

All one needs to know about fog computing and related complete survey

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Realizing Edge Computing Connectivity with Open Virtual Networking. , 2018, , .		0
2	Resource Allocation for Edge Computing in IoT Networks via Reinforcement Learning. , 2019, , .		56
3	Multi-Objective Service Provisioning in Fog: A Trade-Off Between Delay and Cost Using Goal Programming. , 2019, , .		2
4	Enabling the Orchestration of IoT Slices through Edge and Cloud Microservice Platforms. Sensors, 2019, 19, 2980.	3.8	33
5	A Micro-Level Compensation-Based Cost Model for Resource Allocation in a Fog Environment. Sensors, 2019, 19, 2954.	3.8	24
6	An intelligent, time-optimized monitoring scheme for edge nodes. Journal of Network and Computer Applications, 2019, 148, 102458.	9.1	7
7	A Framework for the Joint Placement of Edge Service Infrastructure and User Plane Functions for 5G. Sensors, 2019, 19, 3975.	3.8	28
8	Authentication Techniques and Methodologies used in Wireless Body Area Networks. Journal of Systems Architecture, 2019, 101, 101655.	4.3	32
9	What the Fog? Edge Computing Revisited: Promises, Applications and Future Challenges. IEEE Access, 2019, 7, 152847-152878.	4.2	41
10	On-Demand Computation Offloading Architecture in Fog Networks. Electronics (Switzerland), 2019, 8, 1076.	3.1	6
11	A Deadline-Aware Estimation of Distribution Algorithm for Resource Scheduling in Fog Computing Systems. , 2019, , .		15
12	A Power Management Approach to Reduce Energy Consumption for Edge Computing Servers. , 2019, , .		15
13	The Rise of Proximal Mobile Edge Servers. IT Professional, 2019, 21, 26-32.	1.5	9
14	Achlys: Towards a Framework for Distributed Storage and Generic Computing Applications for Wireless IoT Edge Networks with Lasp on GRISP. , 2019, , .		7
15	A Survey on Mobility-Induced Service Migration in the Fog, Edge, and Related Computing Paradigms. ACM Computing Surveys, 2020, 52, 1-33.	23.0	63
16	Resource Management in Fog/Edge Computing. ACM Computing Surveys, 2020, 52, 1-37.	23.0	242
17	Hybrid Clouds for Data-Intensive, 5G-Enabled IoT Applications: An Overview, Key Issues and Relevant Architecture. Sensors, 2019, 19, 3591.	3.8	36
18	Cloud-Assisted Model Predictive Control. , 2019, , .		16

#	ARTICLE	IF	CITATIONS
19	Exploring heterogeneous scheduling for edge computing with CPU and FPGA MPSoCs. Journal of Systems Architecture, 2019, 98, 27-40.	4.3	16
20	Towards a Formal Approach Based on Bigraphs for Fog Security: Case of Oil and Gas Refinery Plant. , 2019, , .		2
21	Maintaining Data Integrity in Fog Computing Based Critical Infrastructure Systems. , 2019, , .		8
22	Trust Evaluation of Service level Agreement for Service Providers in Mobile Edge Computing. , 2019, , .		4
23	Fog Computing in IoT Smart Environments via Named Data Networking: A Study on Service Orchestration Mechanisms. Future Internet, 2019, 11, 222.	3.8	9
24	Data Management Portfolio for Improvement of Privacy in Fog-to-cloud Computing Systems. , 2019, , .		5
26	On non-intrusive prediction of activities and behavior. , 2019, , .		0
27	Enabling High Performance Fog Computing through Fog-2-Fog Coordination Model. , 2019, , .		4
28	A Flexible/Scalable IoT Server Node testbed, from Gateway to Edge Computing. A Smart Home Use Case. , 2019, , .		1
29	Agent-based Plug and Produce Cyber-Physical Production System “ Test Case. , 2019, , .		8
30	A Holistic Study on Emerging IoT Networking Paradigms. , 2019, , .		0
31	Performance Analysis of a CNN Counting Application for Fog and Cloud Computing. , 2019, , .		1
32	Device-Enhanced MEC: Multi-Access Edge Computing (MEC) Aided by End Device Computation and Caching: A Survey. IEEE Access, 2019, 7, 166079-166108.	4.2	146
33	A Survey on Fog Programming. , 2019, , .		8
34	Towards Real-Time Edge Analytics - A Survey Literature Review of Real-Time Data Acquisition Evolution in the Upstream Oil and Gas Industry. , 2019, , .		1
35	Docker Enabled Virtualized Nanoservices for Local IoT Edge Networks. , 2019, , .		12
36	Guardians of the Deep Fog. , 2019, , .		10
37	Satellite IoT Edge Intelligent Computing: A Research on Architecture. Electronics (Switzerland), 2019, 8, 1247.	3.1	41

#	ARTICLE	IF	CITATIONS
38	Optimization of Network-Based Caching and Forwarding Using Mobile Edge Computing. IEEE Access, 2019, 7, 181855-181866.	4.2	2
39	Profit-aware coalition formation in fog computing providers: A game-theoretic approach. Concurrency Computation Practice and Experience, 2020, 32, e5220.	2.2	11
40	In Search of the Future Technologies: Fusion of Machine Learning, Fog and Edge Computing in the Internet of Things. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 278-285.	0.7	8
41	On the Design and Implementation of IP-over-P2P Overlay Virtual Private Networks. IEICE Transactions on Communications, 2020, E103.B, 2-10.	0.7	7
42	Fog-based smart homes: A systematic review. Journal of Network and Computer Applications, 2020, 153, 102531.	9.1	59
43	Simulating FogDirector Application Management. Simulation Modelling Practice and Theory, 2020, 101, 102021.	3.8	22
44	A comprehensive study on managing strategies in the fog environments. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3833.	3.9	6
45	Swarm Decision Table and Ensemble Search Methods in Fog Computing Environment: Case of Day-Ahead Prediction of Building Energy Demands Using IoT Sensors. IEEE Internet of Things Journal, 2020, 7, 2321-2342.	8.7	12
46	Edge Computing. International Journal of Fog Computing, 2020, 3, 64-74.	1.8	3
47	Fog Computing for Realizing Smart Neighborhoods in Smart Grids. Computers, 2020, 9, 76.	3.3	11
48	A Fuzzy-AHP based prioritization of trust criteria in fog computing services. Applied Soft Computing Journal, 2020, 97, 106789.	7.2	49
49	The Interaction between Internet, Sustainable Development, and Emergence of Society 5.0. Data, 2020, 5, 80.	2.3	42
50	Smart Agricultural Knowledge Discovery System using IoT Technology and Fog Computing. , 2020, , .		6
51	RELIABLE: Resource Allocation Mechanism for 5G Network using Mobile Edge Computing. Sensors, 2020, 20, 5449.	3.8	19
52	Adaptive autonomous UAV scouting for rice lodging assessment using edge computing with deep learning EDANet. Computers and Electronics in Agriculture, 2020, 179, 105817.	7.7	50
53	A Survey and Taxonomy on Task Offloading for Edge-Cloud Computing. IEEE Access, 2020, 8, 186080-186101.	4.2	55
54	Scalable edge cloud platforms for IoT services. Journal of Network and Computer Applications, 2020, 170, 102785.	9.1	25
55	Lattice-Based Incremental Signature Scheme for the Authenticated Data Update in Fog Computing. IEEE Access, 2020, 8, 89595-89602.	4.2	3

#	ARTICLE	IF	CITATIONS
56	Deep Learning at the Mobile Edge: Opportunities for 5G Networks. Applied Sciences (Switzerland), 2020, 10, 4735.	2.5	60
57	Collective Remote Attestation at the Internet of Things Scale: State-of-the-Art and Future Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 2447-2461.	39.4	35
59	Enabling smart manufacturing through a systematic planning framework for edge computing. CIRP Journal of Manufacturing Science and Technology, 2020, 31, 351-369.	4.5	16
60	A scalable Edge Computing architecture enabling smart offloading for Location Based Services. Pervasive and Mobile Computing, 2020, 67, 101217.	3.3	23
61	SessionStore: A Session-Aware Datastore for the Edge. , 2020, , .		7
62	Big Data Processing and Artificial Intelligence at the Network Edge. , 2020, , .		4
63	Utilizing technologies of fog computing in educational IoT systems: privacy, security, and agility perspective. Journal of Big Data, 2020, 7, .	11.0	20
64	xFogSim: A Distributed Fog Resource Management Framework for Sustainable IoT Services. IEEE Transactions on Sustainable Computing, 2021, 6, 691-702.	3.1	14
65	A Novel Edge-to-Cloud-as-a-Service (E2CaaS) Model for Building Software Services in Smart Cities. , 2020, , .		5
66	A Systematic Survey of Industrial Internet of Things Security: Requirements and Fog Computing Opportunities. IEEE Communications Surveys and Tutorials, 2020, 22, 2489-2520.	39.4	225
67	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.	9.1	35
68	Using Markov Learning Utilization Model for Resource Allocation in Cloud of Thing Network. Wireless Personal Communications, 2020, 115, 653-677.	2.7	39
69	Lightweight fog based solution for privacy-preserving in IoT using blockchain. , 2020, , .		9
70	Optimal Allocation of vBBUs Considering Distance Between MDC and RRH in F-RANs. , 2020, , .		2
71	Vehicular Cloud Resource Management, Issues and Challenges: A Survey. IEEE Access, 2020, 8, 180587-180607.	4.2	14
72	Distributed Artificial Intelligence-as-a-Service (DAIaaS) for Smarter IoE and 6G Environments. Sensors, 2020, 20, 5796.	3.8	73
73	An Energy Aware Task Scheduling Model Using Ant-Mating Optimization in Fog Computing Environment. IEEE Transactions on Services Computing, 2022, 15, 2007-2017.	4.6	40
74	A Discussion on Context-Awareness to Better Support the IoT Cloud/Edge Continuum. IEEE Access, 2020, 8, 193686-193694.	4.2	9

#	ARTICLE	IF	CITATIONS
75	The Service Node Placement Problem in Software-Defined Fog Networks. , 2020, , .		1
76	Forecasting Acceleration of Data Transfer with Fog Computing for Resource Efficiency in Data Centers. , 2020, , .		1
77	Energy Efficient Distributed Processing for IoT. IEEE Access, 2020, 8, 161080-161108.	4.2	18
78	Overview of Architectural Alternatives for the Integration of ETSI MEC Environments from Different Administrative Domains. Electronics (Switzerland), 2020, 9, 1392.	3.1	7
79	Priority, network and energy-aware placement of IoT-based application services in fog-cloud environments. IET Communications, 2020, 14, 2117-2129.	2.2	51
80	Increasing the Efficiency of Rule-Based Expert Systems Applied on Heterogeneous Data Sources. , 0, , .		1
81	Architectural Design Alternatives Based on Cloud/Edge/Fog Computing for Connected Vehicles. IEEE Communications Surveys and Tutorials, 2020, 22, 2349-2377.	39.4	78
82	Scaling up an Edge Server Deployment. , 2020, , .		13
83	A Homomorphic Encryption and Privacy Protection Method Based on Blockchain and Edge Computing. Wireless Communications and Mobile Computing, 2020, 2020, 1-9.	1.2	28
84	Computation Offloading for Vehicular Environments: A Survey. IEEE Access, 2020, 8, 198214-198243.	4.2	51
85	Edge Computing and Its Convergence With Blockchain in 5G and Beyond: Security, Challenges, and Opportunities. IEEE Access, 2020, 8, 205340-205373.	4.2	30
86	Edge on Wheels With OMNIBUS Networking for 6G Technology. IEEE Access, 2020, 8, 215928-215942.	4.2	13
87	Computation Offloading for Machine Learning in Industrial Environments. , 2020, , .		3
88	Parallel Image Signal Processing in a Distributed Car Plate Recognition System. , 2020, , .		2
89	Fossil: Efficient Latency Reduction in Approximating Streaming Sensor Data. Sustainability, 2020, 12, 10175.	3.2	3
90	Exploring Edge Computing for Multitier Industrial Control. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 3506-3518.	2.7	22
91	Evolutionary offloading in an edge environment. Egyptian Informatics Journal, 2021, 22, 257-267.	6.8	18
92	Virtualization Construction of Security Components of Edge IoT Agent Based on Security Requirements. Journal of Physics: Conference Series, 2020, 1617, 012076.	0.4	1

#	ARTICLE	IF	CITATIONS
93	A Serverless Advanced Metering Infrastructure Based on Fog-Edge Computing for a Smart Grid: A Comparison Study for Energy Sector in Iraq. <i>Energies</i> , 2020, 13, 5460.	3.1	15
94	Cloud-managed Service Deployment for Manual Assembly Workstations. , 2020, , .		2
95	PON-Based Connectivity for Fog Computing. , 2020, , .		6
96	Enhancing Internet of Things Security using Software-Defined Networking. <i>Journal of Systems Architecture</i> , 2020, 110, 101779.	4.3	20
97	HDDP: Hybrid Domain Discovery Protocol for Heterogeneous Devices in SDN. <i>IEEE Communications Letters</i> , 2020, 24, 1655-1659.	4.1	8
98	Optimum resource allocation in optical wireless systems with energy-efficient fog and cloud architectures. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190188.	3.4	23
99	Complementing IoT Services Through Software Defined Networking and Edge Computing: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 1761-1804.	39.4	208
100	A Survey on Blockchain-Fog Integration Approaches. <i>IEEE Access</i> , 2020, 8, 102657-102668.	4.2	42
101	Design and Implementation of Virtual Private Storage Framework Using Internet of Things Local Networks. <i>Symmetry</i> , 2020, 12, 489.	2.2	1
103	On-demand deployment for IoT applications. <i>Journal of Systems Architecture</i> , 2020, 111, 101794.	4.3	9
104	Fog Computing for Augmented Reality: Trends, Challenges and Opportunities. , 2020, , .		7
106	Value of Information based Optimal Service Fabric Management for Fog Computing. , 2020, , .		7
107	Artificial Intelligence in Innovation: How to Spot Emerging Trends and Technologies. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 493-510.	3.5	48
108	Benchmarking Q-Learning Methods for Intelligent Network Orchestration in the Edge. , 2020, , .		3
109	Security Issues in Fog Environment: A Systematic Literature Review. <i>International Journal of Wireless Information Networks</i> , 2020, 27, 467-483.	2.7	43
110	Modeling and Simulation Tools for Fog Computingâ€”A Comprehensive Survey from a Cost Perspective. <i>Future Internet</i> , 2020, 12, 89.	3.8	37
111	A Maude-Based rewriting approach to model and verify Cloud/Fog self-adaptation and orchestration. <i>Journal of Systems Architecture</i> , 2020, 110, 101821.	4.3	8
112	A comparative node evaluation model for highly heterogeneous massiveâ€”scale Internet of Thingsâ€”Mist networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e3924.	3.9	8

