

Thirty Years of Machine Learning: The Road to Pareto-C

IEEE Communications Surveys and Tutorials
22, 1472-1514

DOI: [10.1109/comst.2020.2965856](https://doi.org/10.1109/comst.2020.2965856)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Predicting the Path Loss of Wireless Channel Models Using Machine Learning Techniques in MmWave Urban Communications. , 2019, , .		18
2	A Hierarchical Information Acquisition System for AUV Assisted Internet of Underwater Things. IEEE Access, 2020, 8, 176089-176100.	2.6	26
3	Double Auction Game-based Computing Resource Allocation in LEO Satellite System. , 2020, , .		3
4	Unsupervised Learning Clustering and Dynamic Transmission Scheduling for Efficient Dense LoRaWAN Networks. IEEE Access, 2020, 8, 191495-191509.	2.6	11
5	BERT-Based Chinese Relation Extraction for Public Security. IEEE Access, 2020, 8, 132367-132375.	2.6	23
6	Distributed V2V Computation Offloading Based on Dynamic Pricing Using Deep Reinforcement Learning. , 2020, , .		18
7	The Role of Artificial Intelligence Driven 5G Networks in COVID-19 Outbreak: Opportunities, Challenges, and Future Outlook. Frontiers in Communications and Networks, 2020, 1, .	1.9	28
8	Artificial neural network design for improved spectrum sensing in cognitive radio. Wireless Networks, 2020, 26, 6155-6174.	2.0	12
9	A Survey of Rate-Optimal Power Domain NOMA With Enabling Technologies of Future Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 2192-2235.	24.8	234
10	Stabilized Clustering Enabled V2V Communication in an NDN-SDVN Environment for Content Retrieval. IEEE Access, 2020, 8, 135138-135151.	2.6	7
11	Latency and Reliability Oriented Collaborative Optimization for Multi-UAV Aided Mobile Edge Computing System. , 2020, , .		18
12	Reliable Tuberculosis Detection Using Chest X-Ray With Deep Learning, Segmentation and Visualization. IEEE Access, 2020, 8, 191586-191601.	2.6	243
13	Scalable Panoramic Wireless Video Streaming Relying on Optimal-Rate FEC-Coded Adaptive QAM. IEEE Transactions on Vehicular Technology, 2020, 69, 11206-11219.	3.9	5
14	Machine Learning Threatens 5G Security. IEEE Access, 2020, 8, 190822-190842.	2.6	37
15	Deep-Learning-Aided Joint Channel Estimation and Data Detection for Spatial Modulation. IEEE Access, 2020, 8, 191910-191919.	2.6	20
16	Predicting User Retweeting Behavior in Social Networks With a Novel Ensemble Learning Approach. IEEE Access, 2020, 8, 148250-148263.	2.6	9
17	Joint Resource Allocation and UAV Trajectory Optimization for Spaceâ€“Airâ€“Ground Internet of Remote Things Networks. IEEE Systems Journal, 2021, 15, 4745-4755.	2.9	46
18	Particle Propagation Model for Dynamic Node Classification. IEEE Access, 2020, 8, 140205-140215.	2.6	3

#	ARTICLE	IF	CITATIONS
19	A Novel Dynamic Spectrum-Sharing Method for GEO and LEO Satellite Networks. IEEE Access, 2020, 8, 147895-147906.	2.6	14
20	CDS-Based Topology Control in FANETs via Power and Position Optimization. IEEE Wireless Communications Letters, 2020, 9, 2015-2019.	3.2	19
21	Deep Learning-Based Cell-Level and Beam-Level Mobility Management System. Sensors, 2020, 20, 7124.	2.1	5
22	Machine Learning Meets Communication Networks: Current Trends and Future Challenges. IEEE Access, 2020, 8, 223418-223460.	2.6	58
23	Towards Large-Scale and Privacy-Preserving Contact Tracing in COVID-19 Pandemic: A Blockchain Perspective. IEEE Transactions on Network Science and Engineering, 2022, 9, 282-298.	4.1	25
24	Heterogeneous User-Centric Cluster Migration Improves the Connectivity-Handover Trade-Off in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 16027-16043.	3.9	21
25	AI-Enabled Next-Generation Communication Networks: Intelligent Agent and AI Router. IEEE Wireless Communications, 2020, 27, 129-133.	6.6	18
26	A Learning-Based Approach to Intra-Domain QoS Routing. IEEE Transactions on Vehicular Technology, 2020, 69, 6718-6730.	3.9	22
27	Security-Aware Virtual Network Embedding Algorithm Based on Reinforcement Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 1095-1105.	4.1	49
28	Countermeasures for Primary User Emulation Attack: A Comprehensive Review. Wireless Personal Communications, 2020, 115, 827-858.	1.8	4
29	Unsupervised and incremental learning orchestration for cyber-physical security. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4011.	2.6	5
30	Long Short-Term Memory Based Spectrum Sensing Scheme for Cognitive Radio Using Primary Activity Statistics. IEEE Access, 2020, 8, 97437-97451.	2.6	66
31	Decreasing Big Data Application Latency in Satellite Link by Caching and Peer Selection. IEEE Transactions on Network Science and Engineering, 2020, 7, 2555-2565.	4.1	22
32	Communications in the 6G Era. IEEE Access, 2020, 8, 57063-57074.	2.6	427
33	Reliable Computation Offloading for Edge-Computing-Enabled Software-Defined IoV. IEEE Internet of Things Journal, 2020, 7, 7097-7111.	5.5	194
34	A Machine Learning Framework for Sleeping Cell Detection in a Smart-City IoT Telecommunications Infrastructure. IEEE Access, 2020, 8, 61213-61225.	2.6	10
35	Beyond D2D: Full Dimension UAV-to-Everything Communications in 6G. IEEE Transactions on Vehicular Technology, 2020, 69, 6592-6602.	3.9	93
36	Machine Learning Empowered Spectrum Sharing in Intelligent Unmanned Swarm Communication Systems: Challenges, Requirements and Solutions. IEEE Access, 2020, 8, 89839-89849.	2.6	14

