

Convergence of Edge Computing and Deep Learning: A

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Generalization Error for Linear Regression under Distributed Learning. , 2020, , .		4
2	Spectrum Sharing for Secrecy Performance Enhancement in D2D-Enabled UAV Networks. IEEE Network, 2020, 34, 156-163.	4.9	18
3	Air-Ground Integrated Mobile Edge Networks: A Survey. IEEE Access, 2020, 8, 125998-126018.	2.6	51
4	A security integration model for private data of intelligent mobile communication based on edge computing. Computer Communications, 2020, 162, 204-211.	3.1	5
5	Fog computing systems: State of the art, research issues and future trends, with a focus on resilience. Journal of Network and Computer Applications, 2020, 169, 102784.	5.8	35
6	Distributed Artificial Intelligence-as-a-Service (DAIaaS) for Smarter IoE and 6G Environments. Sensors, 2020, 20, 5796.	2.1	73
7	A Survey of Deep Learning for Data Caching in Edge Network. Informatics, 2020, 7, 43.	2.4	15
8	A Conceptual Framework for Stochastic Neuromorphic Computing. IEEE Design and Test, 2020, , 1-1.	1.1	3
9	WinDConv: A Fused Datapath CNN Accelerator for Power-Efficient Edge Devices. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 4278-4289.	1.9	3
10	GPU based Re-trainable Pruned CNN design for Camera Trapping at the Edge. , 2020, , .		0
11	Towards Mobile Edge Computing: Taxonomy, Challenges, Applications and Future Realms. IEEE Access, 2020, 8, 189129-189162.	2.6	26
12	Hardware Implementation of Hyperbolic Tangent Activation Function for Floating Point Formats. , 2020, , .		5
13	Key Advances in Pervasive Edge Computing for Industrial Internet of Things in 5G and Beyond. IEEE Access, 2020, 8, 206734-206754.	2.6	43
14	Towards an Machine Learning-Based Edge Computing Oriented Monitoring System for the Desert Border Surveillance Use Case. IEEE Access, 2020, 8, 218304-218322.	2.6	3
15	Towards the Use of Artificial Intelligence on the Edge in Space Systems: Challenges and Opportunities. IEEE Aerospace and Electronic Systems Magazine, 2020, 35, 44-56.	2.3	107
16	Acceleration of Neural Network Training on Hardware via HLS for an Edge-AI Device. , 2020, , .		2
17	Deep Reinforcement Learning-Based Collaborative Video Caching and Transcoding in Clustered and Intelligent Edge B5G Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-16.	0.8	8
18	Virtualization Construction of Security Components of Edge IoT Agent Based on Security Requirements. Journal of Physics: Conference Series, 2020, 1617, 012076.	0.3	1

#	ARTICLE	IF	CITATIONS
19	CNN-Based Fall Detection Strategy with Edge Computing Scheduling in Smart Cities. Electronics (Switzerland), 2020, 9, 1780.	1.8	5
20	Intelligent and Ubiquitous Positioning Framework in 5G Edge Computing Scenarios. IEEE Access, 2020, 8, 83276-83289.	2.6	5
21	STCS: Spatial-Temporal Collaborative Sampling in Flow-Aware Software Defined Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 999-1013.	9.7	43
22	Moving Deep Learning to the Edge. Algorithms, 2020, 13, 125.	1.2	48
23	Convergence of Recommender Systems and Edge Computing: A Comprehensive Survey. IEEE Access, 2020, 8, 47118-47132.	2.6	24
24	Multivariate Seawater Quality Prediction Based on PCA-RVM Supported by Edge Computing Towards Smart Ocean. IEEE Access, 2020, 8, 54506-54513.	2.6	16
25	Neural Networks with ESP32 - Are Two Heads Faster than One?. , 2020, , .		4
26	An Analysis of Adversarial Attacks and Defenses on Autonomous Driving Models. , 2020, , .		75
27	Autonomous Underwater Monitoring System for Detecting Life on the Seabed by Means of Computer Vision Cloud Services. Remote Sensing, 2020, 12, 1981.	1.8	23
28	A Survey on Deep Transfer Learning to Edge Computing for Mitigating the COVID-19 Pandemic. Journal of Systems Architecture, 2020, 108, 101830.	2.5	112
29	Moving beyond the Technology: A Socio-technical Roadmap for Low-Cost Water Sensor Network Applications. Environmental Science & Technology, 2020, 54, 9145-9158.	4.6	23
30	Collaborative Edge Computing and Caching With Deep Reinforcement Learning Decision Agents. IEEE Access, 2020, 8, 120604-120612.	2.6	22
31	Points-of-Interest Recommendation Algorithm Based on LBSN in Edge Computing Environment. IEEE Access, 2020, 8, 47973-47983.	2.6	7
32	Edge-Computing-Enabled Smart Cities: A Comprehensive Survey. IEEE Internet of Things Journal, 2020, 7, 10200-10232.	5.5	219
33	Edge Computing in Internet of Things: A Novel Sensing-Data Reconstruction Algorithm Under Intelligent-Migratoin Stragegy. IEEE Access, 2020, 8, 50696-50708.	2.6	8
34	Deep Reinforcement Learning for Delay-Oriented IoT Task Scheduling in SAGIN. IEEE Transactions on Wireless Communications, 2021, 20, 911-925.	6.1	142
35	Exploiting Unintended Property Leakage in Blockchain-Assisted Federated Learning for Intelligent Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2265-2275.	5.5	38
36	Reinforcement Learning Meets Wireless Networks: A Layering Perspective. IEEE Internet of Things Journal, 2021, 8, 85-111.	5.5	19

#	ARTICLE	IF	CITATIONS
37	A Proof-of-Quality-Factor (PoQF)-Based Blockchain and Edge Computing for Vehicular Message Dissemination. IEEE Internet of Things Journal, 2021, 8, 2468-2482.	5.5	37
38	Design and Prototype Implementation of a Blockchain-Enabled LoRa System With Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2419-2430.	5.5	15
39	Distributed Resource Management for Blockchain in Fog-Enabled IoT Networks. IEEE Internet of Things Journal, 2021, 8, 2330-2341.	5.5	19
40	Deep-IFS: Intrusion Detection Approach for Industrial Internet of Things Traffic in Fog Environment. IEEE Transactions on Industrial Informatics, 2021, 17, 7704-7715.	7.2	54
41	When Deep Reinforcement Learning Meets Federated Learning: Intelligent Multitimescale Resource Management for Multiaccess Edge Computing in 5G Ultradense Network. IEEE Internet of Things Journal, 2021, 8, 2238-2251.	5.5	162
42	Intelligent Offloading for NOMA-Assisted MEC via Dual Connectivity. IEEE Internet of Things Journal, 2021, 8, 2802-2813.	5.5	28
43	“Last mile” optimization of edge computing ecosystem with deep learning models and specialized tensor processing architectures. Advances in Computers, 2021, , 303-341.	1.2	19
44	Video Caching, Analytics, and Delivery at the Wireless Edge: A Survey and Future Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 431-471.	24.8	67
45	Blockchain-Based Edge Computing Resource Allocation in IoT: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2021, 8, 2226-2237.	5.5	93
46	Boosting Edge Intelligence With Collaborative Cross-Edge Analytics. IEEE Internet of Things Journal, 2021, 8, 2444-2458.	5.5	21
47	Wireless Avionics Intracommunications: A Survey of Benefits, Challenges, and Solutions. IEEE Internet of Things Journal, 2021, 8, 7745-7767.	5.5	24
48	Deep learning for privacy preservation in autonomous moving platforms enhanced 5G heterogeneous networks. Computer Networks, 2021, 185, 107743.	3.2	31
49	Intelligent Charging Path Planning for IoT Network Over Blockchain-Based Edge Architecture. IEEE Internet of Things Journal, 2021, 8, 2379-2394.	5.5	12
50	Joint Chain-Based Service Provisioning and Request Scheduling for Blockchain-Powered Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2135-2149.	5.5	9
51	Social Interaction and Information Diffusion in Social Internet of Things: Dynamics, Cloud-Edge, Traceability. IEEE Internet of Things Journal, 2021, 8, 2177-2192.	5.5	27
52	Distributed Learning on Mobile Devices: A New Approach to Data Mining in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 10264-10279.	5.5	3
53	Hybrid Blockchain-Based Resource Trading System for Federated Learning in Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2252-2264.	5.5	58
54	Enabling AI in Future Wireless Networks: A Data Life Cycle Perspective. IEEE Communications Surveys and Tutorials, 2021, 23, 553-595.	24.8	75

#	ARTICLE	IF	CITATIONS
55	STEC-IoT: A Security Tactic by Virtualizing Edge Computing on IoT. IEEE Internet of Things Journal, 2021, 8, 2459-2467.	5.5	42
56	Smart Applications in Edge Computing: Overview on Authentication and Data Security. IEEE Internet of Things Journal, 2021, 8, 4063-4080.	5.5	33
57	Communication-Efficient Federated Learning and Permissioned Blockchain for Digital Twin Edge Networks. IEEE Internet of Things Journal, 2021, 8, 2276-2288.	5.5	140
58	FantastIC4: A Hardware-Software Co-Design Approach for Efficiently Running 4Bit-Compact Multilayer Perceptrons. IEEE Open Journal of Circuits and Systems, 2021, 2, 407-419.	1.4	7
59	A Survey on Deep Learning for Ultra-Reliable and Low-Latency Communications Challenges on 6G Wireless Systems. IEEE Access, 2021, 9, 55098-55131.	2.6	44
60	Efficiency Versus Accuracy: A Review of Design Techniques for DNN Hardware Accelerators. IEEE Access, 2021, 9, 9785-9799.	2.6	18
61	Federated Deep Learning for Zero-Day Botnet Attack Detection in IoT-Edge Devices. IEEE Internet of Things Journal, 2022, 9, 3930-3944.	5.5	106
62	Multiagent Federated Reinforcement Learning for Secure Incentive Mechanism in Intelligent Cyber-Physical Systems. IEEE Internet of Things Journal, 2022, 9, 22095-22108.	5.5	36
63	Secure-Stor: A Novel Hybrid Storage System Architecture to Enhance Security and Performance in Edge Computing. IEEE Access, 2021, 9, 92446-92459.	2.6	2
64	Toward Enabled Industrial Verticals in 5G: A Survey on MEC-Based Approaches to Provisioning and Flexibility. IEEE Communications Surveys and Tutorials, 2021, 23, 596-630.	24.8	109
65	Computation Rate Maximization for Intelligent Reflecting Surface Enhanced Wireless Powered Mobile Edge Computing Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 10820-10831.	3.9	69
66	Optimal Status Update for Caching Enabled IoT Networks: A Dueling Deep R-Network Approach. IEEE Transactions on Wireless Communications, 2021, 20, 8438-8454.	6.1	22
67	An Improved End-to-End License Plate Recognition Algorithm Based on DO-Conv. Computer Science and Application, 2021, 11, 588-595.	0.0	0
68	Latency-Driven Model Placement for Efficient Edge Intelligence Service. IEEE Transactions on Services Computing, 2022, 15, 591-601.	3.2	3
69	A Survey on Applications of Deep Learning in Cloud Radio Access Network. IEEE Access, 2021, 9, 61972-61997.	2.6	4
70	Big Data Resource Management & Networks: Taxonomy, Survey, and Future Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 2098-2130.	24.8	33
71	Analysis of Edge-Optimized Deep Learning Classifiers for Radar-Based Gesture Recognition. IEEE Access, 2021, 9, 74406-74421.	2.6	15
72	Cloud Versus Edge Deployment Strategies of Real-Time Face Recognition Inference. IEEE Transactions on Network Science and Engineering, 2022, 9, 143-160.	4.1	24