#	ARTICLE	IF	CITATIONS
113	The future of sleep health: a data-driven revolution in sleep science and medicine. <i>Npj Digital Medicine</i> , 2020, 3, 42.	10.9	146
114	Blockchain-Based Reputation Management for Task Offloading in Micro-Level Vehicular Fog Network. <i>IEEE Access</i> , 2020, 8, 52968-52980.	4.2	39
115	Fog Computing: A Comprehensive Architectural Survey. <i>IEEE Access</i> , 2020, 8, 69105-69133.	4.2	102
116	New-flow based DDoS attacks in SDN: Taxonomy, rationales, and research challenges. <i>Computer Communications</i> , 2020, 154, 509-527.	5.1	69
117	Dynamic Compression Ratio Selection for Edge Inference Systems With Hard Deadlines. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8800-8810.	8.7	14
118	A Survey on Deep Transfer Learning to Edge Computing for Mitigating the COVID-19 Pandemic. <i>Journal of Systems Architecture</i> , 2020, 108, 101830.	4.3	112
119	Cross-Site Edge Framework for Location-Awareness Distributed Edge-Computing Applications. , 2020, , .		1
120	Network reliability evaluation for a distributed network with edge computing. <i>Computers and Industrial Engineering</i> , 2020, 147, 106492.	6.3	17
121	Fog-inspired smart home environment for domestic animal healthcare. <i>Computer Communications</i> , 2020, 160, 521-533.	5.1	13
122	Efficient Task Offloading for IoT-Based Applications in Fog Computing Using Ant Colony Optimization. <i>IEEE Access</i> , 2020, 8, 37191-37201.	4.2	136
123	BeiDou Satellite Positioning Method Based on IoT and Edge Computing. <i>Sensors</i> , 2020, 20, 889.	3.8	5
124	A Game-Theoretic Approach for Non-Cooperative Load Balancing Among Competing Cloudlets. <i>IEEE Open Journal of the Communications Society</i> , 2020, 1, 226-241.	6.9	16
125	MMDA: Multidimensional and multidirectional data aggregation for edge computing-enhanced IoT. <i>Journal of Systems Architecture</i> , 2020, 106, 101713.	4.3	28
126	Convergence of Edge Computing and Deep Learning: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 869-904.	39.4	776
127	L-Heron: An open-source load-aware online scheduler for Apache Heron. <i>Journal of Systems Architecture</i> , 2020, 106, 101727.	4.3	1
128	Resource provisioning towards OPEX optimization in horizontal edge federation. <i>Computer Communications</i> , 2020, 158, 39-50.	5.1	12
129	Artificial Intelligence (AI) or Intelligence Augmentation (IA): What Is the Future?. <i>AI</i> , 2020, 1, 143-155.	3.8	91
130	Topology Control in Fog Computing Enabled IoT Networks for Smart Cities. <i>Computer Networks</i> , 2020, 176, 107270.	5.1	21

#	ARTICLE	IF	CITATIONS
131	Secure software placement and configuration. Future Generation Computer Systems, 2020, 110, 243-253.	7.5	9
132	Task allocation algorithm and optimization model on edge collaboration. Journal of Systems Architecture, 2020, 110, 101778.	4.3	56
133	Empirical Analysis of Containers on Resource Constrained IoT Gateway. , 2020, , .		1
134	Edge Computing Resource Allocation for Dynamic Networks: The DRUID-NET Vision and Perspective. Sensors, 2020, 20, 2191.	3.8	26
135	SDN Enhanced Multi-Access Edge Computing (MEC) for E2E Mobility and QoS Management. IEEE Access, 2020, 8, 77459-77469.	4.2	57
136	Systematic Review on Security and Privacy Requirements in Edge Computing: State of the Art and Future Research Opportunities. IEEE Access, 2020, 8, 76541-76567.	4.2	44
137	CCoDaMiC: A framework for Coherent Coordination of Data Migration and Computation platforms. Future Generation Computer Systems, 2020, 109, 1-16.	7.5	14
138	Energy-Aware Marine Predators Algorithm for Task Scheduling in IoT-Based Fog Computing Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 5068-5076.	11.3	96
139	Task migration optimization for guaranteeing delay deadline with mobility consideration in mobile edge computing. Journal of Systems Architecture, 2021, 112, 101849.	4.3	11
140	A Winâ€“Win Mode: The Complementary and Coexistence of 5G Networks and Edge Computing. IEEE Internet of Things Journal, 2021, 8, 3983-4003.	8.7	11
141	A Systematic Survey on Fog steered IoT: Architecture, Prevalent Threats and Trust Models. International Journal of Wireless Information Networks, 2021, 28, 116-133.	2.7	18
142	Efficient incremental authentication for the updated data in fog computing. Future Generation Computer Systems, 2021, 114, 130-137.	7.5	15
143	Lightweight self-organising distributed monitoring of Fog infrastructures. Future Generation Computer Systems, 2021, 114, 605-618.	7.5	25
144	Lightweight Cryptographic Protocols for IoT-Constrained Devices: A Survey. IEEE Internet of Things Journal, 2021, 8, 4132-4156.	8.7	48
145	<scp>BADEP</scp>: Bandwidth and delay efficient application placement in fogâ€“based <scp>IoT</scp> systems. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4136.	3.9	4
146	Security and blockchain convergence with Internet of Multimedia Things: Current trends, research challenges and future directions. Journal of Network and Computer Applications, 2021, 175, 102918.	9.1	36
147	End-to-end congestion control approaches for high throughput and low delay in 4G/5G cellular networks. Computer Networks, 2021, 186, 107692.	5.1	43
148	â€œLast mileâ€•optimization of edge computing ecosystem with deep learning models and specialized tensor processing architectures. Advances in Computers, 2021, , 303-341.	1.6	19

#	ARTICLE	IF	CITATIONS
149	Intelligent decision-making in Smart Food Industry: Quality perspective. Pervasive and Mobile Computing, 2021, 72, 101304.	3.3	18
150	Fog data management: A vision, challenges, and future directions. Journal of Network and Computer Applications, 2021, 174, 102882.	9.1	30
151	Operating Latency Sensitive Applications on Public Serverless Edge Cloud Platforms. IEEE Internet of Things Journal, 2021, 8, 7954-7972.	8.7	28
152	Evaluating system architectures for driving range estimation and charge planning for electric vehicles. Software - Practice and Experience, 2021, 51, 72-90.	3.6	6
153	Smart-Cluster-Based Distributed Caching for Fog-IoT Networks. IEEE Internet of Things Journal, 2021, 8, 3875-3884.	8.7	8
154	Intelligent Trust-Based Public-Key Management for IoT by Linking Edge Devices in a Fog Architecture. IEEE Internet of Things Journal, 2021, 8, 12716-12723.	8.7	10
155	Achieving Democracy in Edge Intelligence: A Fog-Based Collaborative Learning Scheme. IEEE Internet of Things Journal, 2021, 8, 2751-2761.	8.7	23
156	MFP: an approach to delay and energy-efficient module placement in IoT applications based on multi-fog. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 7965-7981.	4.9	10
157	Wavelet-based dynamic and privacy-preserving similitude data models for edge computing. Wireless Networks, 2021, 27, 351-366.	3.0	6
158	Vulnerabilities in Fog/Edge Computing from Architectural Perspectives. Advances in Information Security, 2021, , 193-212.	1.2	1
159	Survey on Placement Methods in the Edge and Beyond. IEEE Communications Surveys and Tutorials, 2021, 23, 2590-2629.	39.4	39
160	Resource Management and Task Offloading Issues in the Edgeâ€œCloud Environment. Intelligent Automation and Soft Computing, 2021, 29, 129-145.	2.1	2
161	Edge Architecture Integration of Technologies. Advances in Computational Intelligence and Robotics Book Series, 2021, , 1-30.	0.4	1
162	Innovative Concepts and Techniques of Data Analytics in Edge Computing Paradigms. Advances in Computational Intelligence and Robotics Book Series, 2021, , 134-152.	0.4	0
163	Data Security and Privacy Requirements in Edge Computing. Advances in Computational Intelligence and Robotics Book Series, 2021, , 171-187.	0.4	0
164	Designing Instruction and Professional Development to Support Augmented Reality Activities. International Journal of Fog Computing, 2021, 4, 18-36.	1.8	1
165	Classification Aspects of the Data Offloading Process Applied to Fog Computing. Lecture Notes in Computer Science, 2021, , 340-353.	1.3	0
166	An Energy-Conservative Dispatcher for Fog-Enabled IIoT systems: When Stability and Timeliness Matter. IEEE Transactions on Services Computing, 2021, , 1-1.	4.6	3

#	ARTICLE	IF	CITATIONS
167	Learning-in-the-Fog (LiFo): Deep Learning Meets Fog Computing for the Minimum-Energy Distributed Early-Exit of Inference in Delay-Critical IoT Realms. IEEE Access, 2021, 9, 25716-25757.	4.2	27
168	A Survey on Trustworthiness for the Internet of Things. IEEE Access, 2021, 9, 42493-42514.	4.2	24
169	Social Phenomena and Fog Computing Networks: A Novel Perspective for Future Networks. IEEE Transactions on Computational Social Systems, 2022, 9, 32-44.	4.4	26
170	The New Normal: Cybersecurity and Associated Drivers for a Post-COVID-19 Cloud. , 2021, , 397-417.		1
171	Infrastructure-efficient Virtual-Machine Placement and Workload Assignment in Cooperative Edge-Cloud Computing Over Backhaul Networks. IEEE Transactions on Cloud Computing, 2023, 11, 653-665.	4.4	8
172	Dynamic Inference Approach Based on Rules Engine in Intelligent Edge Computing for Building Environment Control. Sensors, 2021, 21, 630.	3.8	17
174	A Centralized and Dynamic Network Congestion Classification Approach for Heterogeneous Vehicular Networks. IEEE Access, 2021, 9, 122284-122298.	4.2	7
175	Edge Analytics and Deep Learning for Sustainable Development. EAI/Springer Innovations in Communication and Computing, 2021, , 231-251.	1.1	0
176	Dynamic Buffer Sizing for Out-of-order Event Compensation for Time-sensitive Applications. ACM Transactions on Sensor Networks, 2021, 17, 1-23.	3.6	4
177	Edge computing: current trends, research challenges and future directions. Computing (Vienna/New) Tj ETQq1 1 0.784314 rgBT /Ove	4.8	50
178	Industrial Internet of Things (IIoT) Applications of Edge and Fog Computing: A Review and Future Directions. Advances in Information Security, 2021, , 293-325.	1.2	38
179	Reliability Evaluation of a Cloud-Fog Computing Network Considering Transmission Mechanisms. IEEE Transactions on Reliability, 2022, 71, 1355-1367.	4.6	4
180	Multi-Objective Task Scheduling Approach for Fog Computing. IEEE Access, 2021, 9, 126988-127009.	4.2	27
181	Decentralized Edge-to-Cloud Load Balancing: Service Placement for the Internet of Things. IEEE Access, 2021, 9, 64983-65000.	4.2	38
182	Survey on Multi-Access Edge Computing Security and Privacy. IEEE Communications Surveys and Tutorials, 2021, 23, 1078-1124.	39.4	156
183	ANN Based Estimation of Reputation of Newcomer Web Services in Fog Computing. , 2021, , .		2
184	Dynamic Federated Learning for GMEC With Time-Varying Wireless Link. IEEE Access, 2021, 9, 10400-10412.	4.2	16
185	A Taxonomy and Survey of Edge Cloud Computing for Intelligent Transportation Systems and Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6206-6221.	8.0	72

#	ARTICLE	IF	CITATIONS
186	An Efficient Multipriority Data Packet Traffic Scheduling Approach for Fog of Things. IEEE Internet of Things Journal, 2022, 9, 525-534.	8.7	8
187	Enhanced Service Framework Based on Microservice Management and Client Support Provider for Efficient User Experiment in Edge Computing Environment. IEEE Access, 2021, 9, 110683-110694.	4.2	7
188	Deep Learning With Analytics on Edge. Advances in Computational Intelligence and Robotics Book Series, 2021, , 111-133.	0.4	0
189	Opportunistic Edge Computing Architecture for Smart Healthcare Systems. Advances in Data Mining and Database Management Book Series, 2021, , 289-306.	0.5	0
190	Multilevel Secure Container Deployment Framework in Edge Computing. Communications in Computer and Information Science, 2021, , 49-61.	0.5	0
191	Review and State of Art of Fog Computing. Archives of Computational Methods in Engineering, 2021, 28, 3631-3643.	10.2	33
192	Application of IoT-Fog based real-time monitoring system for open-cast mines-A survey. IET Wireless Sensor Systems, 2021, 11, 1-21.	1.7	2
193	Serverless Edge Computing: Vision and Challenges. , 2021, , .		92
194	A Multilayer Data Processing and Aggregating Fog-Based Framework for Latency-Sensitive IoT Services. Applied Sciences (Switzerland), 2021, 11, 1374.	2.5	2
195	Probabilistic QoS-aware Placement of VNF Chains at the Edge. Theory and Practice of Logic Programming, 2022, 22, 1-36.	1.5	9
196	Identification of IoT Actors. Sensors, 2021, 21, 2093.	3.8	8
197	Virtual Environment for Evaluating the QoS of Distributed Mobile Applications. , 2021, , .		1
198	Fog Computing in Healthcare: A Review. IOP Conference Series: Materials Science and Engineering, 2021, 1099, 012025.	0.6	16
199	Extending TOSCA for Edge and Fog Deployment Support. Electronics (Switzerland), 2021, 10, 737.	3.1	13
200	Holonic Reengineering to Foster Sustainable Cyber-Physical Systems Design in Cognitive Manufacturing. Applied Sciences (Switzerland), 2021, 11, 2941.	2.5	10
201	Modeling and Analyzing Offloading Strategies of IoT Applications over Edge Computing and Joint Clouds. Symmetry, 2021, 13, 402.	2.2	16
202	Computation Offloading in the Internet of Connected Vehicles: A Systematic Literature Survey. Journal of Physics: Conference Series, 2021, 1818, 012122.	0.4	3
203	A Value-of-Information-based management framework for fog services. International Journal of Network Management, 2022, 32, e2156.	2.2	3

#	ARTICLE	IF	CITATIONS
204	Optimal Workload Allocation for Edge Computing Network Using Application Prediction. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-13.	1.2	7
205	Simulation-based analysis of threats to location privacy in fog computing. , 2021, , .		2
206	Reliable scheduling and load balancing for requests in cloud-fog computing. <i>Peer-to-Peer Networking and Applications</i> , 2021, 14, 1905-1916.	3.9	31
207	IoT in Smart Cities: A Survey of Technologies, Practices and Challenges. <i>Smart Cities</i> , 2021, 4, 429-475.	9.4	199
208	Human microservices: A framework for turning humans into service providers. <i>Software - Practice and Experience</i> , 2021, 51, 1910-1935.	3.6	11
209	An evolutionary fuzzy scheduler for multi-objective resource allocation in fog computing. <i>Future Generation Computer Systems</i> , 2021, 117, 498-509.	7.5	34
210	Protocol for reliable energy data collection based on mobile fog computing. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 44, 101086.	2.7	2
211	A review of edge computing: Features and resource virtualization. <i>Journal of Parallel and Distributed Computing</i> , 2021, 150, 155-183.	4.1	85
212	A novel approach for IoT tasks offloading in edge-cloud environments. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2021, 10, .	3.9	41
213	Dynamic fog-to-fog offloading in SDN-based fog computing systems. <i>Future Generation Computer Systems</i> , 2021, 117, 486-497.	7.5	50
214	Planning Fog networks for time-critical IoT requests. <i>Computer Communications</i> , 2021, 172, 75-83.	5.1	12
215	Performance evaluation and optimization of a task offloading strategy on the mobile edge computing with edge heterogeneity. <i>Journal of Supercomputing</i> , 2021, 77, 12486-12507.	3.6	14
216	Context-aware scheduling in Fog computing: A survey, taxonomy, challenges and future directions. <i>Journal of Network and Computer Applications</i> , 2021, 180, 103008.	9.1	69
217	FoBSim: an extensible open-source simulation tool for integrated fog-blockchain systems. <i>PeerJ Computer Science</i> , 2021, 7, e431.	4.5	9
218	Auto-scaling techniques for IoT-based cloud applications: a review. <i>Cluster Computing</i> , 2021, 24, 2425-2459.	5.0	18
219	Hybrid Task Coordination Using Multi-Hop Communication in Volunteer Computing-Based VANETs. <i>Sensors</i> , 2021, 21, 2718.	3.8	7
220	When wearable technology meets computing in future networks. , 2021, , .		6
221	Mapping IoT Applications on the Edge to Cloud Continuum with a Filter Stream Model. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
222	Moisture Computing-Based Internet of Vehicles (IoV) Architecture for Smart Cities. <i>Sensors</i> , 2021, 21, 3785.	3.8	11
223	Size Efficient Key-Value Type Context Sharing in Mobile Edge Computing. , 2021, , .		0
224	LEAF: Simulating Large Energy-Aware Fog Computing Environments. , 2021, , .		14
225	IEGA: An improved elitism-based genetic algorithm for task scheduling problem in fog computing. <i>International Journal of Intelligent Systems</i> , 2021, 36, 4592-4631.	5.7	26
226	A Novel Fog-based Framework for Preventing Cloud Lock-in while Enabling Searchable Encryption. , 2021, , .		0
227	Next Generation Mobile Core Resource Orchestration: Comprehensive Survey, Challenges and Perspectives. <i>Wireless Personal Communications</i> , 2021, 120, 1341-1415.	2.7	2
228	A priority, power and traffic-aware virtual machine placement of IoT applications in cloud data centers. <i>Journal of Systems Architecture</i> , 2021, 115, 101996.	4.3	34
230	PA-Offload: Performability-Aware Adaptive Fog Offloading for Drone Image Processing. , 2021, , .		6
231	Priority-enabled Load Balancing for Dispersed Computing. , 2021, , .		3
232	An infrastructure-assisted job scheduling and task coordination in volunteer computing-based VANET. <i>Complex & Intelligent Systems</i> , 2023, 9, 3613-3633.	6.5	9
233	A Survey on Cloudlets, Mobile Edge, and Fog Computing. , 2021, , .		26
234	An experimental study of fog and cloud computing in CEP-based Real-Time IoT applications. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2021, 10, .	3.9	21
235	A Cyber Deception Method Based on Container Identity Information Anonymity. <i>IEICE Transactions on Information and Systems</i> , 2021, E104.D, 893-896.	0.7	0
236	Weathering the Reallocation Storm: Large-Scale Analysis of Edge Server Workload. , 2021, , .		4
237	Stable and compact design of Memristive GoogLeNet Neural Network. <i>Neurocomputing</i> , 2021, 441, 52-63.	5.9	20
238	Next Generation of SDN in Cloud-Fog for 5G and Beyond-Enabled Applications: Opportunities and Challenges. <i>Network</i> , 2021, 1, 28-49.	2.4	29
239	A survey on computation offloading and service placement in fog computing-based IoT. <i>Journal of Supercomputing</i> , 2022, 78, 1983-2014.	3.6	67
240	<i>CoxNet</i>: A Computation Reuse Architecture at the Edge. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 765-777.	5.5	7