#	ARTICLE	IF	CITATIONS
37	Three Decades of 3GPP Target Cell Search through 3G, 4G, and 5G. IEEE Access, 2020, 8, 116914-116960.	2.6	18
38	A Cognitive Method for Automatically Retrieving Complex Information on a Large Scale. Sensors, 2020, 20, 3057.	2.1	1
39	QLACO: Q-learning Aided Ant Colony Routing Protocol for Underwater Acoustic Sensor Networks. , 2020, , .		14
40	Influential node identification in a constrained greedy way. Physica A: Statistical Mechanics and Its Applications, 2020, 557, 124887.	1.2	8
41	Network Resource Allocation Strategy Based on Deep Reinforcement Learning. IEEE Open Journal of the Computer Society, 2020, 1, 86-94.	5.2	13
42	Multi-UAV-Enabled Load-Balance Mobile-Edge Computing for IoT Networks. IEEE Internet of Things Journal, 2020, 7, 6898-6908.	5.5	206
43	A Continuous-Decision Virtual Network Embedding Scheme Relying on Reinforcement Learning. IEEE Transactions on Network and Service Management, 2020, 17, 864-875.	3.2	49
44	Universal Adaptive Neural Network Predictive Algorithm for Remotely Piloted Unmanned Combat Aerial Vehicle in Wireless Sensor Network. Sensors, 2020, 20, 2213.	2.1	1
45	A robust network measurement and feature selection strategy for software-defined edge computing environment. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4003.	2.6	3
46	A Multi-Featured Actor-Critic Relay Selection Scheme for Large-Scale Energy Harvesting WSNs. IEEE Wireless Communications Letters, 2021, 10, 180-184.	3.2	6
47	Stochastic Congestion Game for Load Balancing in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 778-790.	5.5	42
48	Heterogeneous Task Offloading and Resource Allocations via Deep Recurrent Reinforcement Learning in Partial Observable Multifog Networks. IEEE Internet of Things Journal, 2021, 8, 1041-1056.	5.5	67
49	Reinforcement Learning Meets Wireless Networks: A Layering Perspective. IEEE Internet of Things Journal, 2021, 8, 85-111.	5.5	19
50	Multi-Agent Deep Reinforcement Learning-Based Trajectory Planning for Multi-UAV Assisted Mobile Edge Computing. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 73-84.	4.9	196
51	Proposing artificial intelligence based livelihood vulnerability index in river islands. Journal of Cleaner Production, 2021, 284, 124707.	4.6	24
52	Efficient user pairing algorithm for enhancement of spectral efficiency and interference cancelation in downlink NOMA system. Wireless Networks, 2021, 27, 1035-1047.	2.0	6
53	Wireless Networked Multirobot Systems in Smart Factories. Proceedings of the IEEE, 2021, 109, 468-494.	16.4	44
54	Robust, Secure, and Adaptive Trust-Oriented Service Selection in IoT-Based Smart Buildings. IEEE Internet of Things Journal, 2021, 8, 7497-7509.	5.5	17

#	ARTICLE	IF	CITATIONS
55	Federated Edge Learning: Design Issues and Challenges. IEEE Network, 2021, 35, 252-258.	4.9	38
56	UAV-Assisted Wireless Energy and Data Transfer With Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 85-99.	4.9	63
57	Joint Task Assignment and Spectrum Allocation in Heterogeneous UAV Communication Networks: A Coalition Formation Game-Theoretic Approach. IEEE Transactions on Wireless Communications, 2021, 20, 440-452.	6.1	59
58	Deep Reinforcement Learning Empowered Adaptivity for Future Blockchain Networks. IEEE Open Journal of the Computer Society, 2021, 2, 99-105.	5.2	16
59	On the Latency, Rate, and Reliability Tradeoff in Wireless Networked Control Systems for IIoT. IEEE Internet of Things Journal, 2021, 8, 723-733.	5.5	40
60	Enabling AI in Future Wireless Networks: A Data Life Cycle Perspective. IEEE Communications Surveys and Tutorials, 2021, 23, 553-595.	24.8	75
61	Deep Reinforcement Learning Multi-UAV Trajectory Control for Target Tracking. IEEE Internet of Things Journal, 2021, 8, 15441-15455.	5.5	50
62	Multi-Agent Reinforcement Learning in NOMA-Aided UAV Networks for Cellular Offloading. IEEE Transactions on Wireless Communications, 2022, 21, 1498-1512.	6.1	25
63	Systematic Review of Collision-Avoidance Approaches for Unmanned Aerial Vehicles. IEEE Systems Journal, 2022, 16, 4356-4367.	2.9	17
64	Fairness-Aware Link Optimization for Space-Terrestrial Integrated Networks: A Reinforcement Learning Framework. IEEE Access, 2021, 9, 77624-77636.	2.6	15
65	Virtual Resource Allocation for Wireless Virtualized Heterogeneous Network With Hybrid Energy Supply. IEEE Transactions on Wireless Communications, 2022, 21, 1886-1896.	6.1	5
66	Reconfigurable Intelligent Surfaces: Principles and Opportunities. IEEE Communications Surveys and Tutorials, 2021, 23, 1546-1577.	24.8	520
67	Emerging Tools for Link Adaptation on 5G NR and Beyond: Challenges and Opportunities. IEEE Access, 2021, 9, 126976-126987.	2.6	6
68	Industrial IoT in 5G-and-Beyond Networks: Vision, Architecture, and Design Trends. IEEE Transactions on Industrial Informatics, 2022, 18, 4122-4137.	7.2	77
69	Short-Packet Amplify-and-Forward Relaying for the Internet-of-Things in the Face of Imperfect Channel Estimation and Hardware Impairments. IEEE Transactions on Green Communications and Networking, 2022, 6, 20-36.	3.5	15
70	Coordinates-Based Resource Allocation Through Supervised Machine Learning. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1347-1362.	4.9	7
71	Machine Learning-Based Resource Allocation in Satellite Networks Supporting Internet of Remote Things. IEEE Transactions on Wireless Communications, 2021, 20, 6606-6621.	6.1	40
72	A Systematic Review on NOMA Variants for 5G and Beyond. IEEE Access, 2021, 9, 85573-85644.	2.6	86