#	ARTICLE	IF	CITATIONS
73	Resource Trading with Hierarchical Game for Computing-Power Network Market. Lecture Notes in Computer Science, 2021, , 94-109.	1.0	0
74	Gateway controller with deep sensing: learning to be autonomic in intelligent internet of things. International Journal of Communication Networks and Distributed Systems, 2021, 26, 1.	0.3	3
75	Deep Learning in Smart Grid Technology: A Review of Recent Advancements and Future Prospects. IEEE Access, 2021, 9, 54558-54578.	2.6	79
76	Optimizing AI Service Placement and Resource Allocation in Mobile Edge Intelligence Systems. IEEE Transactions on Wireless Communications, 2021, 20, 7257-7271.	6.1	23
77	AI Model Compression for Edge Devices Using Optimization Techniques. Studies in Computational Intelligence, 2021, , 227-240.	0.7	1
78	Deep-Reinforcement-Learning-Based Latency Minimization in Edge Intelligence Over Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 1300-1312.	5.5	11
79	SO-MEC: Service offloading in virtual mobile edge computing using deep reinforcement learning. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4211.	2.6	10
80	Automated Ensemble for Deep Learning Inference on Edge Computing Platforms. IEEE Internet of Things Journal, 2022, 9, 4202-4213.	5.5	5
81	Enabling DNN Acceleration With Data and Model Parallelization Over Ubiquitous End Devices. IEEE Internet of Things Journal, 2022, 9, 15053-15065.	5.5	11
83	Industrial Internet of Learning (IIoL): IIoT based pervasive knowledge network for LPWAN concept, framework and case studies. CCF Transactions on Pervasive Computing and Interaction, 2021, 3, 25-39.	1.7	12
84	Fast-Convergent Federated Learning With Adaptive Weighting. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1078-1088.	4.9	55
85	Anticipatory Allocation of Communication and Computational Resources at the Edge Using Spatio-Temporal Dynamics of Mobile Users. IEEE Transactions on Network and Service Management, 2021, 18, 4548-4562.	3.2	10
86	DoSRA: A Decentralized Approach to Online Edge Task Scheduling and Resource Allocation. IEEE Internet of Things Journal, 2022, 9, 4677-4692.	5.5	18
87	Energy-Efficient Convolution Module With Flexible Bit-Adjustment Method and ADC Multiplier Architecture for Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 3055-3065.	7.2	3
88	Wireless Edge Machine Learning: Resource Allocation and Trade-Offs. IEEE Access, 2021, 9, 45377-45398.	2.6	32
89	Joint Optimization With DNN Partitioning and Resource Allocation in Mobile Edge Computing. IEEE Transactions on Network and Service Management, 2021, 18, 3973-3986.	3.2	20
90	RL-PDNN: Reinforcement Learning for Privacy-Aware Distributed Neural Networks in IoT Systems. IEEE Access, 2021, 9, 54872-54887.	2.6	5
91	Distributed Slice Selection-Based Computation Offloading for Intelligent Vehicular Networks. IEEE Open Journal of Vehicular Technology, 2021, 2, 261-271.	3.4	3

#	ARTICLE	IF	CITATIONS
92	Early DGA-based botnet identification: pushing detection to the edges. Cluster Computing, 2021, 24, 1695-1710.	3.5	5
93	A Blockchain-Driven IIoT Traffic Classification Service for Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2124-2134.	5.5	19
94	Detecting Pronunciation Errors in Spoken English Tests Based on Multifeature Fusion Algorithm. Complexity, 2021, 2021, 1-11.	0.9	2
95	An Efficient FIFO Based Accelerator for Convolutional Neural Networks. Journal of Signal Processing Systems, 2021, 93, 1117-1129.	1.4	5
96	Optimising Deep Learning at the Edge for Accurate Hourly Air Quality Prediction. Sensors, 2021, 21, 1064.	2.1	26
97	EEDTO: An Energy-Efficient Dynamic Task Offloading Algorithm for Blockchain-Enabled IoT-Edge-Cloud Orchestrated Computing. IEEE Internet of Things Journal, 2021, 8, 2163-2176.	5.5	158
98	MEC-assisted flexible transcoding strategy for adaptive bitrate video streaming in small cell networks. China Communications, 2021, 18, 200-214.	2.0	17
99	Virtualizing AI at the Distributed Edge towards Intelligent IoT Applications. Journal of Sensor and Actuator Networks, 2021, 10, 13.	2.3	13
100	Blockchain-Enabled Secure Data Sharing Scheme in Mobile-Edge Computing: An Asynchronous Advantage Actor-Critic Learning Approach. IEEE Internet of Things Journal, 2021, 8, 2342-2353.	5.5	128
101	Near-Online Tracking With Co-Occurrence Constraints in Blockchain-Based Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2193-2207.	5.5	60
102	Joint computation offloading and task caching for multi-user and multi-task MEC systems: reinforcement learning-based algorithms. Wireless Networks, 2021, 27, 2023-2038.	2.0	113
103	Smart grid encounters edge computing: opportunities and applications. Advances in Applied Energy, 2021, 1, 100006.	6.6	68
104	Nakamoto Consensus to Accelerate Supervised Classification Algorithms for Multiparty Computing. Security and Communication Networks, 2021, 2021, 1-11.	1.0	0
105	A Deep Transfer Learning-based Edge Computing Method for Home Health Monitoring. , 2021, , .		10
106	A Discreet Wearable Long-Range Emergency System Based on Embedded Machine Learning. , 2021, , .		6
107	Optimizing Resource Allocation for Joint AI Model Training and Task Inference in Edge Intelligence Systems. IEEE Wireless Communications Letters, 2021, 10, 532-536.	3.2	10
108	AI-Based Resource Management in Beyond 5G Cloud Native Environment. IEEE Network, 2021, 35, 128-135.	4.9	24
109	Enabling Pervasive Federated Learning using Vehicular Virtual Edge Servers. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
110	A critical review of intrusion detection systems in the internet of things: techniques, deployment strategy, validation strategy, attacks, public datasets and challenges. <i>Cybersecurity</i> , 2021, 4, .	3.1	153
111	AdaSpring. , 2021, 5, 1-22.		6
112	Efficient Implementation of NIST LWC ESTATE Algorithm Using OpenCL and Web Assembly for Secure Communication in Edge Computing Environment. <i>Sensors</i> , 2021, 21, 1987.	2.1	2
113	Federated Quantum Machine Learning. <i>Entropy</i> , 2021, 23, 460.	1.1	52
114	Network Public Opinion Prediction and Control Based on Edge Computing and Artificial Intelligence New Paradigm. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-11.	0.8	7
115	Intelligent Media Forensics and Traffic Handling Scheme in 5G Edge Networks. <i>Security and Communication Networks</i> , 2021, 2021, 1-11.	1.0	5
116	An intelligent collaborative inference approach of service partitioning and task offloading for deep learning based service in mobile edge computing networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021, 32, e4263.	2.6	11
117	An online guided tuning approach to run CNN pipelines on edge devices. , 2021, , .		5
118	Peak Age of Information Distribution for Edge Computing With Wireless Links. <i>IEEE Transactions on Communications</i> , 2021, 69, 3176-3191.	4.9	32
119	Cooperative Model-Based Reinforcement Learning for Approximate Optimal Tracking. , 2021, , .		1
120	Meta-Learning Based Dynamic Computation Task Offloading for Mobile Edge Computing Networks. <i>IEEE Communications Letters</i> , 2021, 25, 1568-1572.	2.5	26
121	Resource-Efficient Federated Learning with Hierarchical Aggregation in Edge Computing. , 2021, , .		61
122	Tailored Learning-Based Scheduling for Kubernetes-Oriented Edge-Cloud System. , 2021, , .		30
123	Optimal Channel Sharing assisted Multi-user Computation Offloading via NOMA. , 2021, , .		0
124	Applying machine learning techniques for caching in next-generation edge networks: A comprehensive survey. <i>Journal of Network and Computer Applications</i> , 2021, 181, 103005.	5.8	80
125	Research on Key Technologies of Data Service Based on Adaptive Deep Learning. <i>Journal of Software</i> , 0, , 130-134.	0.6	0
126	An Area-Efficient Word-Line Pitch-Aligned 8T SRAM Compatible Digital-to-Analog Converter. , 2021, , .		0
127	Joint Service Placement for Maximizing the Social Welfare in Edge Federation. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
128	Bidirectional IoT Device Identification Based on Radio Frequency Fingerprint Reciprocity. , 2021, , .		1
129	On the Aggregated Resource Management for Satellite Edge Computing. , 2021, , .		3
130	Predicting Parking Occupancy in Real-time Using Fog Layer Hosted DNN Implemented in FPGA. , 2021, , .		0
131	Optimal Accuracy-Time Trade-off for Deep Learning Services in Edge Computing Systems. , 2021, , .		5
132	Machine Learning-Based Offloading Strategy for Lightweight User Mobile Edge Computing Tasks. Complexity, 2021, 2021, 1-11.	0.9	36
133	Few-Shot Class-Adaptive Anomaly Detection with Model-Agnostic Meta-Learning. , 2021, , .		11
134	Adaptive and Collaborative Edge Inference in Task Stream with Latency Constraint. , 2021, , .		5
135	Informed Prefetching in I/O Bounded Distributed Deep Learning. , 2021, , .		3
136	Artificial Intelligence Approach for Service Function Chains Orchestration at The Network Edge. , 2021, , .		2
137	Learning-Based Fast Decision for Task Execution in Next Generation Wireless Networks. , 2021, , .		1
138	Towards Smart and Efficient Health Monitoring Using Edge-enabled Situational-awareness. , 2021, , .		3
139	A Framework for Edge Intelligent Smart Distribution Grids via Federated Learning. , 2021, , .		10
140	Classifier Performance Evaluation for Lightweight IDS Using Fog Computing in IoT Security. Electronics (Switzerland), 2021, 10, 1633.	1.8	25
141	Improving the Accuracy of Early Exits in Multi-Exit Architectures via Curriculum Learning. , 2021, , .		4
142	Super-Cloudlet: Rethinking Edge Computing in the Era of Open Optical Networks. , 2021, , .		0
143	Wearable Edge AI Applications for Ecological Environments. Sensors, 2021, 21, 5082.	2.1	10
144	AI-assisted intent-based traffic grooming in a dynamically shared 5g optical fronthaul network. Optics Express, 2021, 29, 23113.	1.7	1
145	FedCo: A Federated Learning Controller for Content Management in Multi-party Edge Systems. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
146	Capacity of Remote Classification Over Wireless Channels. IEEE Transactions on Communications, 2021, 69, 4489-4503.	4.9	0
147	QoS-Aware Placement of Deep Learning Services on the Edge with Multiple Service Implementations. , 2021, , .		13
148	Dew Intelligence: Federated learning perspective. , 2021, , .		7
149	Dynamic DNN Decomposition for Lossless Synergistic Inference. , 2021, , .		8
150	LearningADD: Machine learning based acoustic defect detection in factory automation. Journal of Manufacturing Systems, 2021, 60, 48-58.	7.6	20
151	A survey of VNF forwarding graph embedding in 5G/6G networks. Wireless Networks, 0, , 1.	2.0	6
152	Security Analysis of Capsule Network Inference using Horizontal Collaboration. , 2021, , .		4
153	Fast Federated Learning by Balancing Communication Trade-Offs. IEEE Transactions on Communications, 2021, 69, 5168-5182.	4.9	27
154	Enabling Design Methodologies and Future Trends for Edge AI: Specialization and Codesign. IEEE Design and Test, 2021, 38, 7-26.	1.1	24
155	Deep learning with accelerated execution: toward a real-time video analysis system. Neural Computing and Applications, 0, , 1.	3.2	1
156	Semi-Supervised Spatiotemporal Deep Learning for Intrusions Detection in IoT Networks. IEEE Internet of Things Journal, 2021, 8, 12251-12265.	5.5	50
157	6G-enabled Edge Intelligence for Ultra -Reliable Low Latency Applications: Vision and Mission. Computer Standards and Interfaces, 2021, 77, 103521.	3.8	63
158	Enabling Massive IoT Toward 6G: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 11891-11915.	5.5	282
159	Preserving User Privacy in Personalized Networks. IEEE Networking Letters, 2021, 3, 124-128.	1.5	2
160	Context-aware Adaptive Surgery. , 2021, 5, 1-22.		7
161	In-circuit tuning of deep learning designs. Journal of Systems Architecture, 2021, 118, 102198.	2.5	0
162	Decentralized Online Learning With Compressed Communication for Near-Sensor Data Analytics. IEEE Communications Letters, 2021, 25, 2958-2962.	2.5	0
163	Towards asynchronous federated learning based threat detection: A DC-Adam approach. Computers and Security, 2021, 108, 102344.	4.0	26