#	ARTICLE	IF	CITATIONS
241	Energy-Efficient AI over a Virtualized Cloud Fog Network. , 2021, , .		4
242	Live Demonstration of a Highly Scalable Fog Service Orchestrator. , 2021, , .		1
243	Edge computing in SDN-IoT networks: a systematic review of issues, challenges and solutions. Cluster Computing, 2021, 24, 3187-3228.	5.0	14
244	Docker Swarm and Kubernetes Containers for Smart Home Gateway. IT Professional, 2021, 23, 75-80.	1.5	9
245	Dynamic distributed iterative computational model for payment information management in shared logistics using blockchain-assisted Internet of Things approach. Soft Computing, 2021, 25, 12439-12451.	3.6	3
246	The convergence and interplay of edge, fog, and cloud in the AI-driven Internet of Things (IoT). Information Systems, 2022, 107, 101840.	3.6	99
247	Super-Cloudlet: Rethinking Edge Computing in the Era of Open Optical Networks. , 2021, , .		0
248	Edge computing server placement with capacitated location allocation. Journal of Parallel and Distributed Computing, 2021, 153, 130-149.	4.1	51
249	Optimal Distribution of Workloads in Cloud-Fog Architecture in Intelligent Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4706-4715.	8.0	15
250	Mobility Swapping Optimization with Location-Aware Fog Positioning Algorithm (LAFPA). , 2021, , .		1
251	HetEng: An Improved Distributed Energy Efficient Clustering Scheme for Heterogeneous IoT Networks. , 2021, , .		1
252	A Survey on Wearable Technology: History, State-of-the-Art and Current Challenges. Computer Networks, 2021, 193, 108074.	5.1	211
253	A trusted and collaborative framework for deep learning in IoT. Computer Networks, 2021, 193, 108055.	5.1	15
254	Joint QoS-aware and Cost-efficient Task Scheduling for Fog-cloud Resources in a Volunteer Computing System. ACM Transactions on Internet Technology, 2021, 21, 1-21.	4.4	37
255	Task Offloading in Fog Computing for Using Smart Ant Colony Optimization. Wireless Personal Communications, 2022, 127, 1683-1704.	2.7	57
256	REVIEW ON VULNERABILITIES AND CHALLENGES ON IOT SECURITY FRAMEWORKS IN DIVERSIFIED FIELDS OF APPLICATIONS. American Journal of Electronics & Communication, 2021, 2, 1-3.	0.2	0
257	A-DECS: Enhanced collaborative edge edge data storage service for edge computing with adaptive prediction. Computer Networks, 2021, 193, 108087.	5.1	5
258	Deep reinforcement learning for computation offloading in mobile edge computing environment. Computer Communications, 2021, 175, 1-12.	5.1	57

#	ARTICLE	IF	CITATIONS
259	Blockchain technology and IoT-edge framework for sharing healthcare services. <i>Soft Computing</i> , 2021, 25, 13753-13777.	3.6	16
260	Application placement in Fog computing with AI approach: Taxonomy and a state of the art survey. <i>Journal of Network and Computer Applications</i> , 2021, 185, 103078.	9.1	55
261	Low-cost Edge Computing devices and novel user interfaces for monitoring pivot irrigation systems based on Internet of Things and LoRaWAN technologies. <i>Biosystems Engineering</i> , 2022, 223, 14-29.	4.3	13
262	Model-based Stream Processing Auto-scaling in Geo-Distributed Environments. , 2021, , .		13
263	On the Use of Intelligent Models towards Meeting the Challenges of the Edge Mesh. <i>ACM Computing Surveys</i> , 2021, 54, 1-42.	23.0	3
264	Prediction of quality of service of fog nodes for service recommendation in fog computing based on trustworthiness of users. <i>Journal of Reliable Intelligent Environments</i> , 2022, 8, 193-210.	5.2	3
265	Offloading Coalition Formation for Scheduling Scientific Workflow Ensembles in Fog Environments. <i>Journal of Grid Computing</i> , 2021, 19, 1.	3.9	7
266	Distributed Task Migration Optimization in MEC by Extending Multi-Agent Deep Reinforcement Learning Approach. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, 32, 1603-1614.	5.6	69
267	Analysis of Machine Learning Algorithms for Anomaly Detection on Edge Devices. <i>Sensors</i> , 2021, 21, 4946.	3.8	9
268	Design and Simulation of a Hybrid Architecture for Edge Computing in 5G and Beyond. <i>IEEE Transactions on Computers</i> , 2021, 70, 1213-1224.	3.4	27
269	Task Offloading for Edge-Fog-Cloud Interplay in the Healthcare Internet of Things (IoT). , 2021, , .		7
270	Middleware for the Internet of Things: A survey on requirements, enabling technologies, and solutions. <i>Journal of Systems Architecture</i> , 2021, 117, 102098.	4.3	34
271	Hybrid short-term traffic forecasting architecture and mechanisms for reservation-based Cooperative ITS. <i>Journal of Systems Architecture</i> , 2021, 117, 102101.	4.3	10
272	Dynamic resource allocation for jointing vehicle-edge deep neural network inference. <i>Journal of Systems Architecture</i> , 2021, 117, 102133.	4.3	14
273	Resource Utilization for IoT Oriented Framework Using Zero Hour Policy. <i>Wireless Personal Communications</i> , 0, , 1.	2.7	1
274	FOG-EE Computing: Fog, Edge and Elastic Computing, New Age Cloud Computing Paradigms. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 579-589.	0.6	0
275	Design of an IoT-PLC: A containerized programmable logical controller for the industry 4.0. <i>Journal of Industrial Information Integration</i> , 2022, 25, 100250.	6.4	25
277	Data resilience system for fog computing. <i>Computer Networks</i> , 2021, 195, 108218.	5.1	5

#	ARTICLE	IF	CITATIONS
278	Task offloading in Edge and Cloud Computing: A survey on mathematical, artificial intelligence and control theory solutions. <i>Computer Networks</i> , 2021, 195, 108177.	5.1	106
279	REACT: A solidarity-based elastic service resource reallocation strategy for Multi-access Edge Computing. <i>Physical Communication</i> , 2021, 47, 101380.	2.1	2
280	Clustering Algorithms on Low-Power and High-Performance Devices for Edge Computing Environments. <i>Sensors</i> , 2021, 21, 5395.	3.8	23
281	Security in fog computing: A systematic review on issues, challenges and solutions. <i>Computer Science Review</i> , 2021, 41, 100421.	15.3	16
282	Linked-Object Dynamic Offloading (LODO) for the Cooperation of Data and Tasks on Edge Computing Environment. <i>Electronics (Switzerland)</i> , 2021, 10, 2156.	3.1	1
283	A survey on reliability and availability modeling of edge, fog, and cloud computing. <i>Journal of Reliable Intelligent Environments</i> , 2022, 8, 227-245.	5.2	13
284	A GPU-Parallel Image Coregistration Algorithm for InSar Processing at the Edge. <i>Sensors</i> , 2021, 21, 5916.	3.8	9
285	Low Latency Aware Fog Nodes Placement in Internet of Things Service Infrastructure. <i>Journal of Circuits, Systems and Computers</i> , 0, , 2250017.	1.5	0
286	A fuzzy approach for optimal placement of IoT applications in fog-cloud computing. <i>Cluster Computing</i> , 2022, 25, 303-320.	5.0	18
287	A Review of Evolutionary Trends in Cloud Computing and Applications to the Healthcare Ecosystem. <i>Applied Computational Intelligence and Soft Computing</i> , 2021, 2021, 1-16.	2.3	7
288	Fog-based healthcare systems: A systematic review. <i>Multimedia Tools and Applications</i> , 2021, 80, 36361-36400.	3.9	20
289	Performability Evaluation of Load Balancing and Fail-over Strategies for Medical Information Systems with Edge/Fog Computing Using Stochastic Reward Nets. <i>Sensors</i> , 2021, 21, 6253.	3.8	13
290	A Systematic Survey on the Role of Cloud, Fog, and Edge Computing Combination in Smart Agriculture. <i>Sensors</i> , 2021, 21, 5922.	3.8	70
291	Multimodal biometric authentication for mobile edge computing. <i>Information Sciences</i> , 2021, 573, 82-99.	6.9	16
292	Availability model for edge-fog-cloud continuum: an evaluation of an end-to-end infrastructure of intelligent traffic management service. <i>Journal of Supercomputing</i> , 2022, 78, 4421-4448.	3.6	16
293	Optimization algorithm of wireless surveillance data transmission task based on edge computing. <i>Computer Communications</i> , 2021, 178, 14-25.	5.1	2
294	Impacts of uncertain information delays on distributed real-time optimal controls for building HVAC systems deployed on IoT-enabled field control networks. <i>Applied Energy</i> , 2021, 300, 117383.	10.1	5
295	Fog radio access network optimization for 5G leveraging user mobility and traffic data. <i>Journal of Network and Computer Applications</i> , 2021, 191, 103083.	9.1	4

#	ARTICLE	IF	CITATIONS
296	Removing bias from the judgment day: A Ravenscar-based toolbox for quantitative comparison of EDF-to-RM uniprocessor scheduling. <i>Journal of Systems Architecture</i> , 2021, 119, 102236.	4.3	6
297	Fog computing: A taxonomy, systematic review, current trends and research challenges. <i>Journal of Parallel and Distributed Computing</i> , 2021, 157, 56-85.	4.1	72
298	A delay-tolerant distributed optimal control method concerning uncertain information delays in IoT-enabled field control networks of building automation systems. <i>Applied Energy</i> , 2021, 301, 117516.	10.1	3
299	An event-driven multi-agent based distributed optimal control strategy for HVAC systems in IoT-enabled smart buildings. <i>Automation in Construction</i> , 2021, 132, 103919.	9.8	19
300	Efficient Resource Allocation in Fog Computing Using QTCS Model. <i>Computers, Materials and Continua</i> , 2022, 70, 2225-2239.	1.9	10
301	IoT and Big Data Applications in Smart Cities: Recent Advances, Challenges, and Critical Issues. <i>IEEE Access</i> , 2021, 9, 55465-55484.	4.2	49
302	DECS: Collaborative Edge-Edge Data Storage Service for Edge Computing. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021, , 373-391.	0.3	3
303	Declarative Osmotic Application Placement. <i>Lecture Notes in Business Information Processing</i> , 2021, , 177-190.	1.0	4
304	Fast and Fair Computation Offloading Management in a Swarm of Drones Using a Rating-Based Federated Learning Approach. <i>IEEE Access</i> , 2021, 9, 113832-113849.	4.2	7
305	K�nstliche Intelligenz als Ver�nderungstreiber f�r Gesch�ftsmodelle. <i>Forum Dienstleistungsmanagement</i> , 2021, , 51-75.	1.2	7
306	GPU-based embedded edge server configuration and offloading for a neural network service. <i>Journal of Supercomputing</i> , 2021, 77, 8593-8621.	3.6	5
307	Compact and Stable Memristive Visual Geometry Group Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 987-998.	11.3	4
309	Enabling and Leveraging AI in the Intelligent Edge: A Review of Current Trends and Future Directions. <i>IEEE Open Journal of the Communications Society</i> , 2021, 2, 2311-2341.	6.9	2
310	Optimizing the Response Time in SDN-Fog Environments for Time-Strict IoT Applications. <i>IEEE Internet of Things Journal</i> , 2021, 8, 17172-17185.	8.7	18
311	Dynamic Edge and Cloud Service Integration for Industrial IoT and Production Monitoring Applications of Industrial Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 498-508.	11.3	18
312	Fog Computing Advancement: Concept, Architecture, Applications, Advantages, and Open Issues. <i>IEEE Access</i> , 2021, 9, 75961-75980.	4.2	36
313	A reliable blockchain and edge�cloud architecture for facilitating fault-tolerant IoT applications. , 2021, , 295-311.		0
314	Self-organizing Fog Support Services for Responsive Edge Computing. <i>Journal of Network and Systems Management</i> , 2021, 29, 1.	4.9	24

#	ARTICLE	IF	CITATIONS
315	Swarm intelligence based MSMOPSO for optimization of resource provisioning in Internet of Things. , 2021, , 61-82.		4
316	An Overview of Medical Internet of Things, Artificial Intelligence, and Cloud Computing Employed in Health Care from a Modern Panorama. Internet of Things, 2021, , 3-23.	1.7	1
317	Privacy-preserving cloud-connected IoT data using context-aware and end-to-end secure messages. Procedia Computer Science, 2021, 191, 25-32.	2.0	4
318	Measuring the Fog, Gently. Lecture Notes in Computer Science, 2019, , 523-538.	1.3	8
319	IoT and AI in Precision Agriculture: Designing Smart System to Support Illiterate Farmers. Advances in Intelligent Systems and Computing, 2021, , 490-496.	0.6	6
320	Proposed Framework for Fog Computing to Improve Quality-of-Service in IoT Applications. Studies in Big Data, 2020, , 123-143.	1.1	11
321	Data Science for Big Data Applications and Services: Data Lake Management, Data Analytics and Visualization. Advances in Intelligent Systems and Computing, 2021, , 28-44.	0.6	15
322	System reliability analysis for a cloud-based network under edge server capacity and budget constraints. Annals of Operations Research, 0, , 1.	4.1	6
323	A load balancing and optimization strategy (LBOS) using reinforcement learning in fog computing environment. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4951-4966.	4.9	78
324	Fault-tolerant with load balancing scheduling in a fog-based IoT application. IET Communications, 2020, 14, 2646-2657.	2.2	18
325	Energy-efficient workload allocation in fog-cloud based services of intelligent transportation systems using a learning classifier system. IET Intelligent Transport Systems, 2020, 14, 1484-1490.	3.0	27
326	An Intelligent Edge-based Digital Twin for Robotics. , 2020, , .		24
327	Fogification of industrial robotic systems. , 2019, , .		12
328	Five Challenges in Cloud-enabled Intelligence and Control. ACM Transactions on Internet Technology, 2020, 20, 1-19.	4.4	22
329	Application Management in Fog Computing Environments. ACM Computing Surveys, 2021, 53, 1-43.	23.0	112
330	Analysis of factors affecting IoT-based smart hospital design. Journal of Cloud Computing: Advances, Systems and Applications, 2020, 9, 67.	3.9	58
331	Mobility-Aware Container Migration in Cloudlet-Enabled IoT Systems using Integrated Muticriteria Decision Making. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	4
332	ENHANCED EDGE MODEL FOR BIG DATA IN THE INTERNET OF THINGS BASED APPLICATIONS. Journal of Trends in Computer Science and Smart Technology, 2019, 01, 63-73.	2.6	28