#	ARTICLE	IF	CITATIONS
73	Characterization of IEEE 802.11 Communications and Detection of Low-Power Jamming Attacks in Noncontrolled Environment Based on a Clustering Study. IEEE Systems Journal, 2022, 16, 683-692.	2.9	2
74	Analysis of Pharmaceutical Company Websites using Innovation Diffusion Theory and Technology Acceptance Model. Advances in Science, Technology and Engineering Systems, 2021, 6, 464-471.	0.4	1
75	Leveraging Deep Reinforcement Learning for Traffic Engineering: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 2064-2097.	24.8	36
76	Compressive Learning in Communication Systems: A Neural Network Receiver for Detecting Compressed Signals in OFDM Systems. IEEE Access, 2021, 9, 122397-122411.	2.6	6
77	Three-Dimensional Ultra-Short Base Line Based Underwater Acoustical Localization Utilizing Modified Newton Algorithm. IEEE Access, 2021, 9, 80671-80681.	2.6	0
78	Human-Augmented Prescriptive Analytics With Interactive Multi-Objective Reinforcement Learning. IEEE Access, 2021, 9, 100677-100693.	2.6	5
79	Distributed Machine Learning for Wireless Communication Networks: Techniques, Architectures, and Applications. IEEE Communications Surveys and Tutorials, 2021, 23, 1458-1493.	24.8	53
80	Make Smart Decisions Faster: Deciding D2D Resource Allocation via Stackelberg Game Guided Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Mobile Computing, 2022, 21, 4426-4438.	3.9	17
81	Blockchain-Inspired Secure Computation Offloading in a Vehicular Cloud Network. IEEE Internet of Things Journal, 2022, 9, 14723-14740.	5.5	20
82	VehicleEIDS: A Novel External Intrusion Detection System Based on Vehicle Voltage Signals. IEEE Internet of Things Journal, 2022, 9, 2124-2133.	5.5	25
83	Cloud Mining Pool Aided Blockchain-Enabled Internet of Things: An Evolutionary Game Approach. IEEE Transactions on Cloud Computing, 2023, 11, 692-703.	3.1	39
84	Smart IoT Network Based Convolutional Recurrent Neural Network With Element-Wise Prediction System. IEEE Access, 2021, 9, 47864-47874.	2.6	8
85	Deep-Learning-Aided Packet Routing in Aeronautical <i>Ad Hoc</i> Networks Relying on Real Flight Data: From Single-Objective to Near-Pareto Multiobjective Optimization. IEEE Internet of Things Journal, 2022, 9, 4598-4614.	5.5	12
86	A Deep Autoencoder Trust Model for Mitigating Jamming Attack in IoT Assisted by Cognitive Radio. IEEE Systems Journal, 2022, 16, 3635-3645.	2.9	34
87	A Survey on the Current Security Landscape of Intelligent Transportation Systems. IEEE Access, 2021, 9, 9180-9208.	2.6	64
88	AFSOS: An Auction Framework and Stackelberg Game Oriented Optimal Network's Resource Selection Technique in Cognitive Radio Networks. IEEE Transactions on Network and Service Management, 2022, 19, 61-72.	3.2	5
89	<i>Learning to Fly</i> : A Distributed Deep Reinforcement Learning Framework for Software-Defined UAV Network Control. IEEE Open Journal of the Communications Society, 2021, 2, 1486-1504.	4.4	7
90	An End-to-End Multiplex Graph Neural Network for Graph Representation Learning. IEEE Access, 2021, 9, 58861-58869.	2.6	3

#	ARTICLE	IF	CITATIONS
91	Multicriterion Resource Management in Energy-Harvested Cooperative UAV-Enabled IoT Networks. IEEE Internet of Things Journal, 2022, 9, 2944-2959.	5.5	9
92	Redefining Wireless Communication for 6G: Signal Processing Meets Deep Learning With Deep Unfolding. IEEE Transactions on Artificial Intelligence, 2021, 2, 528-536.	3.4	43
93	Device-Free Wireless Sensing for Human Detection: The Deep Learning Perspective. IEEE Internet of Things Journal, 2021, 8, 2517-2539.	5.5	78
94	Multi-UAV reconnaissance task allocation for heterogeneous targets using grouping ant colony optimization algorithm. Soft Computing, 2021, 25, 7155-7167.	2.1	46
95	Dynamic Cooperative Spectrum Sensing Based on Deep Multi-User Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 1884.	1.3	8
96	A Tutorial on Ultrareliable and Low-Latency Communications in 6G: Integrating Domain Knowledge Into Deep Learning. Proceedings of the IEEE, 2021, 109, 204-246.	16.4	182
97	Contention Window Optimization in IEEE 802.11ax Networks with Deep Reinforcement Learning. , 2021, , .		11
98	A Novel Learning-based Hard Decoding Scheme and Symbol-Level Precoding Countermeasures. , 2021, , .		0
99	CELR: Connectivity and Energy Aware Layering Routing Protocol for UANs. IEEE Sensors Journal, 2021, 21, 7046-7057.	2.4	16
100	Flying Robots for Safe and Efficient Parcel Delivery Within the COVID-19 Pandemic. , 2021, , .		7
101	PARRoT: Predictive Ad-hoc Routing Fueled by Reinforcement Learning and Trajectory Knowledge. , 2021, , .		14
103	Edge Intelligence for Autonomous Driving in 6G Wireless System: Design Challenges and Solutions. IEEE Wireless Communications, 2021, 28, 40-47.	6.6	63
104	Gateway Placement Optimization in LEO Satellite Networks Based on Traffic Estimation. IEEE Transactions on Vehicular Technology, 2021, 70, 3860-3876.	3.9	12
105	Differential spectrum access for next generation data traffic in massive-IoT. Microprocessors and Microsystems, 2021, 82, 103951.	1.8	3
106	Deep Learning-Assisted Index Estimator for Generalized LED Index Modulation OFDM in Visible Light Communication. Photonics, 2021, 8, 168.	0.9	5
107	Spectral decision for cognitive radio networks in a multi-user environment. Heliyon, 2021, 7, e07132.	1.4	5
108	UAVs Path Planning under a Bi-Objective Optimization Framework for Smart Cities. Electronics (Switzerland), 2021, 10, 1193.	1.8	13
109	Applying machine learning techniques for caching in next-generation edge networks: A comprehensive survey. Journal of Network and Computer Applications, 2021, 181, 103005.	5.8	80

#	ARTICLE	IF	CITATIONS
110	Data-Aided Sensing for Gaussian Process Regression in IoT Systems. IEEE Internet of Things Journal, 2021, 8, 7717-7726.	5.5	7
111	Heterogeneous Multi-AUV Aided Green Internet of Underwater Things. , 2021, , .		3
112	Distributed Multi-Agent Empowered Resource Allocation in Deep Edge Networks. , 2021, , .		2
113	Client-Based Intelligence for Resource Efficient Vehicular Big Data Transfer in Future 6G Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 5332-5346.	3.9	22
114	Joint Computation Offloading and Radio Resource Allocation in MEC-Based Wireless-Powered Backscatter Communication Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 6200-6205.	3.9	36
115	Efficient On-Demand UAV Deployment and Configuration for Off-Shore Relay Communications. , 2021, , .		3
116	GIS aided sustainable urban road management with a unifying queueing and neural network model. Applied Energy, 2021, 291, 116818.	5.1	57
117	Mission Structure Learning-Based Resource Allocation in Space Information Networks. , 2021, , .		3
118	Recent Advances in Blockchain and Artificial Intelligence Integration: Feasibility Analysis, Research Issues, Applications, Challenges, and Future Work. Security and Communication Networks, 2021, 2021, 1-15.	1.0	23
119	Machine-Learning-Aided Mission-Critical Internet of Underwater Things. IEEE Network, 2021, 35, 160-166.	4.9	10
120	Fully-Echoed Q-Routing With Simulated Annealing Inference for Flying Adhoc Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 2223-2234.	4.1	25
121	Deep Learning in the Industrial Internet of Things: Potentials, Challenges, and Emerging Applications. IEEE Internet of Things Journal, 2021, 8, 11016-11040.	5.5	102
122	Unsupervised Machine Learning in 6G Networks -State-of-the-art and Future Trends. , 2021, , .		9
123	Resource Efficiency Optimization for Robust Beamforming in Multi-Beam Satellite Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 6958-6968.	3.9	22
124	Towards Federated Learning in UAV-Enabled Internet of Vehicles: A Multi-Dimensional Contract-Matching Approach. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5140-5154.	4.7	127
125	Semi-Supervised Spatiotemporal Deep Learning for Intrusions Detection in IoT Networks. IEEE Internet of Things Journal, 2021, 8, 12251-12265.	5.5	50
126	Low-Complexity Adaptive Optics Aided Orbital Angular Momentum Based Wireless Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 7812-7824.	3.9	16
127	A perspective on 6G: Requirement, technology, enablers, challenges and future road map. Journal of Systems Architecture, 2021, 118, 102180.	2.5	25