#	ARTICLE	IF	CITATIONS
164	Constrained Multiobjective Optimization for IoT-Enabled Computation Offloading in Collaborative Edge and Cloud Computing. IEEE Internet of Things Journal, 2021, 8, 13723-13736.	5.5	45
165	The mechanism of digitized landscape architecture design under edge computing. PLoS ONE, 2021, 16, e0252087.	1.1	6
166	Cooperative computation offloading and resource allocation for delay minimization in mobile edge computing. Journal of Systems Architecture, 2021, 118, 102167.	2.5	62
167	DMRO: A Deep Meta Reinforcement Learning-Based Task Offloading Framework for Edge-Cloud Computing. IEEE Transactions on Network and Service Management, 2021, 18, 3448-3459.	3.2	124
168	Power flow adjustment for smart microgrid based on edge computing and multi-agent deep reinforcement learning. Journal of Cloud Computing: Advances, Systems and Applications, 2021, 10, .	2.1	8
169	A game-theoretic joint optimal pricing and resource allocation for Mobile Edge Computing in NOMA-based 5G networks and beyond. Computer Networks, 2021, 198, 108352.	3.2	16
170	FedPA: An adaptively partial model aggregation strategy in Federated Learning. Computer Networks, 2021, 199, 108468.	3.2	11
171	Privacy preservation in federated learning: An insightful survey from the GDPR perspective. Computers and Security, 2021, 110, 102402.	4.0	91
172	A Non-Blind Deconvolution Semi Pipelined Approach to Understand Text in Blurry Natural Images for Edge Intelligence. Information Processing and Management, 2021, 58, 102675.	5.4	8
173	Personal Protection Equipment detection system for embedded devices based on DNN and Fuzzy Logic. Expert Systems With Applications, 2021, 184, 115447.	4.4	17
174	Self-aware distributed deep learning framework for heterogeneous IoT edge devices. Future Generation Computer Systems, 2021, 125, 908-920.	4.9	17
175	Edge computing enabled video segmentation for real-time traffic monitoring in internet of vehicles. Pattern Recognition, 2022, 121, 108146.	5.1	93
176	Edge Computing in Healthcare Systems. EAI/Springer Innovations in Communication and Computing, 2021, , 63-100.	0.9	2
177	Shared Spectrum Monitoring Using Deep Learning. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1171-1185.	4.9	34
178	An Energy-Efficient Fine-Grained Deep Neural Network Partitioning Scheme for Wireless Collaborative Fog Computing. IEEE Access, 2021, 9, 79611-79627.	2.6	16
179	Compact and Stable Memristive Visual Geometry Group Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 987-998.	7.2	4
180	An Energy Efficient Smart Metering System Using Edge Computing in LoRa Network. IEEE Transactions on Sustainable Computing, 2022, 7, 786-798.	2.2	16
181	Deadline-Aware Task Offloading With Partially-Observable Deep Reinforcement Learning for Multi-Access Edge Computing. IEEE Transactions on Network Science and Engineering, 2022, 9, 3870-3885.	4.1	14

#	ARTICLE	IF	CITATIONS
182	Enabling and Leveraging AI in the Intelligent Edge: A Review of Current Trends and Future Directions. IEEE Open Journal of the Communications Society, 2021, 2, 2311-2341.	4.4	2
183	Resource Pricing and Allocation in MEC Enabled Blockchain Systems: An A3C Deep Reinforcement Learning Approach. IEEE Transactions on Network Science and Engineering, 2022, 9, 33-44.	4.1	56
184	Semantic Service Clustering With Lightweight BERT-Based Service Embedding Using Invocation Sequences. IEEE Access, 2021, 9, 54298-54309.	2.6	5
185	FedCPF: An Efficient-Communication Federated Learning Approach for Vehicular Edge Computing in 6G Communication Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1616-1629.	4.7	97
186	DEF. , 2021, , .		4
187	Slicing-Based Reliable Resource Orchestration for Secure Software-Defined Edge-Cloud Computing Systems. IEEE Internet of Things Journal, 2022, 9, 2637-2648.	5.5	11
188	Intelligent Radio Signal Processing: A Survey. IEEE Access, 2021, 9, 83818-83850.	2.6	49
189	Federated Machine Learning: Survey, Multi-Level Classification, Desirable Criteria and Future Directions in Communication and Networking Systems. IEEE Communications Surveys and Tutorials, 2021, 23, 1342-1397.	24.8	243
190	Advancing Software-Defined Service-Centric Networking Toward In-Network Intelligence. IEEE Network, 2021, 35, 210-218.	4.9	10
191	Design and Deployment of an Image Polarity Detector with Visual Attention. Cognitive Computation, 2022, 14, 261-273.	3.6	16
192	Reconfigurable neural network accelerator and simulator for model implementation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, , .	0.2	1
193	Edge Intelligence and Internet of Things in Healthcare: A Survey. IEEE Access, 2021, 9, 45-59.	2.6	110
194	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.	9.7	74
195	Fast-Convergent Federated Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 201-218.	9.7	109
196	Client Scheduling and Resource Management for Efficient Training in Heterogeneous IoT-Edge Federated Learning. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 2407-2420.	1.9	25
197	Deep Belief Network-Based Multifeature Fusion Music Classification Algorithm and Simulation. Complexity, 2021, 2021, 1-10.	0.9	10
198	Anonymous Broadcast Authentication for Securely Remote-Controlling IoT Devices. Lecture Notes in Networks and Systems, 2021, , 679-690.	0.5	10
199	A Machine Learning Security Framework for IoT Systems. IEEE Access, 2020, 8, 114066-114077.	2.6	111

#	ARTICLE	IF	CITATIONS
200	Image Search System Based on Feature Vectors of Convolutional Neural Network. , 2020, , .		1
201	DLion. , 2021, , .		13
202	Joint Coding and Scheduling Optimization for Distributed Learning Over Wireless Edge Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 484-498.	9.7	6
203	Cost-Efficient and Skew-Aware Data Scheduling for Incremental Learning in 5G Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 578-595.	9.7	1
204	MobiHisNet: A Lightweight CNN in Mobile Edge Computing for Histopathological Image Classification. IEEE Internet of Things Journal, 2021, 8, 17778-17789.	5.5	18
205	Consensus Based Vertically Partitioned Multi-layer Perceptrons for Edge Computing. Lecture Notes in Computer Science, 2021, , 253-267.	1.0	0
206	Deep Learning with Accelerated Execution: A Real-Time License Plate Localisation System. , 2021, , .		1
207	Edge Computing-Enabled Crowd Density Estimation based on Lightweight Convolutional Neural Network. , 2021, , .		8
208	Survey on Mobile Edge-Cloud Computing: A Taxonomy on Computation offloading Approaches. Studies in Big Data, 2022, , 117-158.	0.8	10
209	Edge-based Human Activity Recognition System for Smart Healthcare. Journal of the Institution of Engineers (India): Series B, 0, , 1.	1.3	6
210	DEC: A deepâ€ learning based edgeâ€ cloud orchestrated system for recyclable garbage detection. Concurrency Computation Practice and Experience, 2023, 35, e6661.	1.4	2
211	An Analytical Survey of WSNs Integration with Cloud and Fog Computing. Electronics (Switzerland), 2021, 10, 2625.	1.8	6
212	Enabling Distributed Intelligence with Ferroelectric Multifunctionalities. Advanced Science, 2022, 9, e2103842.	5.6	15
213	Edge Intelligence: Empowering Intelligence to the Edge of Network. Proceedings of the IEEE, 2021, 109, 1778-1837.	16.4	61
214	Content Sharing Prediction for Device-to-Device (D2D)-based Offline Mobile Social Networks by Network Representation Learning. Lecture Notes in Computer Science, 2020, , 112-126.	1.0	1
215	Pseudo stereo output synthesis of wind instruments based on computer multimedia technology. , 2020, , .		0
216	Time Efficient Federated Learning with Semi-asynchronous Communication. , 2020, , .		11
217	CCIED: Cache-aided Collaborative Intelligence Between Edge Devices. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
218	Edge-enhanced analytics via latent space dimensionality reduction. , 2020, , .		4
219	Improved Multiview Decomposition for Single-Image High-Resolution 3D Object Reconstruction. Wireless Communications and Mobile Computing, 2020, 2020, 1-14.	0.8	5
220	IDEC: Intelligent Distributed Edge Computing System Architecture Enabling Deep Learning across Heterogeneous IoT Devices. , 2020, , .		1
221	An Online Reinforcement Learning Offloading Method for Delay-Sensitive Vehicular Service. , 2020, , .		0
222	Load Balance Awarded Data Sharing Systems In Heterogeneous Edge Environment. , 2020, , .		0
223	Scission: Performance-driven and Context-aware Cloud-Edge Distribution of Deep Neural Networks. , 2020, , .		14
224	Machine Learning at the Network Edge: A Survey. ACM Computing Surveys, 2022, 54, 1-37.	16.1	134
225	Towards Cost-Efficient Edge Intelligent Computing With Elastic Deployment of Container-Based Microservices. IEEE Access, 2020, 8, 102947-102957.	2.6	10
226	Towards Named AI Networking: Unveiling the Potential of NDN for Edge AI. Lecture Notes in Computer Science, 2020, , 16-22.	1.0	8
227	Steering Angle Prediction for Autonomous Driving using Federated Learning: The Impact of Vehicle-To-Everything Communication. , 2021, , .		10
228	The Case for Adaptive Deep Neural Networks in Edge Computing. , 2021, , .		5
229	Optimizing the quality of information of networked machine learning agents. Journal of Network and Computer Applications, 2021, , 103243.	5.8	0
230	An ensemble of random decision trees with local differential privacy in edge computing. Neurocomputing, 2022, 485, 181-195.	3.5	9
231	Highly-Optimized Radar-Based Gesture Recognition System with Depthwise Expansion Module. Sensors, 2021, 21, 7298.	2.1	14
232	Secure IoT edge: Threat situation awareness based on network traffic. Computer Networks, 2021, 201, 108525.	3.2	7
233	Cloud-Based Content Management for 5G. , 2022, , 501-537.		0
234	Artificial Intelligence based Edge Computing Framework for Optimization of Mobile Communication. Journal of ISMAC, 2020, 2, 160-165.	2.2	0
235	Service Chaining Offloading Decision in the EdgeAI: A Deep Reinforcement Learning Approach. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
236	Accelerating Low-Cost Edge-Based Real-Time Video Analytics using Task Scheduling. , 2021, , .		2
237	In-Network Learning via Over-the-Air Computation in Internet-of-Things. , 2021, , .		1
238	Edge Intelligence as a Service. , 2021, , .		8
239	Trajectory Construction for Autonomous Robot Movement based on Sensed Physical Parameters and Video Data. , 2021, , .		1
240	An Aerial-Computing-Assisted Architecture for Large-Scale Sensor Networks. IEEE Wireless Communications, 2021, 28, 43-49.	6.6	9
241	Socialized Learning for Smart Cities: Cognitive Paradigm, Methodology, and Solution. IEEE Wireless Communications, 2021, 28, 200-208.	6.6	7
242	Dynamic Early Exit Scheduling for Deep Neural Network Inference through Contextual Bandits. , 2021, , .		7
243	An Efficient Defect Detection System for Printed Circuit Boards with Edge-Cloud Fusion Computing. , 2021, , .		2
244	Masking Feedforward Neural Networks Against Power Analysis Attacks. Proceedings on Privacy Enhancing Technologies, 2022, 2022, 501-521.	2.3	5
245	Communication-Efficient Semihierarchical Federated Analytics in IoT Networks. IEEE Internet of Things Journal, 2022, 9, 12614-12627.	5.5	2
246	Computation Bits Maximization in UAV-Enabled Mobile-Edge Computing System. IEEE Internet of Things Journal, 2022, 9, 10640-10651.	5.5	12
248	Edge-Assisted Solutions for IoT-Based Connected Healthcare Systems: A Literature Review. IEEE Internet of Things Journal, 2022, 9, 9419-9443.	5.5	16
249	Learning, Computing, and Trustworthiness in Intelligent IoT Environments: Performance-Energy Tradeoffs. IEEE Transactions on Green Communications and Networking, 2022, 6, 629-644.	3.5	7
250	Multiobjective Optimization for Joint Task Offloading, Power Assignment, and Resource Allocation in Mobile Edge Computing. IEEE Internet of Things Journal, 2022, 9, 11737-11748.	5.5	20
251	Low Latency Deep Learning Inference Model for Distributed Intelligent IoT Edge Clusters. IEEE Access, 2021, 9, 160607-160621.	2.6	18
252	Mobile Edge Computing for Content Distribution and Mobility Support in Smart Cities. , 2021, , 473-500.		2
253	MR-DRO: A Fast and Efficient Task Offloading Algorithm in Heterogeneous Edge/Cloud Computing Environments. IEEE Internet of Things Journal, 2023, 10, 3165-3178.	5.5	27
254	Data-Driven Edge Computing: A Fabric for Intelligent Building Energy Management Systems. IEEE Industrial Electronics Magazine, 2022, 16, 44-52.	2.3	3