#	ARTICLE	IF	CITATIONS
333	Optimal deployment of face recognition solutions in a heterogeneous IoT platform for secure elderly care applications. <i>Procedia Computer Science</i> , 2021, 192, 3204-3213.	2.0	5
334	An Adaptive Mechanism for Dynamically Collaborative Computing Power and Task Scheduling in Edge Environment. <i>IEEE Internet of Things Journal</i> , 2023, 10, 3118-3129.	8.7	7
335	Towards Enabling IoT Systems with Edge Intelligence. , 2021, , .		1
336	Computing Paradigms: An Overview. , 2021, , .		4
337	An Efficient Workflow Management Model for Fog Computing. , 2021, , .		0
338	Towards effective offloading mechanisms in fog computing. <i>Multimedia Tools and Applications</i> , 2022, 81, 1997-2042.	3.9	32
339	SAP: An IoT Application Module Placement Strategy Based on Simulated Annealing Algorithm in Edge-Cloud Computing. <i>Journal of Sensors</i> , 2021, 2021, 1-12.	1.1	4
340	Research on Distributed In-Vehicle Wireless Self-Organized Routing Protocol Distribution Mechanism. <i>Journal of Sensors</i> , 2021, 2021, 1-10.	1.1	0
341	Improved data-driven root cause analysis in fog computing environment. <i>Journal of Reliable Intelligent Environments</i> , 2022, 8, 359-377.	5.2	2
343	A Symmetric Encryption Scheme for Electronic Data Exchange for Edge Medical Devices in a Dew-Fog Computing Environment. , 2019, , .		0
344	Optimizing the Computational Offloading Decision in Cloud-Fog Environment. , 2020, , .		2
346	FRAME-SDN. , 2020, , .		6
347	Extending Service-oriented Architectures in Manufacturing towards Fog and Edge Levels. , 2020, , .		0
348	Edge-supported Microservice-based Resource Discovery for Mist Computing. , 2020, , .		6
349	An Energy-Friendly Scheduler for Edge Computing Systems. <i>Sensors</i> , 2021, 21, 7151.	3.8	6
350	Processing Complex Events in Fog-Based Internet of Things Systems for Smart Agriculture. <i>Sensors</i> , 2021, 21, 7226.	3.8	10
351	Edge computing for Vehicle to Everything: a short review. <i>F1000Research</i> , 0, 10, 1104.	1.6	0
352	MiCADO-Edge: Towards an Application-level Orchestrator for the Cloud-to-Edge Computing Continuum. <i>Journal of Grid Computing</i> , 2021, 19, 1.	3.9	28

#	ARTICLE	IF	CITATIONS
353	An ICN-based Approach for Service Caching in Edge/Fog Environments. , 2020, , .		5
354	Review on QoS Aware Resource Management in Fog Computing Environment. , 2020, , .		3
355	Reliability Evaluation for a Cloud Computer Network with Fog Computing. , 2020, , .		1
356	Fog computing security and privacy for the Internet of Thing applications: State-of-the-art. Security and Privacy, 2021, 4, e145.	2.7	40
357	A Cloud-Enabled Rate-Switching MPC Architecture. , 2020, , .		14
358	Achieving Ambient Intelligence in Addressing the COVID-19 Pandemic Using Fog Computing-Driven IoT. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2022, , 56-92.	0.5	1
359	Load and Cost-Aware Min-Min Workflow Scheduling Algorithm for Heterogeneous Resources in Fog, Cloud, and Edge Scenarios. International Journal of Cloud Applications and Computing, 2021, 12, 1-20.	2.0	15
360	MEC-enabled 5G Use Cases: A Survey on Security Vulnerabilities and Countermeasures. ACM Computing Surveys, 2022, 54, 1-37.	23.0	33
362	Introduction to Fog Data Analytics for IoT Applications. Studies in Big Data, 2020, , 19-38.	1.1	2
363	Orchestration Security Challenges in the Fog Computing. Communications in Computer and Information Science, 2020, , 196-207.	0.5	1
364	Modeling Self-adaptive Fog Systems Using Bigraphs. Lecture Notes in Computer Science, 2020, , 252-268.	1.3	3
365	PF-BVM: A Privacy-aware Fog-enhanced Blockchain Validation Mechanism. , 2020, , .		7
366	Cloud-based model predictive control with variable horizon. IFAC-PapersOnLine, 2020, 53, 6993-7000.	0.9	12
367	HYDRA: Decentralized Location-Aware Orchestration of Containerized Applications. IEEE Transactions on Cloud Computing, 2022, 10, 2664-2678.	4.4	3
368	Multi-Level Peer-to-Peer Requests Processing in Mobile Networks. Proceedings of Telecommunication Universities, 2020, 6, 79-86.	0.3	0
369	Declarative data serving. Proceedings of the VLDB Endowment, 2021, 14, 2555-2562.	3.8	2
370	Cooperative Deeptech Platform for Innovation-Hub Members of DISRUPTIVE. Advances in Intelligent Systems and Computing, 2021, , 298-304.	0.6	1
372	Opportunistic security architecture for osmotic computing paradigm in dynamic IoT-Edge's resource diffusion. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
373	A Novel Data Traceability Model Based on Blockchain and Digital Watermarking in Edge Computing. Journal of Physics: Conference Series, 2020, 1682, 012041.	0.4	0
374	Teaching Development of Distributed Software during COVID-19. , 2020, , .		10
375	Data Reduction Approach Based on Fog Computing in IoT Environment. , 2020, , .		2
376	A Resource Management Model for Distributed Multi-Task Applications in Fog Computing Networks. IEEE Access, 2021, 9, 152792-152802.	4.2	3
377	Distributed Optimal Control for HVAC Systems Adopting Edge Computingâ€”Strategy, Implementation, and Experimental Validation. IEEE Internet of Things Journal, 2022, 9, 11858-11867.	8.7	2
378	Blockchain technology as a Fog computing security and privacy solution: An overview. Computer Communications, 2022, 182, 129-152.	5.1	38
379	Fog Computing State of the Art: Concept and Classification of Platforms to Support Distributed Computing Systems. Supercomputing Frontiers and Innovations, 2021, 8, .	0.4	1
380	Towards a global and abstract end-to-end architecture for data analysis and transformation with ML/DL Application cases: Medical IoT and IoHT. , 2021, , .		2
381	A Survey on Caching in Mobile Edge Computing. Wireless Communications and Mobile Computing, 2021, 2021, 1-21.	1.2	5
382	Dynamic Architecture for Collaborative Distributed Storage of Collected Data in Fog Environments. Wireless Personal Communications, 0, , .	2.7	1
383	Recent implications towards sustainable and energy efficient AI and big data implementations in cloud-fog systems: A newsworthy inquiry. Journal of King Saud University - Computer and Information Sciences, 2021, , .	3.9	1
384	Optimal resilient distributed data collection in mobile edge environments. Computers and Electrical Engineering, 2021, 96, 107580.	4.8	13
385	â€œA systematic literature review on IoT gatewaysâ€• Journal of King Saud University - Computer and Information Sciences, 2022, 34, 9541-9563.	3.9	15
386	Applications of Integrated IoT-Fog-Cloud Systems to Smart Cities: A Survey. Electronics (Switzerland), 2021, 10, 2918.	3.1	8
387	From statisticalâ€•to machine learningâ€•based network traffic prediction. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4394.	3.9	29
388	The Internet of Cooperative Agents Architecture (X-IoCA) for Robots, Hybrid Sensor Networks, and MEC Centers in Complex Environments: A Search and Rescue Case Study. Sensors, 2021, 21, 7843.	3.8	12
389	Data Value Extraction Mechanism in a Resilient Fog-based IoT System for Smart Irrigation. , 2021, , .		0
390	Multi-objective optimization of task assignment in distributed mobile edge computing. Journal of Reliable Intelligent Environments, 2022, 8, 21-33.	5.2	5

#	ARTICLE	IF	CITATIONS
391	A Fractal Control System Architecture for Next Generation Factories. <i>Procedia CIRP</i> , 2021, 104, 1506-1511.	1.9	2
392	GOSH: Task Scheduling Using Deep Surrogate Models in Fog Computing Environments. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022, 33, 2821-2833.	5.6	14
393	Geospatial Edge-Fog Computing: A Systematic Review, Taxonomy, and Future Directions. , 2021, , 47-69.		6
396	Fog computing in enabling 5G-driven emerging technologies for development of sustainable smart city infrastructures. <i>Cluster Computing</i> , 2022, 25, 1111-1154.	5.0	17
397	Federated Learning in Edge Computing: A Systematic Survey. <i>Sensors</i> , 2022, 22, 450.	3.8	92
398	Edge security for SIP-enabled IoT devices with P4. <i>Computer Networks</i> , 2022, 203, 108698.	5.1	5
399	A fully distributed optimal control approach for multi-zone dedicated outdoor air systems to be implemented in IoT-enabled building automation networks. <i>Applied Energy</i> , 2022, 308, 118408.	10.1	11
400	Multi-access Edge Computing fundamentals, services, enablers and challenges: A complete survey. <i>Journal of Network and Computer Applications</i> , 2022, 199, 103308.	9.1	31
401	Edge IoT-cloud Framework based on Blockchain. , 2020, , .		2
402	Software-Defined Decentralized Domestic Wastewater Treatment: 1st Milestone. , 2020, , .		2
403	Distributed Computing Architecture for Logistic Job Allocation in Smart Factory. , 2020, , .		1
404	How much can Fog Computing enhance performances of heterogeneous delay-sensitive services in Smart Cities?. , 2020, , .		1
405	Adaptive Window Based Sampling on The Edge for Internet of Things Data Streams. , 2020, , .		4
406	Model-based Development of a Dynamic Container-Based Edge Computing System. , 2020, , .		4
407	VoilÃ: Tail-Latency-Aware Fog Application Replicas Autoscaler. , 2020, , .		4
408	Hardware Accelerators for Edge Enabled Machine Learning. , 2020, , .		4
409	Dynamic Service Placement and Load Distribution in Edge Computing. , 2020, , .		7
410	A Nearest Neighbors based Data Filter for Fog Computing in IoT Smart Agriculture. , 2020, , .		11

#	ARTICLE	IF	CITATIONS
411	A Transition from Cloud to Fog Computing: Identifying Features, Challenges and the Future. , 2020, , 169-181.		0
412	Formal Modeling IoT Systems on the Basis of BiAgents* and Maude. , 2020, , .		2
413	Combined multi-layered big data and responsible AI techniques for enhanced decision support in Shipping. , 2020, , .		6
414	Evolutionary Approaches to Fog Node Placement in LV Distribution Networks. , 0, , .		2
415	Methodical Analysis of a Fog Computing Assisted Animal-Welfare Software System in a Real-World Smart Dairy Farm IoT Deployment. , 2021, , .		0
417	An N-Tier Fog Architecture for Smart Farming. , 2021, , .		0
418	TW-Fogginess: A Trustworthy IoT System based on Mist and Fog Computing. , 2021, , .		0
419	A Lightweight Authentication and Key Agreement Protocol for Secure Fog-to-Fog Collaboration. , 2021, , .		2
420	Enabling microservices management for Deep Learning applications across the Edge-Cloud Continuum. , 2021, , .		5
421	Modelling Data Protection in Fog Computing Systems using UMLsec and SysML-Sec. , 2021, , .		4
422	A Scalable Approach to Service Placement in Fog/Cloud Environments. , 2021, , .		1
423	Grafting Heterogeneous Neural Networks for a Hierarchical Object Classification. IEEE Access, 2022, 10, 12927-12940.	4.2	1
424	An optimized architecture and algorithm for resource allocation in D2D aided fog computing. Peer-to-Peer Networking and Applications, 2022, 15, 1294-1310.	3.9	4
425	Implementation of Intelligent IoT. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 27-50.	0.7	2
426	OffFog: An Approach to Support the Definition of Offloading Policies on Fog Computing. Wireless Communications and Mobile Computing, 2022, 2022, 1-15.	1.2	0
427	K-Nearest Neighbour Algorithm for Classification of IoT-Based Edge Computing Device. Internet of Things, 2022, , 161-179.	1.7	4
429	Reliable and Low-Cost Digital Transformation Technology Using Progressive Web Apps in Fog Computing Architecture for Small and Medium Industries in Indonesia. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 163-174.	0.7	0
430	Towards edge computing in intelligent manufacturing: Past, present and future. Journal of Manufacturing Systems, 2022, 62, 588-611.	13.9	60

#	ARTICLE	IF	CITATIONS
431	Microservices architecture for edge computing environment. <i>Advances in Computers</i> , 2022, , .	1.6	0
432	Building digital revolution. , 2022, , 151-186.		3
433	An Intelligent Proposed Model for Task Offloading in Fog-Cloud Collaboration Using Logistics Regression. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-25.	1.7	45
434	Edge-Oriented Computing: A Survey on Research and Use Cases. <i>Energies</i> , 2022, 15, 452.	3.1	30
435	GeoCredit: a novel fog assisted IoT based framework for credit risk assessment with behaviour scoring and geodemographic analysis. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 0, , 1.	4.9	1
436	AI-Based Mobile Edge Computing for IoT: Applications, Challenges, and Future Scope. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 9801-9831.	3.0	42
437	Microservice security: a systematic literature review. <i>PeerJ Computer Science</i> , 2022, 7, e779.	4.5	12
438	Data reduction based on machine learning algorithms for fog computing in IoT smart agriculture. <i>Biosystems Engineering</i> , 2022, 223, 142-158.	4.3	19
439	An Intelligent Approach for Cloud-Fog-Edge Computing SDN-VANETs Based on Fuzzy Logic: Effect of Different Parameters on Coordination and Management of Resources. <i>Sensors</i> , 2022, 22, 878.	3.8	12
440	A genetic-based approach for service placement in fog computing. <i>Journal of Supercomputing</i> , 2022, 78, 10854-10875.	3.6	11
441	High-availability clusters: A taxonomy, survey, and future directions. <i>Journal of Systems and Software</i> , 2022, 187, 111208.	4.5	7
442	Resource Allocation and Task Scheduling in Fog Computing and Internet of Everything Environments: A Taxonomy, Review, and Future Directions. <i>ACM Computing Surveys</i> , 2022, 54, 1-38.	23.0	45
443	Design and Evaluation of a Heterogeneous Lightweight Blockchain-Based Marketplace. <i>Sensors</i> , 2022, 22, 1131.	3.8	1
444	Decision-making of IoT device operation based on intelligent-task offloading for improving environmental optimization. <i>Complex & Intelligent Systems</i> , 0, , 1.	6.5	6
445	Integration of multi access edge computing with unmanned aerial vehicles: Current techniques, open issues and research directions. <i>Physical Communication</i> , 2022, 52, 101641.	2.1	17
446	Democratizing Global Health Care Through Scalable Emergent (Beyond the Mobile) Wireless Technologies. <i>JMIR Biomedical Engineering</i> , 2022, 7, e31079.	1.2	1
447	Vehicular Edge Computing: Architecture, Resource Management, Security, and Challenges. <i>ACM Computing Surveys</i> , 2023, 55, 1-46.	23.0	40
448	Efficient Resource Management Using Improved Bio-Inspired Algorithms for the Fog Computing Environment. <i>International Journal of Cloud Applications and Computing</i> , 2022, 12, 1-18.	2.0	2