#	ARTICLE	IF	CITATIONS
128	Artificial Intelligence Empowered QoS-Oriented Network Association for Next-Generation Mobile Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 856-870.	4.9	13
129	Intelligent Trajectory Planning in UAV-Mounted Wireless Networks: A Quantum-Inspired Reinforcement Learning Perspective. IEEE Wireless Communications Letters, 2021, 10, 1994-1998.	3.2	17
130	UAV-Assisted Wireless Localization for Search and Rescue. IEEE Systems Journal, 2021, 15, 3261-3272.	2.9	62
131	Channel State Information Prediction for Adaptive Underwater Acoustic Downlink OFDMA System: Deep Neural Networks Based Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 9063-9076.	3.9	28
132	Joint Distributed Cache and Power Control in Haptic Communications: A Potential Game Approach. IEEE Internet of Things Journal, 2021, 8, 14418-14430.	5.5	9
133	Machine Learning: A Catalyst for THz Wireless Networks. Frontiers in Communications and Networks, 2021, 2, .	1.9	10
134	Spectral decision in cognitive radio networks based on deep learning. Expert Systems With Applications, 2021, 180, 115080.	4.4	4
135	AoI-Inspired Collaborative Information Collection for AUV-Assisted Internet of Underwater Things. IEEE Internet of Things Journal, 2021, 8, 14559-14571.	5.5	66
136	A survey on deep learning for challenged networks: Applications and trends. Journal of Network and Computer Applications, 2021, 194, 103213.	5.8	28
137	Deep Reinforcement Learning Assisted Federated Learning Algorithm for Data Management of IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8475-8484.	7.2	102
138	VNE solution for network differentiated QoS and security requirements: from the perspective of deep reinforcement learning. Computing (Vienna/New York), 2021, 103, 1061-1083.	3.2	21
139	Contextual Bandit Learning With Reward Oracles and Sampling Guidance in Multi-Agent Environments. IEEE Access, 2021, 9, 96641-96657.	2.6	1
140	Resource Management and Security Scheme of ICPSs and IoT Based on VNE Algorithm. IEEE Internet of Things Journal, 2022, 9, 22071-22080.	5.5	20
141	Multiplay Multiarmed Bandit Algorithm Based Sensing of Noncontiguous Wideband Spectrum for AIoT Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 3337-3348.	7.2	4
142	Efficient Machine Learning-Enhanced Channel Estimation for OFDM Systems. IEEE Access, 2021, 9, 100839-100850.	2.6	9
143	A Tutorial on 3GPP Initial Cell Search: Exploring a Potential for Intelligence Based Cell Search. IEEE Access, 2021, 9, 100223-100263.	2.6	8
144	XiA: Send-It-Anyway Q-Routing for 6G-Enabled UAV-LEO Communications. IEEE Transactions on Network Science and Engineering, 2021, 8, 2722-2731.	4.1	14
145	Data Aggregation in UAV-Aided Random Access for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 5755-5764.	5.5	22

