 69, 962-975.	7.8	48
110	Semi-Distributed Resource Management in UAV-Aided MEC Systems: A Multi-Agent Federated Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 13162-13173.	6.3	60
111	Flexi-Compression: A Flexible Model Compression Method for Autonomous Driving. , 2021, , .		2
112	Data Trading for Blockchain-Based Data Market in Cyber-Physical-Social Smart Systems. , 2021, , .		3
113	Graded Warning for Rear-End Collision: An Artificial Intelligence-Aided Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 565-579.	8.0	17
114	Trust-Based Social Networks with Computing, Caching and Communications: A Deep Reinforcement Learning Approach. IEEE Transactions on Network Science and Engineering, 2020, 7, 66-79.	6.4	66
115	Secure Transmission via Beamforming Optimization for NOMA Networks. IEEE Wireless Communications, 2020, 27, 193-199.	9.0	47
116	Optimizing virtual machine placement in IaaS data centers: taxonomy, review and open issues. Cluster Computing, 2020, 23, 837-878.	5.0	28
117	Dynamic Service Function Chain Embedding for NFV-Enabled IoT: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2020, 19, 507-519.	9.2	78
118	Computing and Relaying: Utilizing Mobile Edge Computing for P2P Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 1582-1594.	6.3	18
119	IEEE Access Special Section Editorial: Energy Management in Buildings. IEEE Access, 2020, 8, 1453-1457.	4.2	1
120	Resource Allocation and Basestation Placement in Downlink Cellular Networks Assisted by Multiple Wireless Powered UAVs. IEEE Transactions on Vehicular Technology, 2020, 69, 2171-2184.	6.3	57
121	Adaptive Video Streaming With Edge Caching and Video Transcoding Over Software-Defined Mobile Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2020, 19, 1577-1592.	9.2	65
122	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
123	Context-Aware Object Detection for Vehicular Networks Based on Edge-Cloud Cooperation. IEEE Internet of Things Journal, 2020, 7, 5783-5791.	8.7	25
124	Distributed self-optimizing interference management in ultra-dense networks with non-orthogonal multiple access. Wireless Networks, 2020, 26, 2809-2823.	3.0	2
125	UAV-Assisted Cooperative Communications With Time-Sharing Information and Power Transfer. IEEE Transactions on Vehicular Technology, 2020, 69, 1554-1567.	6.3	43
126	Cyber-Physical-Social Systems: A State-of-the-Art Survey, Challenges and Opportunities. IEEE Communications Surveys and Tutorials, 2020, 22, 389-425.	39.4	106

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127	Cooperative Computation Offloading and Resource Allocation for Blockchain-Enabled Mobile-Edge Computing: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2020, 7, 6214-6228.	8.7	224
128	Blind Parameter Estimation of M-FSK Signals in the Presence of Alpha-Stable Noise. IEEE Transactions on Communications, 2020, 68, 7647-7659.	7.8	4
129	Resource Optimization for Delay-Tolerant Data in Blockchain-Enabled IoT With Edge Computing: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2020, 7, 9399-9412.	8.7	74
130	IEEE TCCN Special Section Editorial: Intelligent Resource Management for 5G and Beyond. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 422-427.	7.9	0
131	Securing Aerial-Ground Transmission for NOMA-UAV Networks. IEEE Network, 2020, 34, 171-177.	6.9	27
132	User Satisfaction Oriented Resource Allocation for Fog Computing: A Mixed-Task Paradigm. IEEE Transactions on Communications, 2020, 68, 6470-6482.	7.8	15
133	Scalable Parallel Task Scheduling for Autonomous Driving Using Multi-Task Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 13861-13874.	6.3	39
134	Power Allocation for Secure Transmission in Circular Trajectory NOMA-UAV Networks. , 2020, , .		1
135	Guest Editorial: Blockchain and Healthcare Computing. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2144-2145.	6.3	6
136	GGS: General Gradient Sparsification for Federated Learning in Edge Computing. , 2020, , .		27
137	Edge Computing-Based Collaborative Vehicles 3DÂMapping in Real Time. IEEE Transactions on Vehicular Technology, 2020, 69, 12470-12481.	6.3	6
138	A Survey on Secure Computation Based on Homomorphic Encryption in Vehicular Ad Hoc Networks. Sensors, 2020, 20, 4253.	3.8	10
139	AI-Chain: Blockchain Energized Edge Intelligence for Beyond 5G Networks. IEEE Network, 2020, 34, 62-69.	6.9	40
140	A Decision-Making Strategy for Vehicle Autonomous Braking in Emergency via Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 5876-5888.	6.3	75
141	Toward Communication-Efficient Federated Learning in the Internet of Things With Edge Computing. IEEE Internet of Things Journal, 2020, 7, 11053-11067.	8.7	57
142	Virtual Relay Selection in LTE-V: A Deep Reinforcement Learning Approach to Heterogeneous Data. IEEE Access, 2020, 8, 102477-102492.	4.2	10
143	An Autonomous Lane-Changing System With Knowledge Accumulation and Transfer Assisted by Vehicular Blockchain. IEEE Internet of Things Journal, 2020, 7, 11123-11136.	8.7	24
144	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

