

Internet of Things (IoT), mobile cloud, cloudlet, mobile
edge emerging computing paradigms: Disambiguation a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Disturbance and Signal Filter for Power Line Communication. Electronics (Switzerland), 2019, 8, 378.	1.8	8
2	BUS: A Blockchain-Enabled Data Acquisition Scheme With the Assistance of UAV Swarm in Internet of Things. IEEE Access, 2019, 7, 103231-103249.	2.6	69
3	PRISER: Managing Notification in Multiples Devices with Data Privacy Support. Sensors, 2019, 19, 3098.	2.1	23
4	CFADefense: A Security Solution to Detect and Mitigate Crossfire Attacks in Software-Defined IoT-Edge Infrastructure. , 2019, , .		17
5	A Hybrid Transmission Based Data Collection Scheme With Delay and Reliability Guaranteed for Lossy WSNs. IEEE Access, 2019, 7, 70474-70485.	2.6	6
6	Delay Minimization by Offloading in Fog Computing. , 2019, , .		0
7	Optimal Assignment of Augmented Reality Tasks for Edge-Based Variable Infrastructures. Proceedings (mdpi), 2019, 31, .	0.2	0
8	Device-Enhanced MEC: Multi-Access Edge Computing (MEC) Aided by End Device Computation and Caching: A Survey. IEEE Access, 2019, 7, 166079-166108.	2.6	146
9	Internet of Things for Healthcare Using Effects of Mobile Computing: A Systematic Literature Review. Wireless Communications and Mobile Computing, 2019, 2019, 1-20.	0.8	119
10	Power Consumption Analysis, Measurement, Management, and Issues: A State-of-the-Art Review of Smartphone Battery and Energy Usage. IEEE Access, 2019, 7, 182113-182172.	2.6	100
11	BUAV: A blockchain based secure UAV-assisted data acquisition scheme in Internet of Things. Journal of Communications and Networks, 2019, 21, 491-502.	1.8	72
12	Towards Real-Time Edge Analytics - A Survey Literature Review of Real-Time Data Acquisition Evolution in the Upstream Oil and Gas Industry. , 2019, , .		1
13	Construction of a microbubble generation and measurement unit for use in flotation systems. Chemical Engineering Research and Design, 2020, 153, 212-219.	2.7	7
14	Impact of Post Cloud Computing Paradigms on IoT. , 2020, , .		2
15	An Empirical Study on System Level Aspects of Internet of Things (IoT). IEEE Access, 2020, 8, 188082-188134.	2.6	111
16	An Intelligent and Cost-Efficient Resource Consolidation Algorithm in Nanoscale Computing Environments. Applied Sciences (Switzerland), 2020, 10, 6494.	1.3	2
17	Exploring compression and parallelization techniques for distribution of deep neural networks over Edgeâ€œFog continuum â€œ a review. International Journal of Intelligent Computing and Cybernetics, 2020, 13, 331-364.	1.6	8
18	Bibliometric Analysis of Scientific Productivity around Edge Computing and the Internet of Things. IoT, 2020, 1, 436-450.	2.3	3