#	ARTICLE	IF	CITATIONS
255	Privacy-Preserving Federated Learning for Industrial Edge Computing via Hybrid Differential Privacy and Adaptive Compression. IEEE Transactions on Industrial Informatics, 2023, 19, 1136-1144.	7.2	17
256	Dynamic Scheduling for Heterogeneous Federated Learning in Private 5G Edge Networks. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 26-40.	7.3	16
257	Deep Learning in Computer Vision Through Mobile Edge Computing for IoT. , 2021, , 443-471.		3
258	A compressed sensing and CNN-based method for fault diagnosis of photovoltaic inverters in edge computing scenarios. IET Renewable Power Generation, 2022, 16, 1434-1444.	1.7	13
259	Federated Learning in Edge Computing: A Systematic Survey. Sensors, 2022, 22, 450.	2.1	92
260	Social physics. Physics Reports, 2022, 948, 1-148.	10.3	231
261	Impact of internet of things paradigm towards energy consumption prediction: A systematic literature review. Sustainable Cities and Society, 2022, 78, 103624.	5.1	21
262	Prediction of Football Match Results Based on Edge Computing and Machine Learning Technology. International Journal of Mobile Computing and Multimedia Communications, 2022, 13, 0-0.	0.4	2
263	Design Space Exploration of Accelerators and End-to-End DNN Evaluation with TFLITE-SOC. , 2020, , .		12
264	Edge-Cloud Collaboration Architecture for AI Transformation of SME Manufacturing Enterprises. , 2020, , .		2
265	Adaptive Window Based Sampling on The Edge for Internet of Things Data Streams. , 2020, , .		4
266	Poster: Configuration Management for Internet Services at the Edge: A Data-Driven Approach. , 2020, , .		1
267	Edge-Cloud Architectures Using UAVs Dedicated To Industrial IoT Monitoring And Control Applications. , 2020, , .		3
268	An Ensemble of Random Decision Trees with Personalized Privacy Preservation in Edge-Cloud Computing. , 2020, , .		2
269	Adaptive Asynchronous Federated Learning for Edge Intelligence. , 2021, , .		3
270	Adaptive Task Scheduling in Cloud-Edge System for Edge Intelligence Application. , 2021, , .		1
271	Deep Reinforcement Learning Based Admission Control for Throughput Maximization in Mobile Edge Computing. , 2021, , .		2
272	Cost-Efficient 5G Non-Public Network Roll-Out: The Affordable5G Approach. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
273	Performances and Trade-offs of Low-Bit Precision Neural Networks based on Resistive Memories. , 2021, , .		1
274	Adaptive Deep Neural Network Ensemble for Inference-as-a-Service on Edge Computing Platforms. , 2021, , .		0
275	Optimization of Multi-layer Neural Network Considering Memory Structure of Microcontroller. The Journal of Korean Institute of Information Technology, 2021, 19, 55-62.	0.1	0
276	Cooperative Task Offloading in UAV Swarm-based Edge Computing. , 2021, , .		2
277	A differentially private indoor localization scheme with fusion of WiFi and bluetooth fingerprints in edge computing. Neural Computing and Applications, 2022, 34, 4111-4132.	3.2	11
278	Design possibilities and challenges of DNN models: a review on the perspective of end devices. Artificial Intelligence Review, 2022, 55, 5109-5167.	9.7	11
279	Current Situation and Strategy Formulation of College Sports Psychology Teaching Following Adaptive Learning and Deep Learning Under Information Education. Frontiers in Psychology, 2021, 12, 766621.	1.1	5
280	Evaluation Index of School Sports Resources Based on Artificial Intelligence and Edge Computing. Mobile Information Systems, 2022, 2022, 1-9.	0.4	1
282	Applications of Auction and Mechanism Design in Edge Computing: A Survey. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1034-1058.	4.9	27
283	Information Freshness-Aware Task Offloading in Air-Ground Integrated Edge Computing Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 243-258.	9.7	37
284	Accelerating Federated Learning With Cluster Construction and Hierarchical Aggregation. IEEE Transactions on Mobile Computing, 2023, 22, 3805-3822.	3.9	9
285	Towards edge computing in intelligent manufacturing: Past, present and future. Journal of Manufacturing Systems, 2022, 62, 588-611.	7.6	60
286	Edge Artificial Intelligence for 6G: Vision, Enabling Technologies, and Applications. IEEE Journal on Selected Areas in Communications, 2022, 40, 5-36.	9.7	206
287	DONE: Distributed Approximate Newton-type Method for Federated Edge Learning. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1.	4.0	7
288	Ground-Assisted Federated Learning in LEO Satellite Constellations. IEEE Wireless Communications Letters, 2022, 11, 717-721.	3.2	23
289	Liquid Software-Based Edge Intelligence for Future 6G Networks. IEEE Network, 2022, 36, 69-75.	4.9	16
290	Hybrid Pruning Method Based on Convolutional Neural Network Sensitivity and Statistical Threshold. Journal of Physics: Conference Series, 2022, 2171, 012055.	0.3	1
291	Edge-Oriented Computing: A Survey on Research and Use Cases. Energies, 2022, 15, 452.	1.6	30

#	ARTICLE	IF	CITATIONS
292	PACA: A Pattern Pruning Algorithm and Channel-Fused High PE Utilization Accelerator for CNNs. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 5043-5056.	1.9	4
293	Intelligent Interactive English Teaching Discrete Data Modeling and Simulation. Scientific Programming, 2022, 2022, 1-10.	0.5	1
294	Edge Intelligence: Concepts, Architectures, Applications, and Future Directions. Transactions on Embedded Computing Systems, 2022, 21, 1-41.	2.1	17
295	Communication-efficient distributed AI strategies for the IoT edge. Future Generation Computer Systems, 2022, 131, 292-308.	4.9	19
296	Graph label prediction based on local structure characteristics representation. Pattern Recognition, 2022, 125, 108525.	5.1	5
297	QoS-Aware Priority-Based Task Offloading for Deep Learning Services at the Edge. , 2022, , .		3
299	Adaptive Early Exit of Computation for Energy-Efficient and Low-Latency Machine Learning over IoT Networks. , 2022, , .		4
300	Towards Semantic Management of On-Device Applications in Industrial IoT. ACM Transactions on Internet Technology, 2022, 22, 1-30.	3.0	6
301	Anomalous Vehicle Recognition in Smart Urban Traffic Monitoring as an Edge Service. Future Internet, 2022, 14, 54.	2.4	5
302	PhiNets: A Scalable Backbone for Low-power AI at the Edge. Transactions on Embedded Computing Systems, 2022, 21, 1-18.	2.1	6
303	A survey: Distributed Machine Learning for 5G and beyond. Computer Networks, 2022, 207, 108820.	3.2	25
304	Analysis and Prediction of Meteorological Data Based on Edge Computing and Neural Network. International Journal of Distributed Systems and Technologies, 2022, 13, 1-10.	0.6	0
305	UAV-Enabled Mobile Edge-Computing for IoT Based on AI: A Comprehensive Review. Drones, 2021, 5, 148.	2.7	53
306	Automatic Path Planning Offloading Mechanism in Edge-Enabled Environments. Mathematics, 2021, 9, 3117.	1.1	3
308	Deep Learning with Enhanced Convergence and Its Application in MEC Task Offloading. Lecture Notes in Computer Science, 2022, , 361-375.	1.0	2
309	Timely and Accurate Bitrate Switching in HTTP Adaptive Streaming With Date-Driven I-Frame Prediction. IEEE Transactions on Multimedia, 2023, 25, 3753-3762.	5.2	5
310	Efficient Container Assignment and Layer Sequencing in Edge Computing. IEEE Transactions on Services Computing, 2023, 16, 1118-1131.	3.2	7
311	A Deep Learning Framework for Beam Selection and Power Control in Massive MIMO - Millimeter-Wave Communications. IEEE Transactions on Mobile Computing, 2023, 22, 4374-4387.	3.9	2

#	ARTICLE	IF	CITATIONS
312	Optimized Energy Efficient Strategy for Data Reduction Between Edge Devices in Cloud-IoT. Computers, Materials and Continua, 2022, 72, 125-140.	1.5	8
313	Priority-based Resource Allocation Scheme for Mobile Edge Computing. , 2022, , .		9
314	KeepEdge: A Knowledge Distillation Empowered Edge Intelligence Framework for Visual Assisted Positioning in UAV Delivery. IEEE Transactions on Mobile Computing, 2023, 22, 4729-4741.	3.9	5
315	Mobile Devices Strategies in Blockchain-Based Federated Learning: A Dynamic Game Perspective. IEEE Transactions on Network Science and Engineering, 2023, 10, 1376-1388.	4.1	9
316	Balanced Computing Offloading for Selfish IoT Devices in Fog Computing. IEEE Access, 2022, 10, 30890-30898.	2.6	6
317	Aerial Computing: A New Computing Paradigm, Applications, and Challenges. IEEE Internet of Things Journal, 2022, 9, 8339-8363.	5.5	38
318	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
319	An Efficient and Robust Cloud-Based Deep Learning With Knowledge Distillation. IEEE Transactions on Cloud Computing, 2023, 11, 1733-1745.	3.1	6
320	Slim-FCP: Lightweight-Feature-Based Cooperative Perception for Connected Automated Vehicles. IEEE Internet of Things Journal, 2022, 9, 15630-15638.	5.5	4
321	Efficient Offloading for Minimizing Task Computation Delay of NOMA-Based Multiaccess Edge Computing. IEEE Transactions on Communications, 2022, 70, 3186-3203.	4.9	80
322	CroApp: A CNN-Based Resource Optimization Approach in Edge Computing Environment. IEEE Transactions on Industrial Informatics, 2022, 18, 6300-6307.	7.2	23
323	MGFL: Multi-granularity Federated Learning in Edge Computing Systems. Lecture Notes in Computer Science, 2022, , 549-563.	1.0	1
324	A Survey of Intelligent Network Slicing Management for Industrial IoT: Integrated Approaches for Smart Transportation, Smart Energy, and Smart Factory. IEEE Communications Surveys and Tutorials, 2022, 24, 1175-1211.	24.8	88
325	Real-Time Semantic Segmentation via Spatial-Detail Guided Context Propagation. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-12.	7.2	10
326	A Certificateless Signcryption Mechanism Based on Blockchain for Edge Computing. IEEE Internet of Things Journal, 2023, 10, 11960-11974.	5.5	15
327	FedSTN: Graph Representation Driven Federated Learning for Edge Computing Enabled Urban Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8738-8748.	4.7	25
328	AI-Enabled Secure Microservices in Edge Computing: Opportunities and Challenges. IEEE Transactions on Services Computing, 2023, 16, 1485-1504.	3.2	29
329	Blockchain-Enabled Approach for Big Data Processing in Edge Computing. IEEE Internet of Things Journal, 2022, 9, 18473-18486.	5.5	8