#	ARTICLE	IF	CITATIONS
146	Multi-Antenna Data-Driven Eavesdropping Attacks and Symbol-Level Precoding Countermeasures. IEEE Open Journal of Vehicular Technology, 2021, 2, 321-336.	3.4	0
147	Stochastic Optimization-Aided Energy-Efficient Information Collection in Internet of Underwater Things Networks. IEEE Internet of Things Journal, 2022, 9, 1775-1789.	5.5	73
148	A Machine Learning Approach to Enhance the Performance of D2D-Enabled Clustered Networks. IEEE Access, 2021, 9, 16114-16132.	2.6	8
149	Intelligent Radio Signal Processing: A Survey. IEEE Access, 2021, 9, 83818-83850.	2.6	49
150	A Survey of Machine Learning in Pedestrian Localization Systems: Applications, Open Issues and Challenges. IEEE Access, 2021, 9, 120138-120157.	2.6	13
151	Intelligent-Driven Green Resource Allocation for Industrial Internet of Things in 5G Heterogeneous Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 520-530.	7.2	28
152	Priority-Aware Task Offloading in Vehicular Fog Computing Based on Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 16067-16081.	3.9	87
153	Millimeter-Wave Concurrent Beamforming: A Multi-Player Multi-Armed Bandit Approach. Computers, Materials and Continua, 2020, 65, 1987-2007.	1.5	14
154	A Novel Intrusion Detection Method Based on Lightweight Neural Network for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 9960-9972.	5.5	59
155	Artificial Intelligence in 5G Technology: Overview of System Models. Asia Pacific Journal of Energy and Environment, 2021, 8, 7-16.	0.3	3
156	AI-based Inter-Tower Communication Networks: Challenges and Benefits. , 2021, , .		5
157	Trends in Intelligent Communication Systems: Review of Standards, Major Research Projects, and Identification of Research Gaps. Journal of Sensor and Actuator Networks, 2021, 10, 60.	2.3	12
158	Unsupervised Wireless Network Model-Assisted Abnormal Warning Information in Government Management. Journal of Sensors, 2021, 2021, 1-12.	0.6	2
159	Deep Reinforcement Learning Method for Energy Efficient Resource Allocation in Next Generation Wireless Networks. , 2020, , .		8
160	AUV Path Planning with Kinematic Constraints in Unknown Environment Using Reinforcement Learning. , 2020, , .		3
161	Contract Based Information Collection in Underwater Acoustic Sensor Networks. , 2020, , .		4
162	Community Detection for Information Propagation Relying on Particle Competition. , 2020, , .		0
163	A Distributed Reinforcement Learning Approach to In-network Congestion Control. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
164	The Best of Both Worlds: Hybrid Data-Driven and Model-Based Vehicular Network Simulation. , 2020, , .		3
165	Deep Learning-based Signal Strength Prediction Using Geographical Images and Expert Knowledge. , 2020, , .		44
166	6G and AI: The Emergence of Future Forefront Technology. , 2020, , .		8
167	Optimal Communication-Computing-Caching for Maximizing Revenue in UAV-Aided Mobile Edge Computing. , 2020, , .		5
168	Deep Reinforcement Learning Aided Computation Offloading and Resource Allocation for IoT. , 2020, , .		7
169	Energy-Efficient Ultra-Dense 5G Networks: Recent Advances, Taxonomy and Future Research Directions. IEEE Access, 2021, 9, 147692-147716.	2.6	12
170	Turbo Iterative DSSS Acquisition in Satellite High-Mobility Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 12998-13009.	3.9	5
171	Multi-Agent Reinforcement Learning Aided Intelligent UAV Swarm for Target Tracking. IEEE Transactions on Vehicular Technology, 2022, 71, 931-945.	3.9	60
172	Deep Learning-Aided Optical IM/DD OFDM Approaches the Throughput of RF-OFDM. IEEE Journal on Selected Areas in Communications, 2022, 40, 212-226.	9.7	9
173	The Applicability of Reinforcement Learning Methods in the Development of Industry 4.0 Applications. Complexity, 2021, 2021, 1-31.	0.9	12
174	Optimized artificial neural network assisted trade-off between transmission and delay in LTE networks. Materials Today: Proceedings, 2021, , .	0.9	0
175	Security Aware Virtual Network Embedding Algorithm Based on Reinforcement Learning. , 2021, , 35-59.		0
176	Centimeter and Millimeter-Wave Propagation Characteristics for Indoor Corridors: Results From Measurements and Models. IEEE Access, 2021, 9, 158726-158737.	2.6	6
177	Graph Neural Networks Based Detection of Stealth False Data Injection Attacks in Smart Grids. IEEE Systems Journal, 2022, 16, 2946-2957.	2.9	37
178	Transfer Reinforcement Learning Aided Distributed Network Slicing Optimization in Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 4308-4316.	7.2	27
180	Multi-Agent Driven Resource Allocation and Interference Management for Deep Edge Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 2018-2030.	3.9	12
181	Cost-Efficient and Quality-of-Experience-Aware Player Request Scheduling and Rendering Server Allocation for Edge-Computing-Assisted Multiplayer Cloud Gaming. IEEE Internet of Things Journal, 2022, 9, 12029-12040.	5.5	5
182	Joint Multi-Branch Weighted Combining and Equalization Detector for Cooperative Communication. IEEE Transactions on Wireless Communications, 2022, 21, 4844-4855.	6.1	0

#	ARTICLE	IF	CITATIONS
183	Parameter Estimation and Classification via Supervised Learning in the Wireless Physical Layer. IEEE Access, 2021, 9, 164854-164886.	2.6	2
184	VNE Solution for Network Differentiated QoS and Security Requirements from the Perspective of Deep Reinforcement Learning. , 2021, , 61-84.		2
185	Security Aware Virtual Network Embedding Algorithm Using Information Entropy TOPSIS. , 2021, , 11-33.		0
186	Decentralized Deep Learning for Multi-Access Edge Computing: A Survey on Communication Efficiency and Trustworthiness. IEEE Transactions on Artificial Intelligence, 2022, 3, 963-972.	3.4	13
187	Clustering-FFT Based Doppler-Shift Acquisition for Space Communications. IEEE Transactions on Communications, 2021, , 1-1.	4.9	4
188	Multi-Task Learning for Efficient Management of Beyond 5G Radio Access Network Architectures. IEEE Access, 2021, 9, 158892-158907.	2.6	5
189	Machine-Learning-Aided Optical OFDM for Intensity Modulated Direct Detection. Journal of Lightwave Technology, 2022, 40, 2357-2369.	2.7	5
190	Graph-based deep learning for communication networks: A survey. Computer Communications, 2022, 185, 40-54.	3.1	88
191	A Cross-Layer Optimization Framework for Distributed Computing in IoT Networks. , 2020, , .		2
192	QoS-Aware Power Management with Convolutional Neural Network. , 2020, , .		0
193	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.	5.5	14
194	Online machine learning algorithms to optimize performances of complex wireless communication systems. Mathematical Biosciences and Engineering, 2021, 19, 2056-2094.	1.0	2
196	Towards Machine Learning-Enabled Context Adaption for Reliable Aerial Mesh Routing. , 2021, , .		1
197	Deep Reinforcement Learning Based Power Allocation for High Throughput Satellites. , 2021, , .		5
198	Machine Learning-Enabled Data Rate Prediction for 5G NSA Vehicle-to-Cloud Communications. , 2021, , .		12
199	Evolution of NOMA Toward Next Generation Multiple Access (NGMA) for 6G. IEEE Journal on Selected Areas in Communications, 2022, 40, 1037-1071.	9.7	168
200	Age of Information in Energy Harvesting Aided Massive Multiple Access Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 1441-1456.	9.7	84
201	Communication-awareness adaptive resource scheduling strategy for multiple target tracking in a multiple radar system. IET Signal Processing, 2022, 16, 750-761.	0.9	3