#	ARTICLE	IF	CITATIONS
449	Online Deployment Algorithms for Microservice Systems With Complex Dependencies. IEEE Transactions on Cloud Computing, 2023, 11, 1746-1763.	4.4	8
450	Optimization techniques and computational intelligence with emerging trends in cloud computing and Internet of Things. , 2022, , 47-66.		1
451	Aerial Computing: A New Computing Paradigm, Applications, and Challenges. IEEE Internet of Things Journal, 2022, 9, 8339-8363.	8.7	38
452	Smart Anomaly Detection Using Data-Driven Techniques in IoT Edge: A Survey. Lecture Notes in Electrical Engineering, 2022, , 685-702.	0.4	6
454	Integration of Fog Computing to Internet of Things for Smart Sensitive Devices. Communications in Computer and Information Science, 2022, , 82-93.	0.5	0
455	Workload Classification. International Journal of Systems and Service-Oriented Engineering, 2022, 12, 1-14.	0.6	2
456	Improved Data-Driven Root Cause Analysis in a Fog Computing Environment. International Journal of Intelligent Information Technologies, 2022, 18, 1-28.	0.8	0
457	Multiobjective Edge Server Placement in Mobile-Edge Computing Using a Combination of Multiagent Deep Q-Network and Coral Reefs Optimization. IEEE Internet of Things Journal, 2022, 9, 17503-17512.	8.7	13
458	Dynamic Service Placement in Multi-Access Edge Computing: A Systematic Literature Review. IEEE Access, 2022, 10, 32639-32688.	4.2	22
459	Design and Development of an Edge-Computing Platform Towards 5G Technology Adoption for Improving Equipment Predictive Maintenance. Procedia Computer Science, 2022, 200, 611-619.	2.0	18
460	Disaggregation for Energy Efficient Fog in Future 6G Networks. IEEE Transactions on Green Communications and Networking, 2022, 6, 1697-1722.	5.5	3
461	Edge Computing as an Architectural Solution: An Umbrella Review. Lecture Notes in Electrical Engineering, 2022, , 601-616.	0.4	0
462	An IIoT approach for edge intelligence in production environments using machine learning and knowledge graphs. Procedia CIRP, 2022, 106, 282-287.	1.9	3
463	A Multi-Objective Task Scheduling Strategy for Intelligent Production Line Based on Cloud-Fog Computing. Sensors, 2022, 22, 1555.	3.8	15
464	Personalized human activity recognition using deep learning and edge-cloud architecture. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 12021-12033.	4.9	4
465	An Edge Computing Towards Smart Applications: A Survey. Recent Advances in Computer Science and Communications, 2022, 15, .	0.7	0
466	Blockchain as IoT Economy Enabler: A Review of Architectural Aspects. Journal of Sensor and Actuator Networks, 2022, 11, 20.	3.9	16
467	Navigation, routing and geolocation through visible light communication. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
468	Cooperative self-localization and wayfinding services through visible light communication. , 2022, , .		0
469	Placement of IoT services in fog environment based on complex network features: a genetic-based approach. Cluster Computing, 2022, 25, 3423-3445.	5.0	8
470	An efficient framework for trust evaluation of secure service selection in fog computing based on QoS, reputation, and social criteria. Computing (Vienna/New York), 2022, 104, 1643-1675.	4.8	3
471	Management of split intersections using vehicular visible light communication. , 2022, , .		0
472	Online Learning for Orchestration of Inference in Multi-user End-edge-cloud Networks. Transactions on Embedded Computing Systems, 2022, 21, 1-25.	2.9	5
473	Classification of resource management approaches in fog/edge paradigm and future research prospects: a systematic review. Journal of Supercomputing, 2022, 78, 13145-13204.	3.6	14
474	An edge-based algorithm for tool wear monitoring in repetitive milling processes. Journal of Intelligent Manufacturing, 0, , 1.	7.3	3
475	Use of Convolutional Neural Networks for vessel performance optimization and safety enhancement. Ocean Engineering, 2022, 248, 110771.	4.3	11
476	A Fog-Based Multi-Purpose Internet of Things Analytics Platform. SN Computer Science, 2022, 3, 1.	3.6	1
477	An Economic and Non-cooperative Load-balancing Framework among Federated Cloudlets. Computer Networks, 2022, 207, 108847.	5.1	1
478	On the impact of stale information on distributed online load balancing protocols for edge computing. Computer Networks, 2022, , 108935.	5.1	0
479	Unsupervised detection and open-set classification of fast-ramped flexibility activation events. Applied Energy, 2022, 312, 118647.	10.1	1
480	Managing Localization Delay for Cloud-assisted AR Applications Via LSTM-driven Overload Control. , 2021, , .		0
481	Towards Edge-Cloud-Supported Monitoring at Cloud-Network Slice Granularity. , 2021, , .		3
482	Predicting Response Time in SDN-Fog Environments for IIoT Applications. , 2021, , .		3
483	Cathode: A Consistency-Aware Data Placement Algorithm for the Edge. , 2021, , .		2
484	Smart Health Care Based on IoT and Sensors. , 2021, , .		0
485	Impact of theoretical performance models on the design of fog computing infrastructures. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
486	Cloud Platforms for Context-Adaptive Positioning and Localisation in GNSS-Denied Scenarios”A Systematic Review. <i>Sensors</i> , 2022, 22, 110.	3.8	5
487	Machine Learning for Physical Layer in 5G and beyond Wireless Networks: A Survey. <i>Electronics (Switzerland)</i> , 2022, 11, 121.	3.1	18
488	Improvement of Edge Computing Workload Placement using Multi Objective Particle Swarm Optimization. , 2021, , .		2
489	Designing Automated Deployment Strategies of Face Recognition Solutions in Heterogeneous IoT Platforms. <i>Information (Switzerland)</i> , 2021, 12, 532.	2.9	3
490	Intelligent admission control manager for fog”integrated cloud: A hybrid machine learning approach. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, .	2.2	8
491	An Analysis to Empower IoT Devices through FOG Computing. , 2021, , .		0
492	Recent Advances in Evolving Computing Paradigms: Cloud, Edge, and Fog Technologies. <i>Sensors</i> , 2022, 22, 196.	3.8	34
493	ODLIE: On-Demand Deep Learning Framework for Edge Intelligence in Industrial Internet of Things. , 2021, , .		7
494	Fog-Based CDN Framework for Minimizing Latency of Web Services Using Fog-Based HTTP Browser. <i>Future Internet</i> , 2021, 13, 320.	3.8	2
495	A Survey on Auction based Approaches for Resource Allocation and Pricing in Emerging Edge Technologies. <i>Journal of Grid Computing</i> , 2022, 20, 1.	3.9	6
496	Optimal Resource Allocation and Task Segmentation in IoT Enabled Mobile Edge Cloud. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 13294-13303.	6.3	40
497	Optimized Processing Placement Over a Vehicular Cloud. <i>IEEE Access</i> , 2022, 10, 41411-41428.	4.2	2
498	FAML: Fog Descriptor Language for Fog Service Development and Deployments. , 2022, , .		0
499	On the Edge of the Deployment: A Survey on Multi-access Edge Computing. <i>ACM Computing Surveys</i> , 2023, 55, 1-34.	23.0	26
500	Distributed intelligence on the Edge-to-Cloud Continuum: A systematic literature review. <i>Journal of Parallel and Distributed Computing</i> , 2022, 166, 71-94.	4.1	35
501	Distributed service placement in hierarchical fog environments. <i>Sustainable Computing: Informatics and Systems</i> , 2022, 34, 100744.	2.2	1
502	A survey on nature-inspired techniques for computation offloading and service placement in emerging edge technologies. <i>World Wide Web</i> , 2022, 25, 2049-2107.	4.0	8
504	Load Balancing Algorithms in Fog Computing. <i>IEEE Transactions on Services Computing</i> , 2023, 16, 1505-1521.	4.6	36

#	ARTICLE	IF	CITATIONS
506	Ensemble Deep Learning Intrusion Detection Model for Fog Computing Environments. International Journal of Software Innovation, 2022, 10, 1-14.	0.4	1
507	Graph-Based Heuristic Solution for Placing Distributed Video Processing Applications on Moving Vehicle Clusters. IEEE Transactions on Network and Service Management, 2022, 19, 3076-3089.	4.9	3
508	Meta-heuristic Based Hybrid Service Placement Strategies for Two-Level Fog Computing Architecture. Journal of Network and Systems Management, 2022, 30, .	4.9	14
509	A review on trust management in fog/edge computing: Techniques, trends, and challenges. Journal of Network and Computer Applications, 2022, 204, 103402.	9.1	18
510	The Edge of Exploration: An Edge Storage and Computing Framework for Ambient Noise Seismic Interferometry Using Internet of Things Based Sensor Networks. Sensors, 2022, 22, 3615.	3.8	3
511	A blockchain-based framework for automatic SLA management in fog computing environments. Journal of Supercomputing, 2022, 78, 16647-16677.	3.6	4
512	A compendium of radio resource management in UAV-assisted next generation computing paradigms. Ad Hoc Networks, 2022, 131, 102844.	5.5	5
513	Adaptive data placement in the Fog infrastructure of IoT applications with dynamic changes. Simulation Modelling Practice and Theory, 2022, 119, 102557.	3.8	4
514	Fog node discovery and selection: A Systematic literature review. Future Generation Computer Systems, 2022, 135, 114-128.	7.5	7
516	Towards Metaheuristic Scheduling Techniques in Cloud and Fog: An Extensive Taxonomic Review. ACM Computing Surveys, 2023, 55, 1-43.	23.0	27
517	Opportunistic Edge Computing Architecture for Smart Healthcare Systems. , 2022, , 321-338.		0
518	Innovative Concepts and Techniques of Data Analytics in Edge Computing Paradigms. , 2022, , 182-196.		0
519	Edge Architecture Integration of Technologies. , 2022, , 42-65.		0
520	Edge Computing. , 2022, , 387-398.		0
521	Deep Learning With Analytics on Edge. , 2022, , 97-114.		0
522	Multi-Access Edge and Fog Computing Technique Analysis for Security and Privacy of 6G-Driven Vehicular Communication Network in Industry 5.0 Internet. Advances in Digital Crime, Forensics, and Cyber Terrorism, 2022, , 1-17.	0.4	2
523	An Optimized Approach for Efficient-Power and Low-Latency Fog Environment Based on the PSO Algorithm. , 2021, , .		1
524	Distributed application execution in fog computing: A taxonomy, challenges and future directions. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 3887-3909.	3.9	4

#	ARTICLE	IF	CITATIONS
525	Flying through the secure fog: A complete study on UAVs in fog in heterogeneous networks. International Journal of Communication Systems, 2022, 35, .	2.5	8
526	Task Offloading for Deep Learning Empowered Automatic Speech Analysis in Mobile Edge-Cloud Computing Networks. IEEE Transactions on Cloud Computing, 2023, 11, 1985-1998.	4.4	2
527	Edgevpn: Self-Organizing Layer-2 Virtual Edge Networks. SSRN Electronic Journal, 0, , .	0.4	0
528	Do Arduinos Dream of Efficient Reasoners?. Lecture Notes in Computer Science, 2022, , 289-304.	1.3	1
529	Distributed asynchronous column generation. Computers and Operations Research, 2022, , 105894.	4.0	2
530	Blockchain-Enabled: Multi-Layered Security Federated Learning Platform for Preserving Data Privacy. Electronics (Switzerland), 2022, 11, 1624.	3.1	15
531	Node cooperation for workload offloading in a fog computing network via multi-objective optimization. Journal of Network and Computer Applications, 2022, 205, 103428.	9.1	6
532	From ideas to entrepreneurial opportunity: A study on AI. Systems Research and Behavioral Science, 2022, 39, 618-632.	1.6	3
533	On delivering <sc>cloud network</sc> slicing networking and service management through <sc>EDCS</sc> slice granularity monitoring. Internet Technology Letters, 2022, 5, .	1.9	0
534	Kubernetes Scheduling: Taxonomy, Ongoing Issues and Challenges. ACM Computing Surveys, 2023, 55, 1-37.	23.0	42
535	DISSEC: A distributed deep neural network inference scheduling strategy for edge clusters. Neurocomputing, 2022, 500, 449-460.	5.9	0
536	Towards Orchestration of Cloud-Edge Architectures with Kubernetes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 207-230.	0.3	2
537	Edge Computing Technology Enablers: A Systematic Lecture Study. IEEE Access, 2022, 10, 69264-69302.	4.2	15
538	Efficient Content Sharing Using Dynamic Fog in Cloud-Fog-Edge Three-Tiered Network. Lecture Notes in Networks and Systems, 2022, , 517-527.	0.7	1
539	Value-of-Information Middleware Solutions for Fog and Edge Computing. , 2022, , .		0
540	A review of fog computing and its simulators. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 745-756.	0.8	1
541	When IoT Data Meets Streaming in the Fog. , 2022, , .		0
542	Kalmia: A Heterogeneous QoS-aware Scheduling Framework for DNN Tasks on Edge Servers. , 2022, , .		7

#	ARTICLE	IF	CITATIONS
543	DHT-based Edge and Fog Computing Systems: Infrastructures and Applications. , 2022, , .		1
544	A2E2: Aerial-assisted energy-efficient edge sensing in intelligent public transportation systems. Journal of Systems Architecture, 2022, , 102617.	4.3	1
545	Edge Computing for Cyber-physical Systems: A Systematic Mapping Study Emphasizing Trustworthiness. ACM Transactions on Cyber-Physical Systems, 2022, 6, 1-28.	2.5	12
546	An Edge-Fog Architecture for Distributed 3D Reconstruction and Remote Monitoring of a Power Plant Site in the Context of 5G. Sensors, 2022, 22, 4494.	3.8	1
547	Secure olympics games with technology: Intelligent border surveillance for the 2022 Beijing winter olympics. Journal of Systems Architecture, 2022, 129, 102634.	4.3	3
549	Scheduling IoT Applications in Edge and Fog Computing Environments: A Taxonomy and Future Directions. ACM Computing Surveys, 2023, 55, 1-41.	23.0	30
550	Perseus: A framework for the continuous evaluation of the QoS of distributed mobile applications. Pervasive and Mobile Computing, 2022, 84, 101627.	3.3	3
551	Lightweight Blockchain-Based Architecture for 5g Enabled IoT. SSRN Electronic Journal, 0, , .	0.4	0
552	Hybrid Learning for Orchestrating Deep Learning Inference in Multi-user Edge-cloud Networks. , 2022, , .		2
553	A Novel Resource Management Framework for Fog Computing by Using Machine Learning Algorithm. , 2022, , 59-67.		0
554	Management, orchestration and workflow automation of Edge Computing services: The TANDEM approach. , 2022, , .		0
555	Continuous Deployment in IoT Edge Computing : A GitOps implementation. , 2022, , .		2
556	Blockchain and Federated Learning-enabled Distributed Secure and Privacy-preserving Computing Architecture for IoT Network. , 2022, , .		2
557	A Survey of Security Architectures for Edge Computing-Based IoT. IoT, 2022, 3, 332-365.	3.8	22
558	Predictable Fog Computing for Cyber-physical Systems. , 2022, , .		0
559	Edge computing for Vehicle to Everything: a short review. F1000Research, 0, 10, 1104.	1.6	1
560	Eye-tracking Technologies in Mobile Devices Using Edge Computing: A Systematic Review. ACM Computing Surveys, 2023, 55, 1-33.	23.0	3
561	Fog-Computing Based Healthcare Framework for Predicting Encephalitis Outbreak. Big Data Research, 2022, 29, 100330.	4.2	3