#	ARTICLE	IF	CITATIONS
330	Intmidad: A Reference Architecture and a Case Study on Developing Distributed AI Services for Skin Disease Diagnosis over Cloud, Fog and Edge. <i>Sensors</i> , 2022, 22, 1854.	2.1	19
331	Intelligent resource management at the network edge using content delivery networks. <i>Enterprise Information Systems</i> , 0, , 1-21.	3.3	2
332	A federated binarized neural network model for constrained devices in IoT healthcare services. , 2022, , .		1
333	DDPG-Edge-Cloud: A Deep-Deterministic Policy Gradient based Multi-Resource Allocation in Edge-Cloud System. , 2022, , .		3
334	Sleeping Cell Detection for Resiliency Enhancements in 5G/B5G Mobile Edge-Cloud Computing Networks. <i>ACM Transactions on Sensor Networks</i> , 2022, 18, 1-30.	2.3	3
335	FogDLearner: A Deep Learning-based Cardiac Health Diagnosis Framework using Fog Computing. , 2022, , .		6
336	An Edge Computing Towards Smart Applications: A Survey. <i>Recent Advances in Computer Science and Communications</i> , 2022, 15, .	0.5	0
337	A Systematic Literature Review on Distributed Machine Learning in Edge Computing. <i>Sensors</i> , 2022, 22, 2665.	2.1	28
338	Revenue maximization approaches in IaaS clouds: Research challenges and opportunities. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, .	2.6	1
339	Application of meta-learning in cyberspace security: a survey. <i>Digital Communications and Networks</i> , 2023, 9, 67-78.	2.7	12
340	AI on the edge: a comprehensive review. <i>Artificial Intelligence Review</i> , 2022, 55, 6125-6183.	9.7	17
341	FILM: Filtering and Machine Learning for Malware Detection in Edge Computing. <i>Sensors</i> , 2022, 22, 2150.	2.1	7
342	Financial Asset Risk Measurement Based on Smart Sensor Big Data Security Analysis and Bayesian Posterior Probability Model. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-12.	0.8	1
343	Dynamic QoS/QoE-aware reliable service composition framework for edge intelligence. <i>Cluster Computing</i> , 2022, 25, 1695-1713.	3.5	8
344	Research on the Construction Model of 5G Special Town Based on Edge Computing. <i>Scientific Programming</i> , 2022, 2022, 1-11.	0.5	0
345	Learning from data streams for automation and orchestration of 6G industrial IoT: toward a semantic communication framework. <i>Neural Computing and Applications</i> , 2022, 34, 15197-15206.	3.2	4
346	Optimization of Music Teaching Management System for College Students Based on Similarity Distribution Method. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-11.	0.6	2
347	An adaptive access control scheme based on trust degrees for edge computing. <i>Computer Standards and Interfaces</i> , 2022, 82, 103640.	3.8	10

#	ARTICLE	IF	CITATIONS
348	Benchmark Analysis of YOLO Performance on Edge Intelligence Devices. <i>Cryptography</i> , 2022, 6, 16.	1.4	25
349	Special Section on Edge-AI for Connected Living. <i>ACM Transactions on Internet Technology</i> , 2022, 22, 1-3.	3.0	0
350	IoT Regression Techniques In Smart Parking Systems: Survey. , 2021, , .		3
351	Automatic executable code generation for DNN accelerator ReNA. , 2021, , .		0
352	Exploring Edge Computing for Gait Recognition. , 2021, , .		0
353	A Fusion Architecture Model for Human Activity Recognition. , 2021, , .		1
354	Engineering and Experimentally Benchmarking a Serverless Edge Computing System. , 2021, , .		5
355	HybridEI: Smartly Face Detection System in Resource Constrained Edge Environment. , 2021, , .		1
356	ODLIE: On-Demand Deep Learning Framework for Edge Intelligence in Industrial Internet of Things. , 2021, , .		7
357	Practical Attestation for Edge Devices Running Compute Heavy Machine Learning Applications. , 2021, , .		0
358	Blockchain and 6G-Based Supply Chain Management Framework for Oil and Gas Shipment. , 2021, , .		0
359	Dynamic Service Recommendation Using Lightweight BERT-based Service Embedding in Edge Computing. , 2021, , .		0
360	TPA based content popularity prediction for caching and routing in edge-cloud cooperative network. , 2021, , .		2
361	Trustworthy Cooperative UAV-Based Data Management in Densely Crowded Environments. <i>IEEE Communications Standards Magazine</i> , 2021, 5, 18-24.	3.6	6
362	Toward the Integration of UAVs' Services into the Cloud. <i>IEEE Communications Standards Magazine</i> , 2021, 5, 25-32.	3.6	3
363	Fogcached-Ros: DRAM/NVMM Hybrid KVS Server with ROS Based Extension for ROS Application and SLAM Evaluation. <i>IEICE Transactions on Information and Systems</i> , 2021, E104.D, 2097-2108.	0.4	0
364	Intrusion Detection Systems for Industrial Internet of Things: A Survey. , 2021, , .		4
365	iCOS: A Deep Reinforcement Learning Scheme for Wireless-Charged MEC Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 7739-7750.	3.9	1

#	ARTICLE	IF	CITATIONS
366	A Differentially Private Federated Learning Model against Poisoning Attacks in Edge Computing. IEEE Transactions on Dependable and Secure Computing, 2022, , 1-1.	3.7	13
367	An Implementation Method Using Cut-Off Bits for Restricted Boltzmann Machines Without Random Number Generators. IEEE Access, 2022, 10, 42791-42801.	2.6	0
368	DRL based offloading of industrial IoT applications in wireless powered mobile edge computing. IET Communications, 2022, 16, 951-962.	1.5	7
369	Applications and Techniques for Fast Machine Learning in Science. Frontiers in Big Data, 2022, 5, 787421.	1.8	20
370	Role of Machine Learning and Deep Learning in Internet of Things enabled Smart Cities. Internet of Things, 2022, , 1-30.	1.3	3
371	AI cardiologist at the edge. , 2022, , 469-477.		3
372	Next-Generation Edge Computing Assisted Autonomous Driving Based Artificial Intelligence Algorithms. IEEE Access, 2022, 10, 53987-54001.	2.6	4
373	Conet: Borderless and Decentralized Server Cooperation in Edge Computin G. SSRN Electronic Journal, 0, , .	0.4	0
374	MotiLearn: Contract-Based Incentive Mechanism for Heterogeneous Edge Collaborative Training. IEEE Transactions on Network Science and Engineering, 2022, 9, 2895-2909.	4.1	0
375	Resource-Aware Classification via Model Management Enabled Data Stream Optimization. , 2022, , .		1
376	Fograph: Enabling Real-Time Deep Graph Inference with Fog Computing. , 2022, , .		5
377	Heterogeneous Network Access and Fusion in Smart Factory: A Survey. ACM Computing Surveys, 2023, 55, 1-31.	16.1	4
378	Construction of Smart Grid Load Forecast Model by Edge Computing. Energies, 2022, 15, 3028.	1.6	1
379	Artificial Intelligence in the IoT Era: A Review of Edge AI Hardware and Software. , 2022, , .		14
380	Deep reinforcement learning based edge computing for video processing. ICT Express, 2023, 9, 433-438.	3.3	2
381	Collaborative Object Detectors Adaptive to Bandwidth and Computation. , 2022, , .		2
382	Automatic Scoring of Spoken English Based Principal Component Analysis and Convolutional Neural Network. Wireless Communications and Mobile Computing, 2022, 2022, 1-9.	0.8	1
383	Online Scheduling Unbiased Distributed Learning over Wireless Edge Networks. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
384	JointCS: Joint Search for Deep Model Compression and Segmentation on Heterogeneous IoT Devices. , 2021, , .		0
385	Internet of Intelligence: A Survey on the Enabling Technologies, Applications, and Challenges. IEEE Communications Surveys and Tutorials, 2022, 24, 1394-1434.	24.8	20
386	A survey on deep learning for cybersecurity: Progress, challenges, and opportunities. Computer Networks, 2022, 212, 109032.	3.2	35
387	Ubi-Flex-Cloud: ubiquitous flexible cloud computing: status quo and research imperatives. Applied Computing and Informatics, 2022, ahead-of-print, .	3.7	3
388	Modeling on Energy-Efficiency Computation Offloading Using Probabilistic Action Generating. IEEE Internet of Things Journal, 2022, 9, 20681-20692.	5.5	3
389	A Survey of State-of-the-art on Edge Computing: Theoretical Models, Technologies, Directions, and Development Paths. IEEE Access, 2022, 10, 54038-54063.	2.6	7
390	Machine learning techniques in emerging cloud computing integrated paradigms: A survey and taxonomy. Journal of Network and Computer Applications, 2022, 205, 103419.	5.8	27
391	FLEE: A Hierarchical Federated Learning Framework for Distributed Deep Neural Network over Cloud, Edge, and End Device. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-24.	2.9	6
392	Task Offloading for Deep Learning Empowered Automatic Speech Analysis in Mobile Edge-Cloud Computing Networks. IEEE Transactions on Cloud Computing, 2023, 11, 1985-1998.	3.1	2
393	FitNN: A Low-Resource FPGA-Based CNN Accelerator for Drones. IEEE Internet of Things Journal, 2022, 9, 21357-21369.	5.5	10
394	Edge-Cloud Polarization and Collaboration: A Comprehensive Survey for AI. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	4.0	12
395	Deep Learning-Based Dynamic Computation Task Offloading for Mobile Edge Computing Networks. Sensors, 2022, 22, 4088.	2.1	15
396	Development and prospect of the nodal cable-free seismograph: a review. Measurement Science and Technology, 2022, 33, 102001.	1.4	4
397	From ideas to entrepreneurial opportunity: A study on AI. Systems Research and Behavioral Science, 2022, 39, 618-632.	0.9	3
398	MEC-Based Dynamic Controller Placement in SD-IoV: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 10044-10058.	3.9	13
399	A Posit Based Multiply-accumulate Unit with Small Quire Size for Deep Neural Networks. IPSJ Transactions on System LSI Design Methodology, 2022, 15, 16-19.	0.5	2
400	Analyzing the Scientific Evolution of Face Recognition Research and Its Prominent Subfields. IEEE Access, 2022, 10, 68175-68201.	2.6	3
401	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.	3.1	3