#	ARTICLE	IF	CITATIONS
202	QoS Guaranteed Network Slicing Orchestration for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 15215-15227.	5.5	10
203	Energy-Efficient Computation Offloading in Mobile Edge Computing Systems With Uncertainties. IEEE Transactions on Wireless Communications, 2022, 21, 5717-5729.	6.1	13
204	A Bibliometric Study and Science Mapping Research of Intelligent Decision. Cognitive Computation, 2022, 14, 989-1008.	3.6	7
205	Service-based Analytics for 5G open experimentation platforms. Computer Networks, 2022, 205, 108740.	3.2	3
206	A Survey on Multimedia Services QoE Assessment and Machine Learning-Based Prediction. IEEE Access, 2022, 10, 19507-19538.	2.6	26
207	Predictive Wireless Channel Modeling of MmWave Bands Using Machine Learning. Electronics (Switzerland), 2021, 10, 3114.	1.8	4
208	RL/DRL Meets Vehicular Task Offloading Using Edge and Vehicular Cloudlet: A Survey. IEEE Internet of Things Journal, 2022, 9, 8315-8338.	5.5	53
209	Robust Design for Spectral Sharing System Based on MI Maximization Under Direction Mismatch. IEEE Transactions on Vehicular Technology, 2022, 71, 6831-6836.	3.9	7
210	Unsupervised Clustering for 5G Network Planning Assisted by Real Data. IEEE Access, 2022, 10, 39269-39281.	2.6	4
211	Control of Electromagnetic Radiation on Coexisting Smart Radio Environment. IEEE Open Journal of the Communications Society, 2022, 3, 557-573.	4.4	4
212	Edge Intelligence for Mission-Critical 6G Services in Space-Air-Ground Integrated Networks. IEEE Network, 2022, 36, 181-189.	4.9	27
213	Coexistence Management in Wireless Networks-A Survey. IEEE Access, 2022, 10, 38600-38624.	2.6	4
214	Joint Optimization for Pedestrian, Information and Energy Flows in Emergency Response Systems With Energy Harvesting and Energy Sharing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22421-22435.	4.7	21
215	Efficient Offloading for Minimizing Task Computation Delay of NOMA-Based Multiaccess Edge Computing. IEEE Transactions on Communications, 2022, 70, 3186-3203.	4.9	80
216	Unity-Rate Coding Improves the Iterative Detection Convergence of Autoencoder-Aided Communication Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 5037-5047.	3.9	2
217	Factory 5G: A Review of Industry-Centric Features and Deployment Options. IEEE Industrial Electronics Magazine, 2022, 16, 24-34.	2.3	18
218	Dynamic SDN-Based Radio Access Network Slicing With Deep Reinforcement Learning for URLLC and eMBB Services. IEEE Transactions on Network Science and Engineering, 2022, 9, 2174-2187.	4.1	32
219	Path Design and Resource Management for NOMA Enhanced Indoor Intelligent Robots. IEEE Transactions on Wireless Communications, 2022, 21, 8007-8021.	6.1	5

#	ARTICLE	IF	CITATIONS
220	Multi-Objective Optimization for Spectrum and Energy Efficiency Tradeoff in IRS-Assisted CRNs With NOMA. IEEE Transactions on Wireless Communications, 2022, 21, 6627-6642.	6.1	27
221	Distributed Deep Reinforcement Learning-Based Spectrum and Power Allocation for Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2022, 21, 6935-6948.	6.1	21
222	FFDR: Design and implementation framework for face detection based on raspberry pi. , 2022, , .		0
223	Intelligent recommender system based on quantum clustering and matrix completion. Concurrency Computation Practice and Experience, 2022, 34, .	1.4	3
224	Long Boosted Memory Algorithm for Intelligent Spectrum Sensing in 5G and Beyond Systems. Journal of Network and Systems Management, 2022, 30, 1.	3.3	1
225	Security enhancement for adaptive optics aided longitudinal orbital angular momentum multiplexed underwater wireless communications. Optics Express, 2022, 30, 9745.	1.7	31
226	A three-valued model abstraction framework for PCTL* stochastic model checking. Automated Software Engineering, 2022, 29, 1.	2.2	0
227	Cognitive radio based spectrum sharing models for multicasting in 5G cellular networks: A survey. Computer Networks, 2022, 208, 108870.	3.2	16
229	On a Detection Method of Adversarial Samples for Deep Neural Networks. , 2021, , .		2
230	Introduction Conceptualization of Security, Forensics, and Privacy of Internet of Things: An Artificial Intelligence Perspective. Studies in Computational Intelligence, 2022, , 1-35.	0.7	0
231	Turbo Detection Aided Autoencoder for Multicarrier Wireless Systems: Integrating Deep Learning Into Channel Coded Systems. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 600-614.	4.9	7
232	Learning Aided Auctioning-Based Spectrum Access System in a Wireless Optical Network. IEEE Transactions on Wireless Communications, 2022, 21, 8245-8258.	6.1	0
233	A Statistical Perspective on Advancement in Blockchain Technology. International Journal of Scientific Research in Computer Science Engineering and Information Technology, 2022, , 205-213.	0.2	1
234	Recent Advances in Artificial Intelligence for Wireless Internet of Things and Cyber-Physical Systems: A Comprehensive Survey. IEEE Internet of Things Journal, 2022, 9, 12916-12930.	5.5	19
235	Mobile Communications, Computing, and Caching Resources Allocation for Diverse Services via Multi-Objective Proximal Policy Optimization. IEEE Transactions on Communications, 2022, 70, 4498-4512.	4.9	5
236	Unified Automatic Control of Vehicular Systems With Reinforcement Learning. IEEE Transactions on Automation Science and Engineering, 2023, 20, 789-804.	3.4	6
237	Automatic Double-Auction Mechanism for Federated Learning Service Market in Internet of Things. IEEE Transactions on Network Science and Engineering, 2022, 9, 3123-3135.	4.1	13
238	EM DeepRay: An Expedient, Generalizable, and Realistic Data-Driven Indoor Propagation Model. IEEE Transactions on Antennas and Propagation, 2022, 70, 4140-4154.	3.1	17

#	ARTICLE	IF	CITATIONS
239	Scientific Applications of Machine Learning Algorithms. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2022, , 78-111.	0.5	0
240	A Novel Architecture for Future Classical-Quantum Communication Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-18.	0.8	5
241	Gain Without Pain: Enabling Real-time Environmental Perception on 2x Mobile Devices in Multiplayer Augmented Reality. , 2021, , .		0
242	Energy and Age Pareto Optimal Trajectories in UAV-Assisted Wireless Data Collection. IEEE Transactions on Vehicular Technology, 2022, 71, 9101-9106.	3.9	10
243	DRaGon: Mining Latent Radio Channel Information from Geographical Data Leveraging Deep Learning. , 2022, , .		4
244	Multiobjective Optimization for Improving Throughput and Energy Efficiency in UAV-Enabled IoT. IEEE Internet of Things Journal, 2022, 9, 20763-20777.	5.5	11
245	Network Architecture for Machine Learning: A Network Operator's Perspective. IEEE Communications Magazine, 2022, 60, 68-74.	4.9	3
246	Editorial A Decade of Green Radio and the Path to "Net Zero" A United Kingdom Perspective. IEEE Transactions on Green Communications and Networking, 2022, 6, 657-664.	3.5	3
247	A Novel Network-Node-Embedded Network Cognition Model Based on Knowledge Module for Strengthening the Thinking Capability of Intelligent Network. IEEE Sensors Journal, 2022, 22, 13727-13738.	2.4	2
248	Wi-Fi Meets ML: A Survey on Improving IEEE 802.11 Performance With Machine Learning. IEEE Communications Surveys and Tutorials, 2022, 24, 1843-1893.	24.8	37
249	Doppler Modeling and Simulation of Train-to-Train Communication in Metro Tunnel Environment. Sensors, 2022, 22, 4289.	2.1	0
250	Integrating Artificial Intelligence and 5G in the Era of Next-Generation Computing. , 2021, , .		2
251	DRL-Based Deadline-Driven Advance Reservation Allocation in EONs for Cloud"Edge Computing. IEEE Internet of Things Journal, 2022, 9, 21444-21457.	5.5	19
252	Mobile Reconfigurable Intelligent Surfaces for NOMA Networks: Federated Learning Approaches. IEEE Transactions on Wireless Communications, 2022, 21, 10020-10034.	6.1	10
253	Federated-Reinforcement-Learning-Enabled Joint Communication, Sensing, and Computing Resources Allocation in Connected Automated Vehicles Networks. IEEE Internet of Things Journal, 2022, 9, 23224-23240.	5.5	7
254	CoO-RAN: Developing Machine Learning-Based xApps for Open RAN Closed-Loop Control on Programmable Experimental Platforms. IEEE Transactions on Mobile Computing, 2023, 22, 5787-5800.	3.9	31
255	Adaptive Optics for Orbital Angular Momentum-Based Internet of Underwater Things Applications. IEEE Internet of Things Journal, 2022, 9, 24281-24299.	5.5	42
256	Reinforcement Learning for Delay Sensitive Uplink Outer-Loop Link Adaptation. , 2022, , .		4