#	ARTICLE	IF	CITATIONS
19	QoE Aware IoT Application Placement in Fog Computing Using Modified-TOPSIS. <i>Mobile Networks and Applications</i> , 2020, 25, 1816-1832.	2.2	27
20	Multi-access edge computing enabled internet of things: advances and novel applications. <i>Neural Computing and Applications</i> , 2020, 32, 15313-15316.	3.2	28
21	Cloud of Things: architecture, applications and challenges. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 5957-5975.	3.3	15
22	Review of Internet of Things (IoT): Security Issue and Solution. , 2020, , .		5
23	Application of Wireless Sensor Network Based on Hierarchical Edge Computing Structure in Rapid Response System. <i>Electronics (Switzerland)</i> , 2020, 9, 1176.	1.8	10
24	The technological advancements that enabled the age of big data in the environmental sciences: A history and future directions. <i>Current Opinion in Environmental Science and Health</i> , 2020, 18, 63-69.	2.1	6
25	VNF Placement for Service Function Chains with Strong Low-Delay Restrictions in Edge Computing Networks. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6573.	1.3	4
26	Architectural Design Alternatives Based on Cloud/Edge/Fog Computing for Connected Vehicles. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 2349-2377.	24.8	78
27	A RESTful Rule Management Framework for Internet of Things Applications. <i>IEEE Access</i> , 2020, 8, 217987-218001.	2.6	7
28	In-Network Caching and Edge Computing-Based Live Broadcasting Optimization for Football Competitions. <i>Mobile Information Systems</i> , 2020, 2020, 1-8.	0.4	1
29	A hierarchical task scheduling strategy in mobile edge computing. <i>Internet Technology Letters</i> , 2020, 4, e224.	1.4	2
30	Energy-Efficient Deployment of IoT Applications in Edge-Based Infrastructures: A Software Product Line Approach. <i>IEEE Internet of Things Journal</i> , 2021, 8, 16427-16439.	5.5	6
31	Collaborative hierarchical caching and transcoding in edge network with CE-D2D communication. <i>Journal of Network and Computer Applications</i> , 2020, 172, 102801.	5.8	13
32	Complementing IoT Services Through Software Defined Networking and Edge Computing: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 1761-1804.	24.8	208
33	Context-Aware Kubernetes Scheduler for Edge-native Applications on 5G. <i>Journal of Communications Software and Systems</i> , 2020, 16, 85-94.	0.6	14
34	A comparative node evaluation model for highly heterogeneous massive-scale Internet of Things-Mist networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e3924.	2.6	8
35	Cloud Integrated IoT Enabled Sensor Network Security: Research Issues and Solutions. <i>Wireless Personal Communications</i> , 2020, 113, 747-771.	1.8	30
36	Indoor temperature monitoring using wireless sensor networks: A SMAC application in smart cities. <i>Sustainable Cities and Society</i> , 2020, 61, 102333.	5.1	36

#	ARTICLE	IF	CITATIONS
37	Security Analysis of IoT Devices by Using Mobile Computing: A Systematic Literature Review. IEEE Access, 2020, 8, 120331-120350.	2.6	97
38	Multi-criteria-Based Mobile Hotspot Selection in IoT-Based Highly Dense Network. Wireless Personal Communications, 2020, 112, 1689-1704.	1.8	3
39	Security Challenges and Strategies for the IoT in Cloud Computing. , 2020, , .		14
40	Machine learning based solutions for security of Internet of Things (IoT): A survey. Journal of Network and Computer Applications, 2020, 161, 102630.	5.8	266
41	Unification of Blockchain and Internet of Things (BloT): requirements, working model, challenges and future directions. Wireless Networks, 2021, 27, 55-90.	2.0	112
42	Cloud computing in construction industry: Use cases, benefits and challenges. Automation in Construction, 2021, 122, 103441.	4.8	163
43	Evolution of IoT-enabled connectivity and applications in automotive industry: A review. Vehicular Communications, 2021, 27, 100285.	2.7	53
44	Advanced Sensorless Weather Station Implementation Using ESP32. Lecture Notes in Networks and Systems, 2021, , 165-174.	0.5	1
45	Internet of Behaviours (IoB) and its role in customer services. Sensors International, 2021, 2, 100122.	4.9	27
46	Support Vector Machine Intrusion Detection Scheme Based on Cloud-Fog Collaboration. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 321-334.	0.2	0
47	Review of Internet of Things in Different Sectors: Recent Advances, Technologies, and Challenges. Journal on Internet of Things, 2021, 3, 19-26.	0.4	6
48	Designing the Security Enhancement Features in the Future Headphone Experience. Lecture Notes in Computer Science, 2021, , 90-108.	1.0	1
49	An Advanced Analysis of Cloud Computing Concepts Based on the Computer Science Ontology. Computers, Materials and Continua, 2021, 66, 2425-2443.	1.5	8
50	Hierarchical Scheduling Mechanisms in Multi-Level Fog Computing. IEEE Transactions on Services Computing, 2022, 15, 2824-2837.	3.2	16
51	Aerospace Transformation through Industry 4.0 Technologies. SpringerBriefs in Applied Sciences and Technology, 2021, , 17-46.	0.2	3
52	Dispersed Computing for Tactical Edge in Future Wars: Vision, Architecture, and Challenges. Wireless Communications and Mobile Computing, 2021, 2021, 1-31.	0.8	12
53	Review and State of Art of Fog Computing. Archives of Computational Methods in Engineering, 2021, 28, 3631-3643.	6.0	33
55	Trends, benefits, risks, and challenges of IoT implementation in residential and commercial buildings. Energy and Built Environment, 2022, 3, 251-266.	2.9	50