#	ARTICLE	IF	CITATIONS
402	Next-generation 5G fusion-based intelligent health-monitoring platform for ethylene cracking furnace tube. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 9168-9199.	1.0	1
403	EdgeMatrix: A Resources Redefined Edge-Cloud System for Prioritized Services. , 2022, , .		3
404	Sparse Communication for Federated Learning. , 2022, , .		2
405	Edge AI and Blockchain for Smart Sustainable Cities: Promise and Potential. <i>Sustainability</i> , 2022, 14, 7609.	1.6	24
406	Data management framework for IoT edge-cloud architecture for resource-constrained IoT application. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 1093-1103.	0.5	2
407	Scheduling IoT Applications in Edge and Fog Computing Environments: A Taxonomy and Future Directions. <i>ACM Computing Surveys</i> , 2023, 55, 1-41.	16.1	30
408	Entropy-based Reinforcement Learning for computation offloading service in software-defined multi-access edge computing. <i>Future Generation Computer Systems</i> , 2022, 136, 241-251.	4.9	14
409	Estimating crowd density with edge intelligence based on lightweight convolutional neural networks. <i>Expert Systems With Applications</i> , 2022, 206, 117823.	4.4	15
410	A Review of Intelligent Computation Offloading in Multiaccess Edge Computing. <i>IEEE Access</i> , 2022, 10, 71481-71495.	2.6	12
411	Integrating Edge Intelligence and Blockchain: What, Why, and How. <i>IEEE Communications Surveys and Tutorials</i> , 2022, 24, 2193-2229.	24.8	13
412	TreeNet Based Fast Task Decomposition for Resource-Constrained Edge Intelligence. <i>IEEE Transactions on Services Computing</i> , 2022, , 1-13.	3.2	1
413	Green Heterogeneous Computing Powers Allocation Using Reinforcement Learning in SDN-IoV. <i>IEEE Transactions on Green Communications and Networking</i> , 2022, , 1-1.	3.5	0
414	Lyapunov-Based Optimization of Edge Resources for Energy-Efficient Adaptive Federated Learning. <i>IEEE Transactions on Green Communications and Networking</i> , 2023, 7, 265-280.	3.5	9
416	Systems Bias in Federated Learning. , 2022, , 259-278.		1
419	Spiking Neural Networks-Inspired Signal Detection Based on Measured Body Channel Response. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-16.	2.4	3
420	Online Machine Learning for Auto-Scaling Processing Services in the Edge Computing Environment. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
421	Surveillance video analysis and compression based on edge computing. , 2022, , .		0
422	Hybrid Learning for Orchestrating Deep Learning Inference in Multi-user Edge-cloud Networks. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
423	On Edge Coordination in Highly Dynamic Cyber-Physical Systems for Emergency Response. , 2022, , .		2
424	AI-Aided Integrated Terrestrial and Non-Terrestrial 6G Solutions for Sustainable Maritime Networking. IEEE Network, 2022, 36, 183-190.	4.9	15
425	Federated recommenders: methods, challenges and future. Cluster Computing, 2022, 25, 4075-4096.	3.5	7
426	A Review of Research on Artificial Intelligence Life Cycle Based on Bibliometrics. Frontiers in Business, Economics and Management, 2022, 4, 129-137.	0.1	1
427	Computing in the Sky: A Survey on Intelligent Ubiquitous Computing for UAV-Assisted 6G Networks and Industry 4.0/5.0. Drones, 2022, 6, 177.	2.7	54
428	Single-layer vision transformers for more accurate early exits with less overhead. Neural Networks, 2022, 153, 461-473.	3.3	13
429	What is Semantic Communication? A View on Conveying Meaning in the Era of Machine Intelligence. Journal of Communications and Information Networks, 2021, 6, 336-371.	3.5	63
430	Implementation of a bio-inspired neural architecture for autonomous vehicle on a reconfigurable platform. , 2022, , .		1
431	Non-Intrusive Load Monitoring Using Gramian Angular Field Color Encoding in Edge Computing. Chinese Journal of Electronics, 2022, 31, 595-603.	0.7	6
432	An Optimization Method for Integrating Educational Information Resources Based on Edge Computing. Journal of Sensors, 2022, 2022, 1-12.	0.6	2
433	Online scheduling algorithms for unbiased distributed learning over wireless edge networks. Journal of Systems Architecture, 2022, 131, 102673.	2.5	2
434	Edge computing. Computing (Vienna/New York), 2022, 104, 2711-2747.	3.2	11
435	FedMP: Federated Learning through Adaptive Model Pruning in Heterogeneous Edge Computing. , 2022, , .		6
436	Hardening Hardware Accelerator Based CNN Inference Phase Against Adversarial Noises. , 2022, , .		1
437	ECBA-MLI: Edge Computing Benchmark Architecture for Machine Learning Inference. , 2022, , .		2
438	Edge Computing with Artificial Intelligence: A Machine Learning Perspective. ACM Computing Surveys, 2023, 55, 1-35.	16.1	54
439	Understanding and Applying Deep Learning. Neural Computation, 0, , 1-22.	1.3	0
440	Pervasive AI for IoT Applications: A Survey on Resource-Efficient Distributed Artificial Intelligence. IEEE Communications Surveys and Tutorials, 2022, 24, 2366-2418.	24.8	29

#	ARTICLE	IF	CITATIONS
441	Lyapunov Optimization Based Mobile Edge Computing for Internet of Vehicles Systems. IEEE Transactions on Communications, 2022, 70, 7418-7433.	4.9	7
442	BenchFaaS: Benchmarking Serverless Functions in an Edge Computing Network Testbed. IEEE Network, 2023, 37, 81-88.	4.9	2
443	Resource Orchestration at the Edge: Intelligent Management of mmWave RAN and Gaming Application QoE Enhancement. IEEE Transactions on Network and Service Management, 2023, 20, 385-399.	3.2	0
444	New Bridge to Cloud: An Ultra-Dense LEO Assisted Green Computation Offloading Approach. IEEE Transactions on Green Communications and Networking, 2023, 7, 552-564.	3.5	3
445	Overview of Edge Intelligence and Blockchain. Wireless Networks, 2022, , 9-31.	0.3	0
446	Machine and Deep Learning for Resource Allocation in Multi-Access Edge Computing: A Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 2449-2494.	24.8	19
447	Balancing QoS and Security in the Edge: Existing Practices, Challenges, and 6G Opportunities With Machine Learning. IEEE Communications Surveys and Tutorials, 2022, 24, 2419-2448.	24.8	17
448	Deep Reinforcement Learning for Mobile Edge Computing Systems. Wireless Networks, 2022, , 175-201.	0.3	0
449	Federated Learning at Mobile Edge Networks: A Tutorial. Wireless Networks, 2022, , 1-51.	0.3	1
450	Cross-Level Dependability Assessment With a Distributed Split Mechanism for Wireless Communication Systems. IEEE Transactions on Network Science and Engineering, 2022, , 1-11.	4.1	0
451	Dynamic Data Collection and Neural Architecture Search for Wireless Edge Intelligence Systems. IEEE Transactions on Wireless Communications, 2023, 22, 688-703.	6.1	2
452	Memristive Fast-Canny Operation for Edge Detection. IEEE Transactions on Electron Devices, 2022, 69, 6043-6048.	1.6	2
453	Edge Computing for Internet of Everything: A Survey. IEEE Internet of Things Journal, 2022, 9, 23472-23485.	5.5	50
454	AI-Bazaar: A Cloud-Edge Computing Power Trading Framework for Ubiquitous AI Services. IEEE Transactions on Cloud Computing, 2022, , 1-13.	3.1	8
455	Characterizing User Association Patterns for Optimizing Small-Cell Edge System Performance. IEEE Network, 2023, 37, 210-217.	4.9	4
456	Fusion of IoT, AI, Edge "Fog" Cloud, and Blockchain: Challenges, Solutions, and a Case Study in Healthcare and Medicine. IEEE Internet of Things Journal, 2023, 10, 3686-3705.	5.5	16
457	A Soft RISC-V Vector Processor for Edge-AI. , 2022, , .		3
458	Unsupervised Data Splitting Scheme for Federated Edge Learning in IoT Networks. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
459	Taking ROCKET on an Efficiency Mission: Multivariate Time Series Classification with LightWaveS. , 2022, , .		4
460	A Fuzzy Logic based Offloading System for Distributed Deep Learning in Wireless Sensor Networks. , 2022, , .		0
461	Deep Reinforcement Learning Based Computation Offloading in SWIPT-assisted MEC Networks. , 2022, , .		1
462	Drift-Aware Edge Intelligence for Remaining Useful Life Prediction in Industrial Internet of Things. , 2022, , .		0
463	Policy Gradient based Channel Resource Allocation Strategy. , 2022, , .		0
464	Smart retrofitting in maintenance: a systematic literature review. Journal of Intelligent Manufacturing, 2023, 34, 1-19.	4.4	8
465	Artificial Intelligence Service by Satellite Networks based on Ensemble Learning with Cloud-Edge-End Integration. , 2022, , .		0
466	Energy-saving Service Offloading for the Internet of Medical Things Using Deep Reinforcement Learning. ACM Transactions on Sensor Networks, 2023, 19, 1-20.	2.3	3
467	Intelligent Logistics System Design and Supply Chain Management under Edge Computing and Internet of Things. Computational Intelligence and Neuroscience, 2022, 2022, 1-12.	1.1	4
468	Optimization of Edge Resources for Deep Learning Application with Batch and Model Management. Sensors, 2022, 22, 6717.	2.1	5
469	Geryon. , 2022, 6, 1-27.		5
470	Federated Learning for Edge Computing: A Survey. Applied Sciences (Switzerland), 2022, 12, 9124.	1.3	21
471	A lightweight U-net for ECG denoising using knowledge distillation. Physiological Measurement, 2022, 43, 115004.	1.2	0
472	A dynamic random testing strategy in the context of cloud computing. Software Quality Journal, 0, , .	1.4	0
473	Towards edge devices implementation: deep learning model with visualization for COVID-19 prediction from chest X-ray. Advances in Computational Intelligence, 2022, 2, .	0.7	2
474	Graph Neural Networks in IoT: A Survey. ACM Transactions on Sensor Networks, 2023, 19, 1-50.	2.3	17
475	Digital twin driven and intelligence enabled content delivery in end-edge-cloud collaborative 5G networks. Digital Communications and Networks, 2022, , .	2.7	3
476	ARES: Adaptive Resource-Aware Split Learning for Internet of Things. Computer Networks, 2022, 218, 109380.	3.2	13

#	ARTICLE	IF	CITATIONS
477	Model-Driven Engineering in Digital Thread Platforms: A Practical Use Case and Future Challenges. Lecture Notes in Computer Science, 2022, , 195-207.	1.0	1
478	Edge Computing for Critical Infrastructure Delay Sensitive Applications: Current Trends and Future Directions. , 2022, , .		0
479	A Game Theoretical Balancing Approach for Offloaded Tasks in Edge Datacenters. , 2022, , .		4
480	EaaS: A Service-Oriented Edge Computing Framework Towards Distributed Intelligence. , 2022, , .		7
481	Energy-Based Analog Neural Network Framework. , 2022, , .		1
482	Securing Smart Home Environment Using Edge Computing. , 2022, , .		1
483	A Spiking Neural Network Based Wind Power Forecasting Model for Neuromorphic Devices. Energies, 2022, 15, 7256.	1.6	5
484	A coupling optimization method of production scheduling and computation offloading for intelligent workshops with cloud-edge-terminal architecture. Journal of Manufacturing Systems, 2022, 65, 421-438.	7.6	8
485	Quantized Semantic Segmentation Deep Architecture for Deployment on an Edge Computing Device for Image Segmentation. Electronics (Switzerland), 2022, 11, 3561.	1.8	5
486	Resource management at the network edge for federated learning. Digital Communications and Networks, 2022, , .	2.7	5
487	In-network placement of delay-constrained computing tasks in a softwarized intelligent edge. Computer Networks, 2022, 219, 109432.	3.2	5
489	Leveraging IoT-Aware Technologies and AI Techniques for Real-Time Critical Healthcare Applications. Sensors, 2022, 22, 7675.	2.1	19
490	Paralinguistic Privacy Protection at the Edge. ACM Transactions on Privacy and Security, 2023, 26, 1-27.	2.2	0
491	Edge Intelligence with Distributed Processing of DNNs: A Survey. CMES - Computer Modeling in Engineering and Sciences, 2023, .	0.8	0
492	A Full Dive Into Realizing the Edge-Enabled Metaverse: Visions, Enabling Technologies, and Challenges. IEEE Communications Surveys and Tutorials, 2023, 25, 656-700.	24.8	116
493	A Survey on Mobile Edge Computing for Video Streaming: Opportunities and Challenges. IEEE Access, 2022, 10, 120514-120550.	2.6	20
494	SOCNet: A Lightweight and Fine-Grained Object Recognition Network for Satellite On-Orbit Computing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	6
495	Simple Bounds on Delay-Constrained Capacity and Delay-Violation Probability of Joint Queue and Channel-Aware Wireless Transmissions. IEEE Transactions on Wireless Communications, 2023, 22, 2744-2759.	6.1	1