#	ARTICLE	IF	CITATIONS
257	Reliable DNN Partitioning for UAV Swarm. , 2022, , .		2
258	Multi-Agent Team Learning in Virtualized Open Radio Access Networks (O-RAN). <i>Sensors</i> , 2022, 22, 5375.	2.1	13
259	Deep Learning Based Successive Interference Cancellation for the Non-Orthogonal Downlink. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 11876-11888.	3.9	16
260	Cooperative Design for MIMO Radar- Communication Spectral Sharing System Based on Mutual Information Optimization. <i>IEEE Sensors Journal</i> , 2022, 22, 17184-17193.	2.4	3
261	Underwater Differential Game: Finite-Time Target Hunting Task with Communication Delay. , 2022, , .		2
262	On the Training of Reinforcement Learning-based Algorithms in 5G and Beyond Radio Access Networks. , 2022, , .		1
263	Periodic Monitoring and Filtering Suppression of Signal Interference in Mine 5G Communication. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7689.	1.3	2
264	Machine Learning for Intelligent-Reflecting-Surface-Based Wireless Communication towards 6G: A Review. <i>Sensors</i> , 2022, 22, 5405.	2.1	37
265	Hybrid Reinforcement Learning for STAR-RISs: A Coupled Phase-Shift Model Based Beamformer. <i>IEEE Journal on Selected Areas in Communications</i> , 2022, 40, 2556-2569.	9.7	13
266	Recent Progress in Reconfigurable and Intelligent Metasurfaces: A Comprehensive Review of Tuning Mechanisms, Hardware Designs, and Applications. <i>Advanced Science</i> , 2022, 9, .	5.6	29
267	PU-DetNet: Deep Unfolding Aided Smart Sensing Framework for Cognitive Radio. <i>IEEE Access</i> , 2022, 10, 98737-98751.	2.6	2
268	Adversarial Machine Learning in Wireless Communications Using RF Data: A Review. <i>IEEE Communications Surveys and Tutorials</i> , 2023, 25, 77-100.	24.8	21
269	Cooperative Trajectory Design of Multiple UAV Base Stations With Heterogeneous Graph Neural Networks. <i>IEEE Transactions on Wireless Communications</i> , 2023, 22, 1495-1509.	6.1	11
270	Balancing QoS and Security in the Edge: Existing Practices, Challenges, and 6G Opportunities With Machine Learning. <i>IEEE Communications Surveys and Tutorials</i> , 2022, 24, 2419-2448.	24.8	17
271	Adaptive Optics Compensation for Orbital Angular Momentum Optical Wireless Communications. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 11151-11163.	6.1	5
272	Intelligent Blockchain-Based Edge Computing via Deep Reinforcement Learning: Solutions and Challenges. <i>IEEE Network</i> , 2022, 36, 12-19.	4.9	8
273	The Road to Industry 4.0 and Beyond: A Communications-, Information-, and Operation Technology Collaboration Perspective. <i>IEEE Network</i> , 2022, 36, 157-164.	4.9	7
274	Graph Convolutional Network Aided Virtual Network Embedding for Internet of Thing. <i>IEEE Transactions on Network Science and Engineering</i> , 2023, 10, 265-274.	4.1	4

#	ARTICLE	IF	CITATIONS
275	Delay-Aware and Energy-Efficient Carrier Aggregation in 5G Using Double Deep Q-Networks. IEEE Transactions on Communications, 2022, 70, 6615-6629.	4.9	9
276	Decentralized Edge Intelligence-Driven Network Resource Orchestration Mechanism. IEEE Network, 2023, 37, 270-276.	4.9	5
277	Load-Aware Distributed Resource Allocation for MF-TDMA Ad Hoc Networks: A Multi-Agent DRL Approach. IEEE Transactions on Network Science and Engineering, 2022, 9, 4426-4443.	4.1	2
278	Automatic Jamming Signal Classification in Cognitive UAV Radios. IEEE Transactions on Vehicular Technology, 2022, 71, 12972-12988.	3.9	3
279	Deep Learning-Based Autonomous UAV-BSs for NGWNs: Overview and a Novel Architecture. IEEE Consumer Electronics Magazine, 2023, 12, 32-42.	2.3	2
280	Al-Bazaar: A Cloud-Edge Computing Power Trading Framework for Ubiquitous AI Services. IEEE Transactions on Cloud Computing, 2022, , 1-13.	3.1	8
281	Resource Allocation in V2X Communications Based on Multi-Agent Reinforcement Learning with Attention Mechanism. Mathematics, 2022, 10, 3415.	1.1	7
282	A Joint Learning and Game-Theoretic Approach to Multi-Dimensional Resource Management in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 2550-2563.	3.9	2
283	An Intelligent Access Channel Algorithm Based on Distributed Double Q Learning. Applied Sciences (Switzerland), 2022, 12, 10815.	1.3	0
284	Signal separation and super-resolution DOA estimation based on multi-objective joint learning. Applied Intelligence, 2023, 53, 14565-14578.	3.3	1
285	Multispectral image analysis for monitoring by IoT based wireless communication using secure locations protocol and classification by deep learning techniques. Optik, 2022, 271, 170122.	1.4	6
286	Optimized Deep Learning Model for Effective Spectrum Sensing in Dynamic SNR Scenario. Computer Systems Science and Engineering, 2023, 45, 1279-1294.	1.9	1
287	Machine Learning Applications in Internet-of-Drones: Systematic Review, Recent Deployments, and Open Issues. ACM Computing Surveys, 2023, 55, 1-45.	16.1	37
288	Multi-agent broad reinforcement learning for intelligent traffic light control. Information Sciences, 2023, 619, 509-525.	4.0	18
289	Blockchain-Aided Network Resource Orchestration in Intelligent Internet of Things. IEEE Internet of Things Journal, 2023, 10, 6151-6163.	5.5	15
290	Knowledge Graph Aided Network Representation and Routing Algorithm for LEO Satellite Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 5195-5207.	3.9	8
291	Latency Fairness Optimization on Wireless Networks Through Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2023, 72, 5407-5412.	3.9	2
292	Artificial intelligence implication on energy sustainability in Internet of Things: A survey. Information Processing and Management, 2023, 60, 103212.	5.4	16

