Reinforcement Learning for Real-Time Optimization in

Citation Report

#	Article	IF	Citations
1	Online Supervised Learning for Traffic Load Prediction in Framed-ALOHA Networks. IEEE Communications Letters, 2019, 23, 1778-1782.	4.1	21
2	Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 1185-1191.	14.0	34
3	An Insight Scheme for Large-Scale Events Based on Telecom Operators Data. , 2019, , .		11
4	Research on Evaluation Method of Wireless Network Cross-Boundary Coverage Based on Smart Terminals Location Data. , 2019, , .		9
5	A Novel Big Data Assisted Analysis Architecture for Telecom Operator. , 2019, , .		35
6	Research on Telecom Big Data Platform of LTE/5G Mobile Networks. , 2019, , .		83
7	Telecom Big Data Assisted BS Resource Analysis for LTE/5G Systems. , 2019, , .		62
8	Deep Reinforcement Learning for Discrete and Continuous Massive Access Control optimization. , 2020, , .		7
9	Scheduling and Decoding of Downlink Control Channel in 3GPP Narrowband-IoT. IEEE Access, 2020, 8, 175612-175624.	4.2	6
10	Opportunistic Resource Allocation for Narrowband Internet of Things: A Literature Review. , 2020, , .		5
11	TARA: An Efficient Random Access Mechanism for NB-IoT by Exploiting TA Value Difference in Collided Preambles. IEEE Transactions on Mobile Computing, 2022, 21, 1110-1123.	5.8	5
12	DeepWiERL: Bringing Deep Reinforcement Learning to the Internet of Self-Adaptive Things. , 2020, , .		18
13	Dynamic Resource Management in Next Generation Networks with Dense User Traffic. , 2020, , .		2
14	Delay-aware dynamic access control for mMTC in wireless networks using deep reinforcement learning. Computer Networks, 2020, 182, 107493.	5.1	9
15	Security threats of NB-IoT and countermeasures. IOP Conference Series: Materials Science and Engineering, 2020, 862, 052033.	0.6	9
16	Autonomous Power Allocation Based on Distributed Deep Learning for Device-to-Device Communication Underlaying Cellular Network. IEEE Access, 2020, 8, 107853-107864.	4.2	10
17	Narrowband Internet of Things: A Comprehensive Study. Computer Networks, 2020, 173, 107209.	5.1	41
18	DRL-Based Energy-Efficient Resource Allocation Frameworks for Uplink NOMA Systems. IEEE Internet of Things Journal, 2020, 7, 7279-7294.	8.7	77

#	Article	IF	Citations
19	Reinforcement Learning-Based Multislot Double-Threshold Spectrum Sensing With Bayesian Fusion for Industrial Big Spectrum Data. IEEE Transactions on Industrial Informatics, 2021, 17, 3391-3400.	11.3	77
20	NPDCCH Period Adaptation and Downlink Scheduling for NB-IoT Networks. IEEE Internet of Things Journal, 2021, 8, 962-975.	8.7	13
21	Information flow perception modeling and optimization of Internet of Things for cloud services. Future Generation Computer Systems, 2021, 115, 671-679.	7.5	10
22	Green Deep Reinforcement Learning for Radio Resource Management: Architecture, Algorithm Compression, and Challenges. IEEE Vehicular Technology Magazine, 2021, 16, 29-39.	3.4	19
23	Voting-Based Multiagent Reinforcement Learning for Intelligent IoT. IEEE Internet of Things Journal, 2021, 8, 2681-2693.	8.7	7
24	A Decoupled Learning Strategy for Massive Access Optimization in Cellular IoT Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 668-685.	14.0	24
25	Throughput Analysis and User Barring Design for Uplink NOMA-Enabled Random Access. IEEE Transactions on Wireless Communications, 2021, 20, 6298-6314.	9.2	19
26	Autonomous Decentralized Traffic Control Using Q-Learning in LPWAN. IEEE Access, 2021, 9, 93651-93661.	4.2	5
27	MER-WearNet: Medical-Emergency Response Wearable Networking Powered by UAV-Assisted Computing Offloading and WPT. IEEE Transactions on Network Science and Engineering, 2022, 9, 299-309.	6.4	9
28	Two-Stage Hybrid Network Clustering Using Multi-Agent Reinforcement Learning. Electronics (Switzerland), 2021, 10, 232.	3.1	3
29	An Enhanced Cooperative Communication Scheme for Physical Uplink Shared Channel in NB-IoT. Wireless Personal Communications, 2021, 120, 2367-2386.	2.7	20
30	Deep Reinforcement Learning-aided Transmission Design for Multi-user V2V Networks. , 2021, , .		3
31	Optimising Performance for NB-IoT UE Devices through Data Driven Models. Journal of Sensor and Actuator Networks, 2021, 10, 21.	3.9	1
32	SVM-based online learning for interference-aware multi-cell mmWave vehicular communications. IET Communications, 2021, 15, 1015-1027.	2.2	2
33	Machine Learning in Wireless Sensor Networks for Smart Cities: A Survey. Electronics (Switzerland), 2021, 10, 1012.	3.1	83
34	An adaptive uplink resource allocation algorithm in NB-IoT. , 2021, , .		1
35	NPRACH-Aware Link Adaptation and Uplink Resource Allocation in NB-IoT Cellular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 4894-4906.	6.3	6
36	Learning-Based Signal Detection for MIMO Systems With Unknown Noise Statistics. IEEE Transactions on Communications, 2021, 69, 3025-3038.	7.8	42