#	ARTICLE	IF	CITATIONS
496	Distributed Artificial Intelligence Empowered by End-Edge-Cloud Computing: A Survey. IEEE Communications Surveys and Tutorials, 2023, 25, 591-624.	24.8	34
497	Efficient Revenue-Based MEC Server Deployment and Management in Mobile Edge-Cloud Computing. IEEE/ACM Transactions on Networking, 2023, 31, 1449-1462.	2.6	1
498	Towards Enabling Dynamic Convolution Neural Network Inference for Edge Intelligence. , 2022, , .		2
499	Poisoning Attack against Online Regression Learning with Maximum Loss for Edge Intelligence. , 2022, , .		0
500	Online machine learning for auto-scaling in the edge computing. Pervasive and Mobile Computing, 2022, 87, 101722.	2.1	3
501	Cloud Detection Autonomous System Based on Machine Learning and COTS Components On-Board Small Satellites. Remote Sensing, 2022, 14, 5597.	1.8	3
502	A Construction Method of Hybrid Wireless Link Topology VDCell. Journal of Physics: Conference Series, 2022, 2371, 012008.	0.3	0
503	FLAGS framework for comparative analysis of Federated Learning algorithms. Internet of Things (Netherlands), 2022, 20, 100638.	4.9	2
504	Artificial Intelligence, Sensors and Vital Health Signs: A Review. Applied Sciences (Switzerland), 2022, 12, 11475.	1.3	4
505	Distributed resource scheduling in edge computing: Problems, solutions, and opportunities. Computer Networks, 2022, 219, 109430.	3.2	4
506	Communication-efficient semi-synchronous hierarchical federated learning with balanced training in heterogeneous IoT edge environments. Internet of Things (Netherlands), 2023, 21, 100642.	4.9	5
507	A survey of mobility-aware Multi-access Edge Computing: Challenges, use cases and future directions. Ad Hoc Networks, 2023, 140, 103044.	3.4	17
508	Lightweight Deep Learning Model for Radar-Based Fall Detection With Metric Learning. IEEE Internet of Things Journal, 2023, 10, 8111-8122.	5.5	3
509	Progressive Feature Transmission for Split Classification at the Wireless Edge. IEEE Transactions on Wireless Communications, 2023, 22, 3837-3852.	6.1	2
510	AI-Empowered Fast Task Execution Decision for Delay-Sensitive IoT Applications in Edge Computing Networks. IEEE Access, 2023, 11, 1324-1334.	2.6	1
511	Reinforcement Learning Based Energy-Efficient Collaborative Inference for Mobile Edge Computing. IEEE Transactions on Communications, 2023, 71, 864-876.	4.9	8
512	QoS-oriented Hybrid Service Scheduling in Edge-Cloud Collaborated Clusters. Lecture Notes in Computer Science, 2022, , 468-480.	1.0	0
513	Synchronous Federated Learning Latency Optimization Based on Model Splitting. Lecture Notes in Computer Science, 2022, , 495-506.	1.0	0

#	ARTICLE	IF	CITATIONS
514	JMDC: A joint model and data compression system for deep neural networks collaborative computing in edge-cloud networks. <i>Journal of Parallel and Distributed Computing</i> , 2023, 173, 83-93.	2.7	2
515	Multi-agent deep reinforcement learning for online request scheduling in edge cooperation networks. <i>Future Generation Computer Systems</i> , 2023, 141, 258-268.	4.9	3
516	Secure Computation Offloading for Marine IoT: An Energy-Efficient Design via Cooperative Jamming. <i>IEEE Transactions on Vehicular Technology</i> , 2022, , 1-15.	3.9	0
517	Parameter-Efficient Federated Learning for Edge Computing with End Devices Resource Limitation. , 2022, , .		0
518	Occupancy Prediction in Buildings: An approach leveraging LSTM and Federated Learning. , 2022, , .		7
519	Semantic Communication Meets Edge Intelligence. <i>IEEE Wireless Communications</i> , 2022, 29, 28-35.	6.6	23
520	Federated Deep Reinforcement Learning-Based Caching and Bitrate Adaptation for VR Panoramic Video in Clustered MEC Networks. <i>Electronics (Switzerland)</i> , 2022, 11, 3968.	1.8	2
521	An Energy-Efficient Method for Recurrent Neural Network Inference in Edge Cloud Computing. <i>Symmetry</i> , 2022, 14, 2524.	1.1	1
522	A Review of Emerging Technologies for IoT-Based Smart Cities. <i>Sensors</i> , 2022, 22, 9271.	2.1	21
523	When machine learning meets Network Management and Orchestration in Edge-based networking paradigms. <i>Journal of Network and Computer Applications</i> , 2023, 212, 103558.	5.8	11
524	Spike-Event X-ray Image Classification for 3D-NoC-Based Neuromorphic Pneumonia Detection. <i>Electronics (Switzerland)</i> , 2022, 11, 4157.	1.8	2
525	Work-in-Progress: Real-Time On-board Processing for Cloud Detection in FACSAT-2 Multispectral Satellite Imagery. , 2022, , .		0
526	Opt-Colnfer: Optimal Collaborative Inference across IoT and Cloud for Fast and Accurate CNN Inference. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, , .	2.7	0
527	Remote Monitoring and Maintenance for Equipment and Production Lines on Industrial Internet: A Literature Review. <i>Machines</i> , 2023, 11, 12.	1.2	4
528	Fog Computing, Cloud Computing and IoT Environment: Advanced Broker Management System. <i>Journal of Sensor and Actuator Networks</i> , 2022, 11, 84.	2.3	9
529	LiveDewStream: A stream processing platform for running in-lab distributed deep learning inferences on smartphone clusters at the edge. <i>SoftwareX</i> , 2022, 20, 101268.	1.2	0
531	In-network Placement of Reusable Computing Tasks in an SDN-based Network Edge. <i>IEEE Transactions on Mobile Computing</i> , 2023, , 1-16.	3.9	2
532	Joint DNN Partition and Resource Allocation for Task Offloading in Edge-Cloud-Assisted IoT Environments. <i>IEEE Internet of Things Journal</i> , 2023, 10, 10146-10159.	5.5	4

#	ARTICLE	IF	CITATIONS
533	Communication Technologies for Edge Learning and Inference: A Novel Framework, Open Issues, and Perspectives. IEEE Network, 2022, , 1-7.	4.9	0
534	Cloud-Edge Collaboration Dynamics Information Dissemination Model for Social Internet of Things. IEEE Transactions on Network Science and Engineering, 2023, 10, 1905-1918.	4.1	1
535	Enabling All In-Edge Deep Learning: A Literature Review. IEEE Access, 2023, 11, 3431-3460.	2.6	5
536	<i>Sublessor:</i> A Cost-Saving Internet Transit Mechanism for Cooperative MEC Providers in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2023, 19, 9855-9866.	7.2	0
537	Towards Post-disaster Damage Assessment using Deep Transfer Learning and GAN-based Data Augmentation. , 2023, , .		1
538	HRL-Edge-Cloud: Multi-Resource Allocation in Edge-Cloud based Smart-StreetScape System using Heuristic Reinforcement Learning. Information Systems Frontiers, 0, , .	4.1	3
539	An Artificial Intelligence-as-a-Service Architecture for deep learning model embodiment on low-cost devices: A case study of COVID-19 diagnosis. Applied Soft Computing Journal, 2023, 134, 110014.	4.1	3
540	Partition Placement and Resource Allocation for Multiple DNN-Based Applications in Heterogeneous IoT Environments. IEEE Internet of Things Journal, 2023, 10, 9836-9848.	5.5	2
541	An Efficient Algorithm-Hardware Co-Design for Radar-Based Fall Detection With Multi-Branch Convolutions. IEEE Transactions on Circuits and Systems I: Regular Papers, 2023, 70, 1613-1624.	3.5	1
542	A Random Forest Approach to Body Motion Detection: Multisensory Fusion and Edge Processing. IEEE Sensors Journal, 2023, 23, 3801-3814.	2.4	7
543	Joint Offloading Decision and Trajectory Design for UAV-Enabled Edge Computing With Task Dependency. IEEE Transactions on Wireless Communications, 2023, 22, 5043-5055.	6.1	3
544	Multi-tier Edge Computing for Partitioned Neural Network. , 2022, , .		0
545	SNAP: Selective NTV Heterogeneous Architectures for Power-Efficient Edge Computing. , 2022, , .		0
546	Proposal of an edge device framework for abstracting sensor and camera devices. , 2022, , .		0
547	A Two-Stage Energy Anomaly Detection for Edge-based Building Internet of Things (BloT) Applications. , 2022, , .		1
548	Towards Resource-aware DNN Partitioning for Edge Devices with Heterogeneous Resources. , 2022, , .		4
549	Elastic Optimized Edge Federated Learning. , 2022, , .		0
550	A Practical way to Handle Service Migration of ML-based Applications in Industrial Analytics. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
551	Propagable Backdoors over Blockchain-based Federated Learning via Sample-Specific Eclipse. , 2022, , .		2
552	HBCA: A Toolchain for High-Accuracy Branch-Fused CNN Accelerator on FPGA with Dual-Decimal-Fused Technique. Electronics (Switzerland), 2023, 12, 192.	1.8	0
554	StAln: Stealthy Avenues of Attacks on Horizontally Collaborated Convolutional Neural Network Inference and Their Mitigation. IEEE Access, 2023, 11, 10520-10534.	2.6	2
555	RTCInfer: Real-Time Collaborative CNN Inference for Stream Analytics on Ubiquitous Images. IEEE Journal on Selected Areas in Communications, 2023, 41, 1212-1226.	9.7	2
556	Energy-Efficient Task Offloading for Three-Tier Wireless-Powered Mobile-Edge Computing. IEEE Internet of Things Journal, 2023, 10, 10400-10412.	5.5	7
557	Joint UAV deployment, SF placement, and collaborative task scheduling in heterogeneous multi-UAV-empowered edge intelligence. IET Communications, 0, , .	1.5	1
558	Online-learning task scheduling with GNN-RL scheduler in collaborative edge computing. Cluster Computing, 2024, 27, 589-605.	3.5	0
559	Edge Computing on IoT for Machine Signal Processing and Fault Diagnosis: A Review. IEEE Internet of Things Journal, 2023, 10, 11093-11116.	5.5	27
560	MIMO Over-the-Air Computation for Distributed Estimation. Applied Sciences (Switzerland), 2023, 13, 1593.	1.3	1
561	Cooperative Task Offloading for Mobile Edge Computing Based on Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Network and Service Management, 2023, 20, 3205-3219.	3.2	3
562	Bit-Line Computing for CNN Accelerators Co-Design in Edge AI Inference. IEEE Transactions on Emerging Topics in Computing, 2023, 11, 358-372.	3.2	2
563	Seagull optimization algorithm based multi-objective VM placement in edge-cloud data centers. Internet of Things and Cyber-physical Systems, 2023, 3, 28-36.	4.6	8
564	Edge-MultiAI: Multi-Tenancy of Latency-Sensitive Deep Learning Applications on Edge. , 2022, , .		3
565	InstaVarjoLive: An Edge-Assisted 360 Degree Video Live Streaming for Virtual Reality Testbed. , 2022, , .		0
566	Computation and Communication Efficient Federated Learning With Adaptive Model Pruning. IEEE Transactions on Mobile Computing, 2024, 23, 2003-2021.	3.9	2
567	Multiagent Reinforcement Learning-Based Cooperative Multitype Task Offloading Strategy for Internet of Vehicles in 5G/6G Network. IEEE Internet of Things Journal, 2023, 10, 12248-12260.	5.5	1
568	Service Function Chain Scheduling in Heterogeneous Multi-UAV Edge Computing. Drones, 2023, 7, 132.	2.7	1
569	Energy-based analog neural network framework. Frontiers in Computational Neuroscience, 0, 17, .	1.2	0

#	ARTICLE	IF	CITATIONS
570	Secure Intrusion Detection by Differentially Private Federated Learning for Inter-Vehicle Networks. Transportation Research Record, 2023, 2677, 421-437.	1.0	2
571	Scalable anomaly-based intrusion detection for secure Internet of Things using generative adversarial networks in fog environment. Journal of Network and Computer Applications, 2023, 214, 103622.	5.8	5
572	Joint multi-user DNN partitioning and task offloading in mobile edge computing. Ad Hoc Networks, 2023, 144, 103156.	3.4	6
573	Review on security of federated learning and its application in healthcare. Future Generation Computer Systems, 2023, 144, 271-290.	4.9	21
574	An efficient edge computing management mechanism for sustainable smart cities. Sustainable Computing: Informatics and Systems, 2023, 38, 100867.	1.6	11
575	Domain Generalization on Constrained Platforms: On the Compatibility with Pruning Techniques. Lecture Notes in Computer Science, 2022, , 250-261.	1.0	0
576	A multi-aerial base station assisted joint computation offloading algorithm based on D3QN in edge VANETs. Ad Hoc Networks, 2023, 142, 103098.	3.4	1
577	Mobility-Aware Offloading and Resource Allocation Strategies in MEC Network Based on Game Theory. Wireless Communications and Mobile Computing, 2023, 2023, 1-12.	0.8	4
578	Horizontally Distributed Inference of Deep Neural Networks for AI-Enabled IoT. Sensors, 2023, 23, 1911.	2.1	4
579	Embedded Federated Learning for VANET Environments. Applied Sciences (Switzerland), 2023, 13, 2329.	1.3	2
580	How can applications of blockchain and artificial intelligence improve performance of Internet of Things? A survey. Computer Networks, 2023, 224, 109634.	3.2	8
581	Management and Orchestration of Edge Computing for IoT: A Comprehensive Survey. IEEE Internet of Things Journal, 2023, 10, 14307-14331.	5.5	5
583	Cost-Efficient Sharing Algorithms for DNN Model Serving in Mobile Edge Networks. IEEE Transactions on Services Computing, 2023, 16, 2517-2531.	3.2	2
584	Research on Cloud-Edge Collaboration Based on Object Storage for Internet of Things. Lecture Notes in Electrical Engineering, 2023, , 96-103.	0.3	0
585	Blockchain-Enabled Secure Data Sharing Scheme in Wireless Communication. , 2022, , .		0
586	Applicability of Deep Reinforcement Learning for Efficient Federated Learning in Massive IoT Communications. Applied Sciences (Switzerland), 2023, 13, 3083.	1.3	10
587	Deep-Deterministic Policy Gradient Based Multi-Resource Allocation in Edge-Cloud System: A Distributed Approach. IEEE Access, 2023, 11, 20381-20398.	2.6	2
588	Disclosing Edge Intelligence: A Systematic Meta-Survey. Big Data and Cognitive Computing, 2023, 7, 44.	2.9	18