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145	Delay Sensitive Large-scale Parked Vehicular Computing via Software Defined Blockchain. , 2020, , .		2
146	Blockchain-Enabled Software-Defined Industrial Internet of Things With Deep Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 5466-5480.	8.7	54
147	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
148	Robust Federated Learning With Noisy Communication. IEEE Transactions on Communications, 2020, 68, 3452-3464.	7.8	73
149	A State-of-the-Art Review on Image Synthesis With Generative Adversarial Networks. IEEE Access, 2020, 8, 63514-63537.	4.2	89
150	Cooperative Caching and Transmission in CoMP-Integrated Cellular Networks Using Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 5508-5520.	6.3	46
151	A Parking Slot Allocation Framework Based on Virtual Voting and Adaptive Pricing Algorithm. IEEE Transactions on Vehicular Technology, 2020, 69, 5945-5957.	6.3	47
152	Intelligence-Sharing Vehicular Networks with Mobile Edge Computing and Spatiotemporal Knowledge Transfer. IEEE Network, 2020, 34, 256-262.	6.9	19
153	Satellite-Terrestrial Integrated Edge Computing Networks: Architecture, Challenges, and Open Issues. IEEE Network, 2020, 34, 224-231.	6.9	125
154	Relaying Systems With Reciprocity Mismatch: Impact Analysis and Calibration. IEEE Transactions on Communications, 2020, 68, 4035-4049.	7.8	6
155	Joint Optimization of Radio and Computational Resources Allocation in Blockchain-Enabled Mobile Edge Computing Systems. IEEE Transactions on Wireless Communications, 2020, 19, 4321-4334.	9.2	73
156	Guest Editorial: Special Section on Social and Cognitive Mobile Computing in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 5377-5378.	11.3	1
157	Vehicular Blockchain-Based Collective Learning for Connected and Autonomous Vehicles. IEEE Wireless Communications, 2020, 27, 197-203.	9.0	72
158	Deep Reinforcement Learning (DRL)-Based Device-to-Device (D2D) Caching With Blockchain and Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2020, 19, 6469-6485.	9.2	59
159	Computation Over MAC: Achievable Function Rate Maximization in Wireless Networks. IEEE Transactions on Communications, 2020, 68, 5446-5459.	7.8	11
160	MEC-Assisted Immersive VR Video Streaming Over Terahertz Wireless Networks: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2020, 7, 9517-9529.	8.7	165
161	Blockchain-Incentivized D2D and Mobile Edge Caching: A Deep Reinforcement Learning Approach. IEEE Network, 2020, 34, 150-157.	6.9	24
162	Secure Transmission via Power Allocation in NOMA-UAV Networks With Circular Trajectory. IEEE Transactions on Vehicular Technology, 2020, 69, 10033-10045.	6.3	23

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163	Blockchain and Machine Learning for Communications and Networking Systems. IEEE Communications Surveys and Tutorials, 2020, 22, 1392-1431.	39.4	167
164	Blockchain-Enabled Internet of Vehicles With Cooperative Positioning: A Deep Neural Network Approach. IEEE Internet of Things Journal, 2020, 7, 3485-3498.	8.7	59
165	An actor-critic reinforcement learning-based resource management in mobile edge computing systems. International Journal of Machine Learning and Cybernetics, 2020, 11, 1875-1889.	3.6	17
166	Decentralized Computation Offloading in IoT Fog Computing System With Energy Harvesting: A Dec-POMDP Approach. IEEE Internet of Things Journal, 2020, 7, 4898-4911.	8.7	46
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168	Blockchain-Enabled Cross-Domain Object Detection for Autonomous Driving: A Model Sharing Approach. IEEE Internet of Things Journal, 2020, 7, 3681-3692.	8.7	60
169	Adaptive Bitrate Streaming in Wireless Networks With Transcoding at Network Edge Using Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 3879-3892.	6.3	41
170	Performance Optimization for Blockchain-Enabled Distributed Network Function Virtualization Management and Orchestration. IEEE Transactions on Vehicular Technology, 2020, 69, 6670-6679.	6.3	26
171	A Mobile Edge Computing (MEC)-Enabled Transcoding Framework for Blockchain-Based Video Streaming. IEEE Wireless Communications, 2020, 27, 81-87.	9.0	21
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