#	ARTICLE	IF	CITATIONS
562	Energy-efficient fuzzy data offloading for IoMT. <i>Computer Networks</i> , 2022, 213, 109127.	5.1	6
563	FogAI: An AI-supported fog controller for Next Generation IoT. <i>Internet of Things (Netherlands)</i> , 2022, 19, 100572.	7.7	7
564	Energy-Aware Resource Scheduling for Serverless Edge Computing. , 2022, , .		10
565	A Trust-Based Hierarchical Consensus Mechanism for Consortium Blockchain in Smart Grid. <i>Tsinghua Science and Technology</i> , 2023, 28, 69-81.	6.1	7
566	Enhanced Secure Technique for Detecting Cyber Attacks Using Artificial Intelligence and Optimal IoT. <i>Security and Communication Networks</i> , 2022, 2022, 1-13.	1.5	4
567	An Evaluation of Key Adoption Factors towards Using the Fog Technology. <i>Big Data and Cognitive Computing</i> , 2022, 6, 81.	4.7	2
568	Context-Aware Edge-Based AI Models for Wireless Sensor Networks—An Overview. <i>Sensors</i> , 2022, 22, 5544.	3.8	2
569	Edge computing. <i>Computing (Vienna/New York)</i> , 2022, 104, 2711-2747.	4.8	11
570	A Model for Power-Performance Optimization in Fog-Cloud Environment by Task Off-Loading of IoT Applications. , 2022, , .		1
571	The Effect of Fog Offloading on the Energy Consumption of Computational Nodes. , 2022, , .		1
572	Towards self-adaptive peer-to-peer monitoring for fog environments. , 2022, , .		6
573	Worker Resource Characterization Under Dynamic Usage in Multi-access Edge Computing. , 2022, , .		0
575	Value is King: The MECForge Deep Reinforcement Learning Solution for Resource Management in 5G and Beyond. <i>Journal of Network and Systems Management</i> , 2022, 30, .	4.9	3
576	A service collaboration method based on mobile edge computing in internet of things. <i>Multimedia Tools and Applications</i> , 2023, 82, 6505-6529.	3.9	3
577	Technological revolutions in smart farming: Current trends, challenges & future directions. <i>Computers and Electronics in Agriculture</i> , 2022, 201, 107217.	7.7	45
578	Effect of Messaging Model on the Reliable Data Transfer Latency in a Fog System. <i>Journal of Network and Systems Management</i> , 2022, 30, .	4.9	0
579	An Optimized Neuro_Fuzzy Based Regression Trees for Disease Prediction Framework. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 8487.	2.5	0
580	Edge computing-enabled secure and energy-efficient smart parking: A review. <i>Microprocessors and Microsystems</i> , 2022, 93, 104612.	2.8	6

#	ARTICLE	IF	CITATIONS
581	Robust Intra-Slice Migration in Fog Computing. , 2022, , .		0
582	Monitoring fog computing: A review, taxonomy and open challenges. Computer Networks, 2022, 215, 109189.	5.1	12
583	Intelligent user-collaborative edge device APC-based MEC 5G IoT for computational offloading and resource allocation. Journal of Parallel and Distributed Computing, 2022, 169, 286-300.	4.1	1
584	Edge and Fog Computing Business Value Streams through IoT Solutions: A Literature Review for Strategic Implementation. Information (Switzerland), 2022, 13, 427.	2.9	1
585	A reliability prediction model for a multistate cloud/edge-based network based on a deep neural network. Annals of Operations Research, 0, , .	4.1	0
586	A metric focused performance assessment of fog computing environments: A critical review. Computers and Electrical Engineering, 2022, 103, 108350.	4.8	13
587	Software Engineering for Edge Computing. , 2022, , 163-182.		1
588	A Survey on Trust Models in Heterogeneous Networks. IEEE Communications Surveys and Tutorials, 2022, 24, 2127-2162.	39.4	14
589	Real-Time Virtual Machine Scheduling in Industry IoT Network: A Reinforcement Learning Method. IEEE Transactions on Industrial Informatics, 2023, 19, 2129-2139.	11.3	15
591	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.	8.7	16
592	Data-Aware Service Placement in the Cloud-IoT Continuum. Communications in Computer and Information Science, 2022, , 139-158.	0.5	2
593	A Review of Trends, Opportunities, Practices, and Security Challenges in Cloud Computing for Telehealth. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 64-85.	0.3	0
594	Improving Fault Tolerance and Reliability of Heterogeneous Multi-Agent IoT Systems Using Intelligence Transfer. Electronics (Switzerland), 2022, 11, 2724.	3.1	4
595	A Survey on IoT-Enabled Smart Grids: Emerging, Applications, Challenges, and Outlook. Energies, 2022, 15, 6984.	3.1	58
596	Research on the Rapid Diagnostic Method of Rolling Bearing Fault Based on Cloud“Edge Collaboration. Entropy, 2022, 24, 1277.	2.2	0
597	A dark and stormy night: Reallocation storms in edge computing. Eurasip Journal on Wireless Communications and Networking, 2022, 2022, .	2.4	1
598	FENS: Fog-Enabled Network Slicing in SDN/NFV-Based IoV. Wireless Personal Communications, 2023, 128, 2175-2202.	2.7	3
599	Computation Offloading Scheme Classification Using Cloud-Edge Computing for Internet of Vehicles (IoV). Lecture Notes in Networks and Systems, 2023, , 459-485.	0.7	2

#	ARTICLE	IF	CITATIONS
600	Mobile Learning New Trends in Emerging Computing Paradigms: An Analytical Approach Seeking Performance Efficiency. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-17.	1.2	1
601	JORA: Blockchain-based efficient joint computing offloading and resource allocation for edge video streaming systems. <i>Journal of Systems Architecture</i> , 2022, 133, 102740.	4.3	12
602	Multiple Local-Edge-Cloud Collaboration Strategies in Industrial Internet of Things: A Hybrid Genetic-Based Approach. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-12.	1.1	3
603	Cloud-Edge-Terminal-Based Synchronized Decision-Making and Control System for Municipal Solid Waste Collection and Transportation. <i>Mathematics</i> , 2022, 10, 3558.	2.2	1
604	Hybrid cloud-fog computing workflow application placement: joint consideration of reliability and time credibility. <i>Multimedia Tools and Applications</i> , 0, , .	3.9	1
605	Joint computation offloading and parallel scheduling to maximize delay-guarantee in cooperative MEC systems. <i>Digital Communications and Networks</i> , 2022, , .	5.0	2
606	Methods and Techniques in Creative Tourism: Why Technologies Are So Relevant to Achieve Creativity?. , 2022, , 179-222.		2
607	Decoding the Interplay Between Latency, Reliability, Cost, and Energy While Provisioning Resources in Fog-Computing-Enabled IoT Networks. <i>IEEE Internet of Things Journal</i> , 2023, 10, 2404-2416.	8.7	4
608	An Efficient and Distributed Data Storage and Sharing Method Based on Blockchain. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 421-430.	0.4	0
609	A Visible Light Communication System to Support Indoor Guidance. <i>IFIP Advances in Information and Communication Technology</i> , 2022, , 235-252.	0.7	0
610	Adaptive Traffic Control Using Cooperative Communication Through Visible Light. <i>IFIP Advances in Information and Communication Technology</i> , 2022, , 315-331.	0.7	1
611	Towards an Architecture for Online Scheduling of Autonomous Robots in Agriculture. <i>International Journal of Smart Vehicles and Smart Transportation</i> , 2022, 5, 1-23.	0.7	0
612	Fog Computing or Cloud Computing: a Study. , 2022, , .		1
613	Journey from cloud of things to fog of things: Survey, new trends, and research directions. <i>Software - Practice and Experience</i> , 2023, 53, 496-551.	3.6	12
614	An optimal strategy for sustainable IoT device placements for agriculture. <i>Concurrent Engineering Research and Applications</i> , 0, , .	3.2	0
615	Fog Data Processing and Analytics for Agriculture IoT Data Streams. <i>International Journal of Next-generation Computing</i> , 0, , .	1.1	1
616	Big Data Pipelines on the Computing Continuum: Tapping the Dark Data. <i>Computer</i> , 2022, 55, 74-84.	1.1	7
617	Lightweight, secure, efficient, and dynamic scheme for mutual authentication of devices in Internetâ€Thingsâ€Fog environment. <i>Concurrency Computation Practice and Experience</i> , 2023, 35, .	2.2	4

#	ARTICLE	IF	CITATIONS
618	Data reduction in fog computing and internet of things: A systematic literature survey. Internet of Things (Netherlands), 2022, 20, 100629.	7.7	14
619	A new offloading method in the green mobile cloud computing based on a hybrid meta-heuristic algorithm. Sustainable Computing: Informatics and Systems, 2022, 36, 100812.	2.2	2
620	Task assignment for hybrid scenarios in spatial crowdsourcing: A Q-Learning-based approach. Applied Soft Computing Journal, 2022, 131, 109749.	7.2	3
621	EdgeVPN: Self-organizing layer-2 virtual edge networks. Future Generation Computer Systems, 2023, 140, 104-116.	7.5	3
622	Multi-Swarm PSO Algorithm for Static Workflow Scheduling in Cloud-Fog Environments. IEEE Access, 2022, 10, 117199-117214.	4.2	15
623	Exploring the Intersection of Consortium Blockchain Technologies and Multi-Access Edge Computing: Chronicles of a Proof of Concept Demo. IEEE Open Journal of the Communications Society, 2022, 3, 2203-2236.	6.9	1
624	Variance-Guided Structured Sparsity in Deep Neural Networks. IEEE Transactions on Artificial Intelligence, 2023, 4, 1714-1723.	4.7	0
625	Power Internet Assets Security Threat Assessment based on the Cost of Security Protection. , 2022, , .		0
626	Understanding Interdependencies among Fog System Characteristics. , 2022, , .		1
627	Decision-Making Approach for an IoRT-Aware Business Process Outsourcing. Digital, 2022, 2, 520-537.	2.2	1
628	Tiny Machine Learning for Resource-Constrained Microcontrollers. Journal of Sensors, 2022, 2022, 1-11.	1.1	7
630	In-depth analysis and open challenges of Mist Computing. Journal of Cloud Computing: Advances, Systems and Applications, 2022, 11, .	3.9	3
631	A systematic review of the purposes of Blockchain and fog computing integration: classification and open issues. Journal of Cloud Computing: Advances, Systems and Applications, 2022, 11, .	3.9	7
632	A survey of mobility-aware Multi-access Edge Computing: Challenges, use cases and future directions. Ad Hoc Networks, 2023, 140, 103044.	5.5	17
633	Applications of Cultural Algorithms in Different Branches of Science. , 2022, , 111-143.		0
634	Fog computing approaches in IoT-enabled smart cities. Journal of Network and Computer Applications, 2023, 211, 103557.	9.1	24
635	Optimized CPU–GPU collaborative acceleration of zero-knowledge proof for confidential transactions. Journal of Systems Architecture, 2023, 135, 102807.	4.3	3
636	Optimal placement of applications in the fog environment: A systematic literature review. Journal of Parallel and Distributed Computing, 2023, 174, 46-69.	4.1	4

#	ARTICLE	IF	CITATIONS
637	AI-based fog and edge computing: A systematic review, taxonomy and future directions. Internet of Things (Netherlands), 2023, 21, 100674.	7.7	39
638	Precision dairy farming: Opportunities and challenges for India. Indian Journal of Animal Sciences, 2022, 90, 1083-1094.	0.2	2
639	Cloud Continuum: The Definition. IEEE Access, 2022, 10, 131876-131886.	4.2	20
640	Joint Service Quality Control and Resource Allocation for Service Reliability Maximization in Edge Computing. IEEE Transactions on Communications, 2023, 71, 935-948.	7.8	10
641	Mobile Edge Computing for Rapid deployment Object Detection System. , 2022, , .		0
642	Refinery 4.0, a Review of the Main Challenges of the Industry 4.0 Paradigm in Oil & Gas Downstream. Sensors, 2022, 22, 9164.	3.8	4
643	In-Home Older Adults™ Activity Pattern Monitoring Using Depth Sensors: A Review. Sensors, 2022, 22, 9067.	3.8	8
644	Real-Time Surveillance Video Analytics: A Survey on the Computing Infrastructures. Lecture Notes in Networks and Systems, 2023, , 249-259.	0.7	0
645	Latency-Constrained Task Distribution in Multi-Access Edge Computing Systems. , 2022, , .		0
646	Approximation Opportunities in Edge Computing Hardware: A Systematic Literature Review. ACM Computing Surveys, 2023, 55, 1-49.	23.0	11
647	Application and Research of IoT Architecture for End-Net-Cloud Edge Computing. Electronics (Switzerland), 2023, 12, 1.	3.1	12
648	Dynamic Load Balancing Techniques in the IoT: A Review. Symmetry, 2022, 14, 2554.	2.2	11
649	Fog Computing, Cloud Computing and IoT Environment: Advanced Broker Management System. Journal of Sensor and Actuator Networks, 2022, 11, 84.	3.9	9
650	A human-centered, health data-driven ecosystem. , 2022, 1, .		1
651	Automating Heterogeneous IoT Device Networks from Multiple Brokers with Multiple Data Models. Lecture Notes in Computer Science, 2022, , 226-238.	1.3	0
652	IntelloIoT: Intelligent IoT Environments. Lecture Notes in Computer Science, 2022, , 55-68.	1.3	1
653	Macroprogramming: Concepts, State of the Art, and Opportunities of Macroscopic Behaviour Modelling. ACM Computing Surveys, 2023, 55, 1-37.	23.0	11
654	Intelligent Computing: The Latest Advances, Challenges, and Future. , 2023, 2, .		26

#	ARTICLE	IF	CITATIONS
655	Smart Data Placement Using Storage-as-a-Service Model for Big Data Pipelines. <i>Sensors</i> , 2023, 23, 564.	3.8	4
656	Novel Approaches for Resource Management Across Edge Servers. <i>International Journal of Networked and Distributed Computing</i> , 0, , .	1.9	0
657	Power enterprises-oriented carbon footprint verification system using edge computing and blockchain. <i>Frontiers in Energy Research</i> , 0, 10, .	2.3	0
658	A Many-objective Ensemble Optimization Algorithm for the Edge Cloud Resource Scheduling Problem. <i>IEEE Transactions on Mobile Computing</i> , 2023, , 1-18.	5.8	1
659	Analysis of architectures implemented for IIoT. <i>Heliyon</i> , 2023, 9, e12868.	3.2	4
660	UMLsec4Edge: Extending UMLsec to model data-protection-compliant edge computing systems. , 2022, , .		0
661	Integrity Assurance Model (IAM) for Data Privacy and Preservation in Fog Computing Framework. , 2022, , .		0
662	Recent Advances in Edge Computing for 6G. , 2022, , .		3
663	ML-ACE: Machine Learning Admission Control at the Edge. , 2022, , .		0
664	Machine Learning for Fog Computing: Review, Opportunities and a Fog Application Classifier and Scheduler. <i>Wireless Personal Communications</i> , 2023, 129, 853-880.	2.7	4
666	State-of-the-Art Load Balancing Algorithms for Mist-Fog-Cloud Assisted Paradigm: A Review and Future Directions. <i>Archives of Computational Methods in Engineering</i> , 2023, 30, 2725-2760.	10.2	8
667	DAIP: a delay-efficient and availability-aware IoT application placement in fog environments. <i>Computing (Vienna/New York)</i> , 0, , .	4.8	0
668	Speeding up Smartphone-Based Dew Computing: In Vivo Experiments Setup Via an Evolutionary Algorithm. <i>Sensors</i> , 2023, 23, 1388.	3.8	1
669	Multi-layer edge resource placement optimization for factories. <i>Journal of Intelligent Manufacturing</i> , 2024, 35, 825-840.	7.3	1
670	Internet of Things in aquaculture: A review of the challenges and potential solutions based on current and future trends. <i>Smart Agricultural Technology</i> , 2023, 4, 100187.	5.4	15
671	Integrating ROS and Android for Rescuers in a Cloud Robotics Architecture: Application to a Casualty Evacuation Exercise. , 2022, , .		4
672	Mobile-Kube: Mobility-aware and Energy-efficient Service Orchestration on Kubernetes Edge Servers. , 2022, , .		5
673	Deep Learning Based Anomaly Detection for Fog-Assisted IoVs Network. <i>IEEE Access</i> , 2023, 11, 19024-19038.	4.2	6