#	ARTICLE	IF	CITATIONS
589	Base Station Dataset-Assisted Broadband Over-the-Air Aggregation for Communication-Efficient Federated Learning. IEEE Transactions on Wireless Communications, 2023, 22, 7259-7272.	6.1	1
590	Blockchain-Based Continuous Knowledge Transfer in Decentralized Edge Computing Architecture. Electronics (Switzerland), 2023, 12, 1154.	1.8	3
591	Guest editorial: AI and edge computing driven technologies and applications. Digital Communications and Networks, 2023, 9, 448-449.	2.7	0
592	AI Edge Processing - A Review of Distributed Embedded Systems. , 2023, , .		1
593	Cost Minimization-Oriented Computation Offloading and Service Caching in Mobile Cloud-Edge Computing: An A3C-Based Approach. IEEE Transactions on Network Science and Engineering, 2023, 10, 1326-1338.	4.1	14
594	Efficient Resource Configuration and Bandwidth Allocation for IIoT with Edge-Cloud Computing. , 2022, , .		0
595	Joint Offloading Scheduling and Resource Allocation in Vehicular Edge Computing: A Two Layer Solution. IEEE Transactions on Vehicular Technology, 2023, 72, 3999-4009.	3.9	13
596	Edge computing driven sustainable development: A case study on professional farmer cultivation mechanism. Expert Systems, 0, , .	2.9	0
597	Location Privacy-Aware and Energy-Efficient Offloading for Distributed Edge Computing. IEEE Transactions on Wireless Communications, 2023, 22, 7975-7988.	6.1	0
598	Energy-Efficient Collaborative Inference in MEC: A Multi-Agent Reinforcement Learning Based Approach. , 2022, , .		0
599	Multilayer extreme learning machine: a systematic review. Multimedia Tools and Applications, 2023, 82, 40269-40307.	2.6	1
600	Edge computing-based digital management system of game events in the era of Internet of Things. Journal of Cloud Computing: Advances, Systems and Applications, 2023, 12, .	2.1	2
601	Cooperative computation offloading combined with data compression in mobile edge computing system. Journal of Supercomputing, 0, , .	2.4	0
602	Bringing intelligence to Edge/Fog in Internet of Thingsâ€based healthcare applications: Machine learning/deep learningâ€based use cases. International Journal of Communication Systems, 2023, 36, .	1.6	3
603	A Hybrid Stacked CNN and Residual Feedback GMDH-LSTM Deep Learning Model for Stroke Prediction Applied on Mobile AI Smart Hospital Platform. Sensors, 2023, 23, 3500.	2.1	11
604	Resource Management in Mobile Edge Computing: A Comprehensive Survey. ACM Computing Surveys, 2023, 55, 1-37.	16.1	2
605	Automated Federated Learning in Mobile-Edge Networksâ€Fast Adaptation and Convergence. IEEE Internet of Things Journal, 2023, 10, 13571-13586.	5.5	0
606	Fine-grained Cloud Edge Collaborative Dynamic Task Scheduling Based on DNN Layer-Partitioning. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
607	Energy-Efficient Approximate Edge Inference Systems. Transactions on Embedded Computing Systems, 2023, 22, 1-50.	2.1	1
608	Deep Meta Q-Learning Based Multi-Task Offloading in Edge-Cloud Systems. IEEE Transactions on Mobile Computing, 2024, 23, 2583-2598.	3.9	3
609	Benchmarking Neural Network Compression Techniques for Ocular-Based User Authentication on Smartphones. IEEE Access, 2023, 11, 36550-36565.	2.6	2
610	Resource Allocation for 5G Network Considering Privacy Protection in Edge Computing Environment. Journal of Circuits, Systems and Computers, 0, , .	1.0	0
611	An Efficient Sequential Embedding ConvNet for Rotating Machinery Intelligent Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-13.	2.4	3
612	A split-federated learning and edge-cloud based efficient and privacy-preserving large-scale item recommendation model. Journal of Cloud Computing: Advances, Systems and Applications, 2023, 12, .	2.1	0
613	Internet of Things: A Comprehensive Overview on Protocols, Architectures, Technologies, Simulation Tools, and Future Directions. Energies, 2023, 16, 3465.	1.6	12
614	Cooperative Task Execution for Object Detection in Edge Computing: An Internet of Things Application. Applied Sciences (Switzerland), 2023, 13, 4982.	1.3	2
615	Two-Level Scheduling Algorithms for Deep Neural Network Inference in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 9324-9343.	4.7	1
616	Structural redundancy reduction based efficient rotating for lightweight person re-identification. Information Sciences, 2023, 637, 118962.	4.0	3
617	A Convolution Neural Network-Based Approach for Metal Surface Roughness Evaluation. Current Materials Science, 2023, 16, .	0.2	0
618	Innovative Trends in the 6G Era: A Comprehensive Survey of Architecture, Applications, Technologies, and Challenges. IEEE Access, 2023, 11, 39824-39844.	2.6	32
627	eHealth: Enabling technologies, opportunities and challenges. Advances in Computers, 2023, , .	1.2	0
633	Enhancing the Security of Collaborative Deep Neural Networks: An Examination of the Effect of Low Pass Filters. , 2023, , .		0
635	Real-Time Distributed Information Sharing Platform for Novel Activities based on Cloud Collaborative Software. , 2023, , .		0
646	Implementation of Dynamic Acceleration Unit Exchange on a RISC-V Soft-Processor. Lecture Notes in Electrical Engineering, 2023, , 300-306.	0.3	1
647	Affordance Segmentation Using RGB-D Sensors for Application in Portable Embedded Systems. Lecture Notes in Electrical Engineering, 2023, , 109-116.	0.3	2
648	Dynamic Split Computing for Efficient Deep EDGE Intelligence. , 2023, , .		2

#	ARTICLE	IF	CITATIONS
655	Security Aware Resource Management Framework (SARMF) for Edge-Cloud Computing. , 2023, , .		0
659	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
660	An Examination of Virtualization Technologies for Enabling Intelligent Edge Computing. , 2023, , .		0
661	HDFL: A Heterogeneity and Client Dropout-Aware Federated Learning Framework. , 2023, , .		0
662	Running Virtual Services for the Intelligent Edge: A Review. , 2023, , .		0
664	Estimation of Air Quality Parameters using Lightweight Machine Learning on Low-cost Edge-IoT Architectures. , 2022, , .		0
667	Edge Learning-Based Efficient Data Imputation of Water Quality. Lecture Notes in Electrical Engineering, 2023, , 437-448.	0.3	0
669	Resources in IoT Through Bctechnology. , 2023, , .		0
672	Delving into Effective Gradient Matching for Dataset Condensation. , 2023, , .		5
673	Efficient Federated Learning with Adaptive Channel Pruning for Edge Devices. , 2022, , .		0
680	Modelling and Analysis of FPGA-based MPSoC System with Multiple DNN Accelerators. , 2023, , .		1
683	Scaling Deep-Learning Pneumonia Detection Inference on a Reconfigurable Self-Contained Hardware Platform. , 2023, , .		0
685	A Systematic Literature Review on the Adoption of Edge Computing for Sustainable Development. Lecture Notes in Computer Science, 2023, , 329-344.	1.0	0
689	Online Bargaining Scheme Based Dynamic Resource Allocation for Soft-Deadline Tasks in Edge Computing. , 2023, , .		0
693	DOSA: Organic Compilation for Neural Network Inference on Distributed FPGAs. , 2023, , .		0
697	Edge Computing and Network Softwarization for the Internet of Healthcare Things. Signals and Communication Technology, 2024, , 193-215.	0.4	0
699	A Momentum-Based Wireless Federated Learning Acceleration With Distributed Principle Decomposition. , 2023, , .		0
705	NeiLatS: Neighbor-Aware Latency-Sensitive Application Scheduling in Heterogeneous Cloud-Edge Environment. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
706	Cloud-Edge Intelligent Collaborative Computing Model Based on Transfer Learning in IoT. Communications in Computer and Information Science, 2023, , 389-403.	0.4	0
709	Online Task Offloading and Resource Allocation in Two-Tier Mobile-Edge Computing Network. , 2023, , .		0
713	CKN: An Edge AI Distributed Framework. , 2023, , .		0
717	Efficient Hardware Acceleration of Emerging Neural Networks for Embedded Machine Learning: An Industry Perspective. , 2024, , 121-172.		1
721	Edge-Centric Optimization of Multi-modal ML-Driven eHealth Applications. , 2024, , 95-125.		0
722	Task Offloading for Fog-Based Meta Networks: An Energy and Delay Aware Mechanism. , 2023, , .		0
724	Dynamic Involvement of Deep Learning and Big Data in Smart Cities. , 2023, , 87-107.		0
725	Evaluation of Pruning Techniques. , 2023, , .		0
726	Performance Investigations on Integrating Federated Learning with Future Networks. , 2023, , .		0
727	Task-Oriented Sensing, Computation, and Communication Integration for Multi-Device Edge AI. , 2023, , .		6
728	Energy-Efficient Scheduling in RIS-Aided MEC Networks for Collaborative Inference. , 2023, , .		0
733	Performance Analysis of Distributed Learning in Edge Computing on Handwritten Digits Dataset. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 159-169.	0.2	0
736	Optimizing Federated Learning Approach: Literature Survey and Open Points. , 2023, , .		0
739	Deep Optimization for Storage and Computation Over Industrial Internet. , 2023, , 79-99.		0
748	Scalable Resource Management for Dynamic MEC: An Unsupervised Link-Output Graph Neural Network Approach. , 2023, , .		2
749	Application of Machine Learning Algorithm in Cloud-to-edge Computing: Analysis and Limitations. , 2023, , .		0
751	Do DL models and training environments have an impact on energy consumption?. , 2023, , .		1
752	Reinforcement Learning-Guided Channel Selection Across Time for Multivariate Time Series Classification. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
755	Emerging Technologies for Edge Intelligent Computing Systems. SpringerBriefs in Computer Science, 2024, , 1-7.	0.2	0
761	JVAP: A Joint Video Acceleration Processing Architecture for Online Edge Systems. , 2023, , .		0
766	SE-DO: Navigating the 6G Frontier with Scalable and Efficient DevOps for Intelligent Agents Optimization. , 2024, , .		0
771	A Game Theory Based Task Offloading Scheme for Maximizing Social Welfare in Edge Computing. Lecture Notes in Computer Science, 2024, , 219-239.	1.0	0
772	Future Trends and Significant Solutions for Intelligent Computing Resource Management. Advances in Computational Intelligence and Robotics Book Series, 2024, , 187-208.	0.4	0
773	ECAvg: An Edge-Cloud Collaborative Learning Approach using Averaged Weights. , 2024, , .		0
775	Artificial Intelligence-Based Secure Edge Computing Systems for IoTds and Smart Cities: A Survey. EAI/Springer Innovations in Communication and Computing, 2024, , 155-173.	0.9	0
776	Expansion of AI and ML Breakthroughs in HPC with Shift to Edge Computing in Remote Environments. Series in Bioengineering, 2024, , 129-145.	0.3	0