#	ARTICLE	IF	CITATIONS
293	Deep Reinforcement Learning Algorithm for Latency-Oriented IIoT Resource Orchestration. IEEE Internet of Things Journal, 2023, 10, 7153-7163.	5.5	4
294	Predicting the Frequency Bands and the Path Loss in Wireless Communication Systems using Random Forests. , 2022, , .		0
295	Five Facets of 6G: Research Challenges and Opportunities. ACM Computing Surveys, 2023, 55, 1-39.	16.1	29
296	Enhanced Elman spike neural network based intrusion attack detection in software defined <scp>Internet of Things</scp> network. Concurrency Computation Practice and Experience, 2023, 35, .	1.4	7
297	A Review Paper on the Application of Machine Learning for Ad-Hoc Network. , 2022, , .		0
298	Cooperative Power-Domain NOMA Systems: An Overview. Sensors, 2022, 22, 9652.	2.1	13
299	Potential, concepts, and key advances for a ubiquitous adaptive indigenous microengineering and nanoengineering in 6G network. International Journal of Communication Systems, 0, , .	1.6	5
300	A systematic mapping study on machine learning methodologies for requirements management. IET Software, 0, , .	1.5	0
301	DQN-Based Proactive Trajectory Planning of UAVs in Multi-Access Edge Computing. Computers, Materials and Continua, 2023, 74, 4685-4702.	1.5	0
302	Applications and prospects of artificial intelligence in covert satellite communication: a review. Science China Information Sciences, 2023, 66, .	2.7	9
303	Delay Optimization in LoRaWAN by Employing Adaptive Scheduling Algorithm With Unsupervised Learning. IEEE Access, 2023, 11, 2545-2556.	2.6	3
304	A Systematic Review of Data Aggregation using Machine Learning Techniques. , 2022, , .		0
305	On the Design of a Network Digital Twin for the Radio Access Network in 5G and Beyond. Sensors, 2023, 23, 1197.	2.1	5
306	Self-Evolving Integrated Vertical Heterogeneous Networks. IEEE Open Journal of the Communications Society, 2023, 4, 552-580.	4.4	2
307	Distributed Intelligence in Wireless Networks. IEEE Open Journal of the Communications Society, 2023, , 1-1.	4.4	3
308	On the Road to 6G: Visions, Requirements, Key Technologies, and Testbeds. IEEE Communications Surveys and Tutorials, 2023, 25, 905-974.	24.8	151
309	Reinforcement learning based joint trajectory design and resource allocation for RIS-aided UAV multicast networks. Computer Networks, 2023, 227, 109697.	3.2	2
310	Performance of a Neural Network Receiver under Mismatch of Channel Training Samples. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
311	The Internet of Senses: Building on Semantic Communications and Edge Intelligence. IEEE Network, 2023, 37, 68-75.	4.9	4
312	Comprehensive review on ML-based RIS-enhanced IoT systems: basics, research progress and future challenges. Computer Networks, 2023, 224, 109581.	3.2	22
313	Joint spectrum sensing and D2D communications in Cognitive Radio Networks using clustering and deep learning strategies under SSDF attacks. Ad Hoc Networks, 2023, 143, 103116.	3.4	3
314	Highly reconfigurable silicon integrated microwave photonic filter towards next-generation wireless communication. Photonics Research, 2023, 11, 682.	3.4	13
315	Resource-Constraint Network Selection for IoT Under the Unknown and Dynamic Heterogeneous Wireless Environment. IEEE Internet of Things Journal, 2023, 10, 12322-12337.	5.5	0
316	Multi-Dimensional Resource Optimal Allocation Scheme for Tiansuan Constellation. , 2022, , .		1
317	UAV-Enabled Covert Federated Learning. IEEE Transactions on Wireless Communications, 2023, 22, 6793-6809.	6.1	15
318	TinyDRaGon: Lightweight Radio Channel Estimation for 6G Pervasive Intelligence. , 2022, , .		1
319	Sybil Attack Detection in Internet of Flying Things-IoFT: A Machine Learning Approach. IEEE Internet of Things Journal, 2023, 10, 12854-12866.	5.5	3
320	Joint Multi-Objective Optimization for Radio Access Network Slicing Using Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2023, 72, 11828-11843.	3.9	4
325	Intelligent Traffic Control. Wireless Networks, 2023, , 111-209.	0.3	0
326	Intelligent Resource Scheduling. Wireless Networks, 2023, , 211-269.	0.3	0
327	Mobile Edge Computing Enabled Intelligent IoT. Wireless Networks, 2023, , 271-350.	0.3	0
328	Blockchain-Enabled Intelligent IoT. Wireless Networks, 2023, , 351-391.	0.3	0
329	Space Network Security. , 2023, , 371-407.		2
332	Machine Learning Assisted Intelligent Reflecting Surface MIMO Communication-Gateway for 6G. A Review. Lecture Notes in Networks and Systems, 2023, , 543-554.	0.5	0
333	6G Network Traffic Intrusion Detection Using Multiresolution Auto-encoder and Feature Matching Discriminator. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 208-218.	0.2	0
340	Emerging of Machine Learning and Deep Learning Technology: Addressing in Intelligent Wireless Network Optimization. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
342	Machine Learning Approach for Mitigating Security Threats in IoT Environment. , 2023, , .		0
346	Artificial Intelligence Advancement for 6G Communication: A Visionary Approach. , 2023, , 355-394.		0
349	Machine Learning-Based Secret Key Generation for IRS-Assisted Multi-Antenna Systems. , 2023, , .		2
357	Testing Black Boxes: Verification and Validation of AI Models in Wireless Communication Systems. , 2023, , .		0
359	Water Pump Health Prediction in Industrial Wireless Sensor Network Using Supervised Learning. , 2023, , .		0