#	Article	IF	Citations
37	AI-based Enhancement of Access and Mobility Procedures in Cellular Networks: An Experimental Study. , 2021, , .		1
38	Deep Reinforcement Learning for QoS provisioning at the MAC layer: A Survey. Engineering Applications of Artificial Intelligence, 2021, 102, 104234.	8.1	14
39	NB-IoT Random Access: Data-Driven Analysis and ML-Based Enhancements. IEEE Internet of Things Journal, 2021, 8, 11384-11399.	8.7	10
40	Distributed Q-Learning Aided Uplink Grant-Free NOMA for Massive Machine-Type Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 2029-2041.	14.0	34
41	Supporting Sustainable Virtual Network Mutations With Mystique. IEEE Transactions on Network and Service Management, 2021, 18, 2714-2727.	4.9	6
42	Decentralized Learning for Channel Allocation in IoT Networks Over Unlicensed Bandwidth as a Contextual Multi-Player Multi-Armed Bandit Game. IEEE Transactions on Wireless Communications, 2022, 21, 3162-3178.	9.2	6
43	Deep Reinforcement Learning-Based Access Class Barring for Energy-Efficient mMTC Random Access in LTE Networks. IEEE Access, 2020, 8, 227657-227666.	4.2	16
44	Quality-Aware Distributed Computation and Communication Scheduling for Fast Convergent Wireless Federated Learning. , 2021, , .		2
45	DDPG-Based Edge Resource Management for Coal Mine Surveillance Video Analysis in Cloud-Edge Cooperation Framework. IEEE Access, 2021, 9, 155457-155471.	4.2	2
46	The Applicability of Reinforcement Learning Methods in the Development of Industry 4.0 Applications. Complexity, 2021, 2021, 1-31.	1.6	12
47	Applications of Multi-Agent Deep Reinforcement Learning: Models and Algorithms. Applied Sciences (Switzerland), 2021, 11, 10870.	2.5	6
48	AI Models for Green Communications Towards 6G. IEEE Communications Surveys and Tutorials, 2022, 24, 210-247.	39.4	104
49	Decentralized Renewable Resource Redistribution and Optimization for Beyond 5G Small Cell Base Stations: A Machine Learning Approach. IEEE Systems Journal, 2023, 17, 988-999.	4.6	3
50	Statistical Learning-Based Grant-Free Access for Delay-Sensitive Internet of Things Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 5492-5506.	6.3	4
52	QoE Optimization for Live Video Streaming in UAV-to-UAV Communications via Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 5358-5370.	6.3	33
53	QoS Extension to a B.A.T.M.A.N. based LoRa Mesh Network. , 2021, , .		5
54	Convergence Time Minimization for Federated Reinforcement Learning over Wireless Networks. , 2022, , .		0
55	Edge-Enabled Two-Stage Scheduling Based on Deep Reinforcement Learning for Internet of Everything. IEEE Internet of Things Journal, 2023, 10, 3295-3304.	8.7	59

#	Article	IF	Citations
56	Detecting flooding DDoS attacks in software defined networks using supervised learning techniques. Engineering Science and Technology, an International Journal, 2022, 35, 101176.	3.2	10
57	Offset-Aware Resource Allocation in NB-IoT Networks. IEEE Internet of Things Journal, 2022, 9, 23967-23980.	8.7	4
58	A new wearable brace monitoring multiple physiological parameters based on the nb-iot technique. Journal of Mechanics in Medicine and Biology, 0, , .	0.7	0
59	Energy efficient medium access control protocol for data collection in wireless sensor network: A Q-learning approach. Sustainable Energy Technologies and Assessments, 2022, 53, 102530.	2.7	4
60	Deep Learning Based Double-Contention Random Access for Massive Machine-Type Communication. IEEE Transactions on Wireless Communications, 2023, 22, 1794-1807.	9.2	6
61	Optimization of LoRa SF Allocation Based on Deep Reinforcement Learning. Wireless Communications and Mobile Computing, 2022, 2022, 1-14.	1.2	3
62	Narrowband IoT Signal Identification in LTE Networks Using Convolutional Neural Networks. IEEE Internet of Things Journal, 2023, 10, 4367-4374.	8.7	0
63	Survey of Reinforcement-Learning-Based MAC Protocols for Wireless Ad Hoc Networks with a MAC Reference Model. Entropy, 2023, 25, 101.	2.2	8
64	Non-episodic and Heterogeneous Environment in Distributed Multi-agent Reinforcement Learning. , 2022, , .		0
65	Real-Time Intrusion Detection and Prevention System for 5G and beyond Software-Defined Networks. Symmetry, 2023, 15, 110.	2.2	1
66	Energy-Efficient Scheduling for Search-Space Periods in NB-IoT Networks. IEEE Systems Journal, 2023, 17, 3974-3985.	4.6	2
67	Transmission Control in NB-IoT With Model-Based Reinforcement Learning. IEEE Access, 2023, 11, 57991-58005.	4.2	0
68	Joint Trajectory and Radio Resource Optimization for Autonomous Mobile Robots Exploiting Multi-Agent Reinforcement Learning. IEEE Transactions on Communications, 2023, , 1-1.	7.8	0
69	Inter-Cell Interference Mitigation for Cellular-Connected UAVs Using MOSDS-DQN. IEEE Transactions on Cognitive Communications and Networking, 2023, , 1-1.	7.9	0
70	Actor-Critic Based Back-off Algorithm for Massive Machine-Type Communication. , 2023, , .		0
71	Refraction reverse learning based hybrid Namib Antenna Beetle Optimization for resource allocation in NB-IoT platform. Multimedia Tools and Applications, 0, , .	3.9	0
72	Joint power allocation and blocklength assignment for reliability optimization in CA-enabled HetNets. Peer-to-Peer Networking and Applications, 2024, 17, 358-372.	3.9	1
73	Drone-Enabled Load Management for Solar Small Cell Networks in Next-Gen Communications Optimization for Solar Small Cells. , 2023, , .		0