#	ARTICLE	IF	CITATIONS
674	Remedy or Resource Drain: Modeling and Analysis of Massive Task Offloading Processes in Fog. IEEE Internet of Things Journal, 2023, 10, 11669-11682.	8.7	0
675	Unsupervised GAN-Based Intrusion Detection System Using Temporal Convolutional Networks and Self-Attention. IEEE Transactions on Network and Service Management, 2023, 20, 4951-4963.	4.9	4
676	A model-based infrastructure for the specification and runtime execution of self-adaptive IoT architectures. Computing (Vienna/New York), 0, , .	4.8	3
677	BIM and IoT data fusion: The data process model perspective. Automation in Construction, 2023, 149, 104792.	9.8	15
678	Privacy-preserving edge caching: A probabilistic approach. Computer Networks, 2023, 226, 109654.	5.1	1
679	Optimal fog node selection based on hybrid particle swarm optimization and firefly algorithm in dynamic fog computing services. Engineering Applications of Artificial Intelligence, 2023, 121, 105998.	8.1	1
680	Fog computing for next-generation Internet of Things: Fundamental, state-of-the-art and research challenges. Computer Science Review, 2023, 48, 100549.	15.3	46
681	A review on fog computing: Issues, characteristics, challenges, and potential applications. , 2023, 10, 100049.		28
682	Performability analysis of adaptive drone computation offloading with fog computing. Future Generation Computer Systems, 2023, 145, 121-135.	7.5	4
683	Dynamic GPU power capping with online performance tracing for energy efficient GPU computing using DEPO tool. Future Generation Computer Systems, 2023, 145, 396-414.	7.5	7
684	A comprehensive Blockchain-oriented secure framework for SDN/Fog-based IoUT. International Journal of Information Security, 2023, 22, 1163-1175.	3.4	3
685	Unlocking the power of mist computing through clustering techniques in IoT networks. Internet of Things (Netherlands), 2023, 22, 100710.	7.7	9
686	An Efficient Data Analysis For Edge-Enabled Distributed Environments using Tractable Probabilistic Models. , 2022, , .		0
687	A Dual Ring Architecture Using Controllers for Better Load Balancing in Fog Computing Environment. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 144-154.	0.3	1
688	Offloading Mechanisms Based on Reinforcement Learning and Deep Learning Algorithms in the Fog Computing Environment. IEEE Access, 2023, 11, 12555-12586.	4.2	9
689	Towards an Efficient Fog-Based Forest Fire Management Architecture. International Journal of Organizational and Collective Intelligence, 2023, 13, 1-20.	0.3	0
690	Industry 5.0 or industry 4.0S? Introduction to industry 4.0 and a peek into the prospective industry 5.0 technologies. International Journal on Interactive Design and Manufacturing, 2023, 17, 947-979.	2.2	49
691	A fully distributed robust optimal control approach for air-conditioning systems considering uncertainties of communication link in IoT-enabled building automation systems. Energy and Built Environment, 2024, 5, 446-454.	5.9	2

#	ARTICLE	IF	CITATIONS
692	6G networks for artificial intelligence-enabled smart cities applications: A scoping review. , 2023, 9, 100044.		8
693	A Novel Deep Learning Mechanism for Workload Balancing in Fog Computing. , 2022, , .		1
694	Autonomous Vehicles Enabled by the Integration of IoT, Edge Intelligence, 5G, and Blockchain. Sensors, 2023, 23, 1963.	3.8	23
695	A trusted routing mechanism for multi-attribute chain energy optimization for Industrial Internet of Things. Neural Computing and Applications, 0, , .	5.6	1
696	The Cloud Continuum for Military Deployable Networks: Challenges and Opportunities. Lecture Notes in Computer Science, 2023, , 500-519.	1.3	0
697	Demands for Community Services and Associated Factors among Residents in Smart Communities: A Case Study of Xuzhou City. International Journal of Environmental Research and Public Health, 2023, 20, 3750.	2.6	1
698	A Deployment Model for IoT Devices Based on Fog Computing for Data Management and Analysis. Wireless Personal Communications, 0, , .	2.7	5
699	Fuzzy Q-learning approach for autonomic resource provisioning of IoT applications in fog computing environments. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 4237-4255.	4.9	0
700	Fog-cloud based intrusion detection system using Recurrent Neural Networks and feature selection for IoT networks. Computer Networks, 2023, 225, 109662.	5.1	13
701	A Novel Multi Algorithm Approach to Identify Network Anomalies in the IoT Using Fog Computing and a Model to Distinguish between IoT and Non-IoT Devices. Journal of Sensor and Actuator Networks, 2023, 12, 19.	3.9	6
702	Adaptive application offloading for QoS maximization in cloud-fog environment with delay-constraint. Peer-to-Peer Networking and Applications, 0, , .	3.9	1
703	Data Encryption in Fog Computing Using Hybrid Cryptography with Integrity Check. Lecture Notes in Networks and Systems, 2023, , 627-638.	0.7	0
704	Real-time trust aware scheduling in fog-cloud systems. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	0
705	Resource Scheduling in Edge Computing: Architecture, Taxonomy, Open Issues and Future Research Directions. IEEE Access, 2023, 11, 25329-25350.	4.2	18
706	A cyber physical production system framework for online monitoring, visualization and control by using cloud, fog, and edge computing technologies. International Journal of Computer Integrated Manufacturing, 0, , 1-19.	4.6	1
707	Cooperative guidance system for mobile users inside large buildings based on visible light communication. , 2023, , .		0
708	A Promising Integration of SDN and Blockchain for IoT Networks: A Survey. IEEE Access, 2023, 11, 29800-29822.	4.2	8
709	Location-aware Task Offloading in Mobile Edge Computing. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
710	DHFogSim: Smart Real-Time Traffic Management Framework for Fog Computing Systems. , 2022, , .		0
711	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.	3.8	11
712	Resource Management in Mobile Edge Computing: A Comprehensive Survey. ACM Computing Surveys, 2023, 55, 1-37.	23.0	2
713	Towards Edge Computing for 6G Internet of Everything: Challenges and Opportunities. , 2023, , .		2
714	Towards an Evolved Immersive Experience: Exploring 5G- and Beyond-Enabled Ultra-Low-Latency Communications for Augmented and Virtual Reality. Sensors, 2023, 23, 3682.	3.8	9
715	Continuum: Automate Infrastructure Deployment and Benchmarking in the Compute Continuum. , 2023, , .		1
716	Challenges of Reviews Scraped from Web Services Hosted on Edge Devices. , 2022, , .		0
717	A review on offloading in fog-based Internet of Things: Architecture, machine learning approaches, and open issues. High-Confidence Computing, 2023, 3, 100124.	3.7	2
718	Placement of Microservices-based IoT Applications in Fog Computing: A Taxonomy and Future Directions. ACM Computing Surveys, 2023, 55, 1-43.	23.0	15
719	Optimizing Edge-Cloud Synergy for Big Data Analytics. , 2023, , .		0
720	An Insight into the State-of-the-Art Vehicular Fog Computing with an Opportunistic Flavour. Lecture Notes in Computer Science, 2023, , 502-513.	1.3	0
721	An Empirical Study of Resource-Stressing Faults in Edge-Computing Applications. , 2023, , .		0
722	Deadline-aware multi-objective IoT services placement optimization in fog environment using parallel FFD-genetic algorithm. Pervasive and Mobile Computing, 2023, 92, 101800.	3.3	1
723	Delay and energy aware task scheduling mechanism for fog-enabled IoT applications: A reinforcement learning approach. Computer Networks, 2023, 224, 109603.	5.1	7
724	A comprehensive survey on reinforcement-learning-based computation offloading techniques in Edge Computing Systems. Journal of Network and Computer Applications, 2023, 216, 103669.	9.1	4
725	Semantic-Based Multi-Objective Optimization for QoS and Energy Efficiency in IoT, Fog, and Cloud ERP Using Dynamic Cooperative NSGA-II. Applied Sciences (Switzerland), 2023, 13, 5218.	2.5	0
726	Computation Offloading and Task Scheduling Based on Improved Integer Particle Swarm Optimization in Fog Computing. , 2023, , .		2
727	From Sensors to Safety: Internet of Emergency Services (IoES) for Emergency Response and Disaster Management. Journal of Sensor and Actuator Networks, 2023, 12, 41.	3.9	15

#	ARTICLE	IF	CITATIONS
728	A Cost Effective IoT-Assisted Framework Coupled with Fog Computing for Smart Agriculture. , 2023, , .		5
729	An Evaluation of e-Health Service Performance through the Integration of 5G IoT, Fog, and Cloud Computing. Sensors, 2023, 23, 5006.	3.8	3
730	Deep learning models for cloud, edge, fog, and IoT computing paradigms: Survey, recent advances, and future directions. Computer Science Review, 2023, 49, 100568.	15.3	12
731	Delay reduction in MTC using SDN based offloading in Fog computing. PLoS ONE, 2023, 18, e0286483.	2.5	2
732	Fortified-Edge: Secure PUF Certificate Authentication Mechanism for Edge Data Centers in Collaborative Edge Computing. , 2023, , .		4
733	Fog Computing Model Based on Queueing Theory. Lecture Notes in Networks and Systems, 2023, , 191-198.	0.7	0
734	Resource-aware multi-task offloading and dependency-aware scheduling for integrated edge-enabled IoT. Journal of Systems Architecture, 2023, 141, 102923.	4.3	4
735	Reinforcement Learning Methods for Computation Offloading: A Systematic Review. ACM Computing Surveys, 2024, 56, 1-41.	23.0	9
736	Lightweight Blockchain-Based Architecture for 5G Enabled IoT. IEEE Access, 2023, 11, 60223-60239.	4.2	2
737	Performance Evaluation of Hybrid Meta-Heuristics-Based Task Scheduling Algorithm for Energy Efficiency in Fog Computing. International Journal of Cloud Applications and Computing, 2023, 13, 1-16.	2.0	1
738	Developing Distributed WoT Applications for the Cloud-to-thing Continuum. Lecture Notes in Computer Science, 2023, , 418-420.	1.3	0
739	Vehicular Visible Light Communication for Intersection Management. Signals, 2023, 4, 457-477.	1.9	2
740	A Comprehensive Survey of Trending Tools and Techniques in Deep Learning. , 2023, , .		2
742	Auto-scaling techniques in container-based cloud and edge/fog computing: Taxonomy and survey. Computer Communications, 2023, 209, 120-150.	5.1	5
743	Internet of Things in Power Systems: A Bibliometric Analysis. , 2023, , .		0
744	5G Multi-Access Edge Computing: A Survey on Security, Dependability, and Performance. IEEE Access, 2023, 11, 63496-63533.	4.2	2
745	VFogSim: A Data-Driven Platform for Simulating Vehicular Fog Computing Environment. IEEE Systems Journal, 2023, 17, 5002-5013.	4.6	2
746	Diktyo: Network-Aware Scheduling in Container-Based Clouds. IEEE Transactions on Network and Service Management, 2023, 20, 4461-4477.	4.9	2

#	ARTICLE	IF	CITATIONS
747	Assessing and enhancing a Cloud-IoT monitoring service over federated testbeds. <i>Future Generation Computer Systems</i> , 2023, 147, 77-92.	7.5	3
748	Cloud Computing to Fog Computing: A Paradigm Shift. , 0, , .		1
749	Edge computing for Vehicle to Everything: a short review. <i>F1000Research</i> , 0, 10, 1104.	1.6	0
750	Edge computing: A systematic mapping study. <i>Concurrency Computation Practice and Experience</i> , 2023, 35, .	2.2	0
751	IT-Architekturen. , 2023, , 231-253.		0
752	Managing complexity of data models and performance in broker-based Internet/Web of Things architectures. <i>Internet of Things (Netherlands)</i> , 2023, 23, 100834.	7.7	1
753	Explainable Intrusion Detection for Cyber Defences in the Internet of Things: Opportunities and Solutions. <i>IEEE Communications Surveys and Tutorials</i> , 2023, 25, 1775-1807.	39.4	15
754	IoT systems with multi-tier, distributed intelligence: From architecture to prototype. <i>Pervasive and Mobile Computing</i> , 2023, 93, 101818.	3.3	1
755	Security Threats to 5G Networks for Social Robots in Public Spaces: A Survey. <i>IEEE Access</i> , 2023, 11, 63205-63237.	4.2	3
756	Sustainable Cloud-Edge Infrastructure as a Service. , 2023, , .		0
757	A comprehensive review on Internet of Things application placement in Fog computing environment. <i>Internet of Things (Netherlands)</i> , 2023, 23, 100866.	7.7	16
758	The improvement of wavefront cellular learning automata for task scheduling in fog computing. <i>Transactions on Emerging Telecommunications Technologies</i> , 0, , .	3.9	0
759	The survey and meta-analysis of the attacks, transgressions, countermeasures and security aspects common to the Cloud, Edge and IoT. <i>Neurocomputing</i> , 2023, 551, 126533.	5.9	5
760	A Comparative Study on Cloud and Edge Computing: A Survey on Current Research Activities and Applications. , 2023, , .		1
763	A scalable and flexible platform for service placement in multi-fog and multi-cloud environments. <i>Journal of Supercomputing</i> , 2024, 80, 1109-1136.	3.6	2
764	The SPEC-RG Reference Architecture for The Compute Continuum. , 2023, , .		3
765	SeMaFoR - Self-Management of Fog Resources with Collaborative Decentralized Controllers. , 2023, , .		0
767	Towards Characterization of Edge-Cloud Continuum. <i>Lecture Notes in Computer Science</i> , 2023, , 215-230.	1.3	1

#	ARTICLE	IF	CITATIONS
768	Proactive SLA-aware Application Placement in the Computing Continuum. , 2023, , .		0
769	An efficient distributed and secure algorithm for transaction confirmation in IOTA using cloud computing. Journal of Supercomputing, 0, , .	3.6	1
770	AI-Powered Edge Computing Evolution for Beyond 5G Communication Networks. , 2023, , .		1
771	An optimal design method for communication topology of wireless sensor networks to implement fully distributed optimal control in IoT-enabled smart buildings. Applied Energy, 2023, 349, 121539.	10.1	4
772	Edge, fog, and cloud computing in IoT-Significance and security concerns. I-manager's Journal on Cloud Computing, 2023, 10, 17.	1.2	0
773	Visible Light Communication at Urban Intersections to Improve Traffic Signaling and Cooperative Trajectories. , 2023, , .		1
774	Unboxing fog security: a review of fog security and authentication mechanisms. Computing (Vienna/New York), 2023, 105, 2793-2819.	4.8	2
775	PQ-Mist: Priority Queueing-Assisted Mist's "Cloud" Fog System for Geospatial Web Services. Mathematics, 2023, 11, 3562.	2.2	2
777	Relation between Edge Computing and the Internet of Things: A Systematic Literature Review. , 2023, , .		0
778	A reinforcement learning-based load balancing algorithm for fog computing. Telecommunication Systems, 0, , .	2.5	0
779	Exploring Delay Reduction on Edge Computing Architectures from a Heuristic Approach. Lecture Notes in Computer Science, 2023, , 121-132.	1.3	0
780	Reinforcement Learning-Based Approach for Microservices-Based Application Placement in Edge Environment. , 2023, , .		0
781	TEVAC: Trusted Evacuation System based Fog Computing. , 2023, , .		1
782	TransScale: Combined-Approach Elasticity for Stream Processing in Fog Environments. , 2023, , .		0
783	Task Allocation in the Edge Cloud Scenario Incorporating Priority: A Simulation-based Study. Lecture Notes in Networks and Systems, 2023, , 491-501.	0.7	0
784	FCA-SAPO: A New Comprehensive Fog Computing Adoption Model for Saudi Arabian Public Organisations. Lecture Notes in Networks and Systems, 2023, , 69-85.	0.7	0
785	Fog and edge computing: State-of-art, application and challenges in IoT. AIP Conference Proceedings, 2023, , .	0.4	0
786	A Survey of Faults and Fault-Injection Techniques in Edge Computing Systems. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
787	A Fuzzy-Based Approach for the Assessment of the Edge Layer Processing Capability in SDN-VANETs: A Comparison Study of Testbed and Simulation System Results. <i>Vehicles</i> , 2023, 5, 1087-1103.	3.1	0
788	Design of a Novel Edge-Centric Cloud Architecture for m-Learning Performance Effectiveness by Leveraging Distributed Computing Paradigmsâ€™ Potentials. <i>SAGE Open</i> , 2023, 13, .	1.7	0
789	Early Detection of Earthquakes Using IoT and Cloud Infrastructure: A Survey. <i>Sustainability</i> , 2023, 15, 11713.	3.2	6
790	Edge Computing and Network Softwarization for the Internet of Healthcare Things. <i>Signals and Communication Technology</i> , 2024, , 193-215.	0.5	0
791	Fog Computing Complete Review: Concepts, Trends, Architectures, Technologies, Simulators, Security Issues, Applications, and Open Research Fields. <i>SN Computer Science</i> , 2023, 4, .	3.6	2
792	Revolutionizing supply chain andâ€™circular economy with edge computing: systematic review, research themes and future directions. <i>Management Decision</i> , 0, , .	3.9	4
793	Dynamic, Context-Aware Cross-Layer Orchestration of Containerized Applications. <i>IEEE Access</i> , 2023, 11, 93129-93150.	4.2	0
794	Machine learning-based solutions for resource management in fog computing. <i>Multimedia Tools and Applications</i> , 2024, 83, 23019-23045.	3.9	3
795	A decade of research in fog computing: Relevance, challenges, and future directions. <i>Software - Practice and Experience</i> , 0, , .	3.6	11
796	Distributed Architectures Based on Edge Computing, Fog Computing and End Devices: A Conceptual Review Incorporating Resilience Aspects. <i>Communications in Computer and Information Science</i> , 2023, , 31-44.	0.5	0
797	An integrating computing framework based on edge-fog-cloud for internet of healthcare things applications. <i>Internet of Things (Netherlands)</i> , 2023, 23, 100907.	7.7	2
798	Reducing latency in fog computing through resource allocation optimization using cuckoo search algorithm. , 2023, , .		0
799	Lightweight Unified Collaborated Relinquish Edge Intelligent Gateway Architecture With Joint Optimization. <i>IEEE Access</i> , 2023, 11, 90396-90409.	4.2	2
800	Mobility-aware fog computing in dynamic networks with mobile nodes: A survey. <i>Journal of Network and Computer Applications</i> , 2023, 219, 103724.	9.1	2
801	Edge Service Allocation Based on Clustering Techniques. <i>Lecture Notes in Networks and Systems</i> , 2023, , 429-441.	0.7	0
802	Internet of Things and Dew Computing-Based System for Smart Agriculture. <i>Internet of Things</i> , 2024, , 289-316.	1.7	1
803	Dew as a Service for Intermittently Connected Internet of Drone Things. <i>Internet of Things</i> , 2024, , 241-260.	1.7	0
804	Towards a Prime Directive of SLOs. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
805	Reduce Energy Consumption by Intelligent Decision-Making in a Fog-Cloud Environment. <i>Wireless Personal Communications</i> , 0, , .	2.7	0
807	Recent Advances and Challenges in Internet of Things (IoT)-Based Smartphone Biosensors for COVID-19 and Zika Viruses Detection: A Review. <i>IEEE Sensors Journal</i> , 2023, 23, 24123-24134.	4.7	1
808	An Online Fog Computing Task Offloading Algorithm Based on Robust Evolutionary Optimization. , 2023, , .		0
809	Analysis of Geospatial Data Collected by Drones as Part of Aerial Computing. <i>Transactions on Computer Systems and Networks</i> , 2023, , 33-89.	0.7	0
810	Fog-cloud scheduling simulator for reinforcement learning algorithms. <i>International Journal of Information Technology (Singapore)</i> , 0, , .	2.7	0
811	Memcapacitor Crossbar Array with Charge Trap NAND Flash Structure for Neuromorphic Computing. <i>Advanced Science</i> , 2023, 10, .	11.2	1
812	Performance and Energy Aware Task Scheduling in Fog Computing. , 2023, , .		0
813	Fog Computing and Edge Computing: Open Issues, Critical Challenges and the Road Ahead for Future. , 2023, , .		0
814	Insights into Internet of Medical Things (IoMT): Data fusion, security issues and potential solutions. <i>Information Fusion</i> , 2024, 102, 102060.	19.1	8
815	Exploring the Potential of Distributed Computing Continuum Systems. <i>Computers</i> , 2023, 12, 198.	3.3	5
816	Edge “ Cloud “ IoT based architecture for video surveillance. <i>AIP Conference Proceedings</i> , 2023, , .	0.4	0
817	IoT-Driven Sustainable Development and Future Trends in Industries. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2023, , 1-11.	0.4	0
818	Edge Video Analytics: A Survey on Applications, Systems and Enabling Techniques. <i>IEEE Communications Surveys and Tutorials</i> , 2023, 25, 2951-2982.	39.4	0
819	Uncovering Effective Roles and Tasks for Fog Systems. <i>Lecture Notes in Computer Science</i> , 2023, , 119-135.	1.3	0
820	Pithy & Comprehensive Review of Practical and Literal Models. , 2023, , 14-39.		0
821	An efficient fuzzy hyper-edge clustering and popularity-based caching scheme for CCN-enabled IoT networks. <i>Multimedia Tools and Applications</i> , 0, , .	3.9	0
822	Mapping smart farming: Addressing agricultural challenges in data-driven era. <i>Renewable and Sustainable Energy Reviews</i> , 2024, 189, 113858.	16.4	3
823	Optimal service provisioning in IoT fog-based environment for QoS-aware delay-sensitive application. <i>Computers and Electrical Engineering</i> , 2023, 111, 108984.	4.8	0

#	ARTICLE	IF	CITATIONS
824	Rapid-Prototyping of Integrated Edge/Fog and DLT/Blockchain Systems with Fogbed. , 2023, , .		0
825	RTAL: An edge computing method for real-time rice lodging assessment. Computers and Electronics in Agriculture, 2023, 215, 108386.	7.7	0
826	Internet of things challenges and future scope for enhanced living environments. Advances in Computers, 2024, , 201-246.	1.6	0
827	Generative Artificial Intelligence and Metaverse: Future of Work, Future of Society, and Future of Humanity. Communications in Computer and Information Science, 2024, , 118-127.	0.5	1
828	A Hybrid Particle Whale Optimization Algorithm with application to workflow scheduling in cloudâ€‘fog environment. Decision Analytics Journal, 2023, 9, 100361.	4.8	2
829	Design of A Distributed Intrusion Detection System for Streaming Data in IoT Environments. , 2023, , .		0
830	Design of A Distributed Intrusion Detection System for Streaming Data in IoT Environments. , 2023, , .		0
831	Edge computing for Vehicle to Everything: a short review. F1000Research, 0, 10, 1104.	1.6	0
833	Artificial Intelligence for Internet of Things as a Service: Small or Big Data, Private or Public Model, Centralized or Federated Learning?. Computer, 2023, 56, 65-79.	1.1	0
834	Resilient Fog-Based Adaptive Traffic Control System. , 2023, , .		0
835	A Completely Distributed Cloudlet Framework Using 410c SoC. , 2023, , .		1
836	Four-layer Architecture for IoT Security in Fog Network. , 2023, , .		1
837	On the Effectiveness of Fog Offloading in a Mobility-Aware Healthcare Environment. Digital, 2023, 3, 300-318.	2.2	0
838	Human-AI Interaction and AI Avatars. Lecture Notes in Computer Science, 2023, , 120-130.	1.3	0
839	IoT-Based Local Setup for Interfacing Resource Constrained Devices: A Survey. , 2023, , .		0
842	Architecture for Smart Buildings Based on Fuzzy Logic and the OpenFog Standard. Electronics (Switzerland), 2023, 12, 4889.	3.1	0
843	Task offloading in an optimized powerâ€‘performance manner. International Journal of Communication Systems, 2024, 37, .	2.5	0
844	Next Generation Task Offloading Techniques in Evolving Computing Paradigms: Comparative Analysis, Current Challenges, and Future Research Perspectives. Archives of Computational Methods in Engineering, 0, , .	10.2	1

#	ARTICLE	IF	CITATIONS
845	Algorithmic Aspects of Distributed Hash Tables on Cloud, Fog, and Edge Computing Applications: A Survey. Lecture Notes in Computer Science, 2024, , 133-171.	1.3	0
846	From Cyber-Physical Convergence to Digital Twins: A Review on Edge Computing Use Case Designs. Applied Sciences (Switzerland), 2023, 13, 13262.	2.5	1
847	Edge AI for Internet of Energy: Challenges and perspectives. Internet of Things (Netherlands), 2024, 25, 101035.	7.7	0
848	The Foggy Frontier: Exploring the Fog and Edge Computing for Online Games. Communications in Computer and Information Science, 2024, , 131-139.	0.5	0
849	An efficient task offloading strategy based on Aquila Student Psychology Optimization Algorithm in internet of vehicles fog computing systems. International Journal of Communication Systems, 2024, 37, .	2.5	0
850	Fog-Based Resource Allocation Hybrid Approach Using Metaheuristic for Mobile Networks. , 2023, , .		0
851	Leveraging pervasive computing for ambient intelligence: A survey on recent advancements, applications and open challenges. Computer Networks, 2024, 239, 110156.	5.1	0
852	A distributed reliable collusion-free algorithm for selecting multiple coordinators in IOTA using fog computing. Concurrency Computation Practice and Experience, 0, , .	2.2	0
853	Key Technologies for 6G-Enabled Smart Sustainable City. Electronics (Switzerland), 2024, 13, 268.	3.1	0
854	IoT systems modeling and performance evaluation. Computer Science Review, 2023, 50, 100598.	15.3	0
856	Resource Utilization Comparison of KubeEdge, K3s, and Nomad for Edge Computing. , 2023, , .		0
857	Internet of Things Security in Cloud: A Review on Fog Layer Security. , 2023, , .		0
858	AI-Empowered Fog/Edge Resource Management for IoT Applications: A Comprehensive Review, Research Challenges, and Future Perspectives. IEEE Communications Surveys and Tutorials, 2024, 26, 619-669.	39.4	7
859	Towards A Data Privacy-Aware Execution Zone Creation on Cloud/Fog Platform. , 2023, , .		0
860	Multi-Access Edge Computing Handover Strategies, Management, and Challenges: A Review. IEEE Access, 2024, 12, 4660-4673.	4.2	0
861	Multiconstraint-based quality of service-aware joint optimistic framework for non-orthogonal multiple access-based fog computing vehicular network. Computers and Electrical Engineering, 2024, 114, 109070.	4.8	0
862	Adaptive Traffic Control Using Cooperative Communication Through Visible Light. SN Computer Science, 2024, 5, .	3.6	0
863	Enhancing modular application placement in a hierarchical fog computing: A latency and communication cost-sensitive approach. Computer Communications, 2024, 216, 95-111.	5.1	0

#	ARTICLE	IF	CITATIONS
864	A Survey on Fog Computing in IoT. VFAST Transactions on Software Engineering, 2022, 9, 68-81.	0.0	0
865	Federated learning for performance behavior detection in a fog-IoT system. Internet of Things (Netherlands), 2024, 25, 101078.	7.7	0
866	Volunteer Computing for fog scalability: A systematic literature review. Internet of Things (Netherlands), 2024, 25, 101072.	7.7	0
867	Mobility-aware task offloading in MEC with task migration and result caching. Ad Hoc Networks, 2024, 156, 103411.	5.5	0
868	Thoughts on Edge Sensing and Processing. , 2023, , .		0
869	iTEVAC: an enhanced trusted evacuation system leveraging fog computing and IoT. Journal of Information and Telecommunication, 0, , 1-35.	2.8	0
870	Ontological Modeling and Clustering Techniques for Service Allocation on the Edge: A Comprehensive Framework. Electronics (Switzerland), 2024, 13, 477.	3.1	0
871	A Federated Deep Reinforcement Learning-based Low-power Caching Strategy for Cloud-edge Collaboration. Journal of Grid Computing, 2024, 22, .	3.9	0
872	Fault Tolerant Edge Computing: Challenges and Opportunities. , 2023, , .		0
873	A Method for Installing Intelligent Fusion Terminal in 0.4kV Distribution Cabinets When Powered. , 2023, , .		0
874	Pattern of Edge-Eligible Deployment Plan for Modular Software. , 2023, , .		0
875	Generic IoT for Smart Buildings and Field-Level Automationâ€™ Challenges, Threats, Approaches, and Solutions. Computers, 2024, 13, 45.	3.3	0
877	Intelligent service placement algorithm based on DDQN and prioritized experience replay in IoT-Fog computing environment. Internet of Things (Netherlands), 2024, 25, 101112.	7.7	0
878	The Fusion of Fog Computing and Intelligent Technologies for Parkinson's Disease Care. Advances in Medical Technologies and Clinical Practice Book Series, 2024, , 52-69.	0.3	0
879	Cloud-Based Testbed for Large-Scale Data Collection System with Network-Edge. , 2024, , .		0
880	A secure edge computing model using machine learning and IDS to detect and isolate intruders. MethodsX, 2024, 12, 102597.	1.6	0
881	Enhancing Urban Intersection Efficiency: Visible Light Communication and Learning-Based Control for Traffic Signal Optimization and Vehicle Management. Symmetry, 2024, 16, 240.	2.2	0
882	Multi-Objective and Constrained Reinforcement Learning for IoT. , 2024, , 153-170.		0

#	ARTICLE	IF	CITATIONS
883	Edge Computing for IoT. , 2024, , 1-20.		0
884	Why it does not work? Metaheuristic task allocation approaches in Fog-enabled Internet of Drones. Simulation Modelling Practice and Theory, 2024, 133, 102913.	3.8	0
885	Edge Offloading in Smart Grid. Smart Cities, 2024, 7, 680-711.	9.4	0
886	Efficient algorithm for error optimization and resource prediction to mitigate cost and energy consumption in a cloud environment. International Journal of Information Technology (Singapore), 2024, 16, 2187-2197.	2.7	0
887	Implementing an Intelligent Energy Management Framework for IoT Edge Devices. , 2023, , .		0
888	Microservice instances selection and load balancing in fog computing using deep reinforcement learning approach. Future Generation Computer Systems, 2024, 156, 77-94.	7.5	0
889	Analyzing Threats and Attacks in Edge Data Analytics within IoT Environments. IoT, 2024, 5, 123-154.	3.8	0
890	Computation offloading techniques in edge computing: A systematic review based on energy, QoS and authentication. Concurrency Computation Practice and Experience, 0, , .	2.2	0
891	RCFS: rate and cost fair CPU scheduling strategy in edge nodes. Journal of Supercomputing, 0, , .	3.6	0
892	Adaptive approximate computing in edge AI and IoT applications: A review. Journal of Systems Architecture, 2024, 150, 103114.	4.3	0
893	An energy-aware module placement strategy in fog-based healthcare monitoring systems. Cluster Computing, 0, , .	5.0	0
894	Examining Privacy and Trust Issues at the Edge of Isomorphic IoT Architectures: Case Liquid AI. , 2023, , .		0