#	ARTICLE	IF	CITATIONS
56	Adopting elitism-based Genetic Algorithm for minimizing multi-objective problems of IoT service placement in fog computing environment. Journal of Network and Computer Applications, 2021, 178, 102972.	5.8	55
57	Resource Management Techniques for Cloud/Fog and Edge Computing: An Evaluation Framework and Classification. Sensors, 2021, 21, 1832.	2.1	51
58	Virtual reality: A survey of enabling technologies and its applications in IoT. Journal of Network and Computer Applications, 2021, 178, 102970.	5.8	45
59	IoT and Cloud Computing Issues, Challenges and Opportunities: A Review. Qubahan Academic Journal, 2021, 1, 1-7.	2.6	153
60	Current Research Trends in IoT Security: A Systematic Mapping Study. Mobile Information Systems, 2021, 2021, 1-25.	0.4	13
61	Evaluation and Analysis of Traditional Physical Training by Using Mobile Edge Computing and Software-Defined Networking. Mobile Information Systems, 2021, 2021, 1-9.	0.4	0
62	Reporting of Hospital Facility on Smartphone. Journal of Physics: Conference Series, 2021, 1807, 012013.	0.3	3
63	A configurable evaluation system for PLC experiments deployed on cloud. Computer Applications in Engineering Education, 2021, 29, 1675-1690.	2.2	1
64	Smart bus transportation for tracking system: A study case in Indonesia. IOP Conference Series: Earth and Environmental Science, 2021, 729, 012036.	0.2	2
65	Hybrid Task Coordination Using Multi-Hop Communication in Volunteer Computing-Based VANETs. Sensors, 2021, 21, 2718.	2.1	7
66	Regulations and Standards Aware Framework for Recording of mHealth App Vulnerabilities. International Journal of E-Health and Medical Communications, 2021, 12, 1-16.	1.4	1
67	Applying machine learning techniques for caching in next-generation edge networks: A comprehensive survey. Journal of Network and Computer Applications, 2021, 181, 103005.	5.8	80
68	An infrastructure-assisted job scheduling and task coordination in volunteer computing-based VANET. Complex & Intelligent Systems, 2023, 9, 3613-3633.	4.0	9
69	Attack and Anomaly Detection in IoT Networks using Machine Learning Techniques: A Review. Asian Journal of Research in Computer Science, 0, , 30-46.	0.0	62
70	Securing data in transit using data-in-transit defender architecture for cloud communication. Soft Computing, 2021, 25, 12343-12356.	2.1	9
72	MACE: A Mobile Ad-hoc Computing Emulation Framework. , 2021, , .		3
73	Network Traffic Prediction via Deep Graph-Sequence Spatiotemporal Modeling Based on Mobile Virtual Reality Technology. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	0.8	6
74	Proactive fault-tolerant wireless mesh networks for mission-critical control systems. Journal of Network and Computer Applications, 2021, 186, 103082.	5.8	6

#	ARTICLE	IF	CITATIONS
75	Blockchain technology and IoT-edge framework for sharing healthcare services. <i>Soft Computing</i> , 2021, 25, 13753-13777.	2.1	16
76	FUPE: A security driven task scheduling approach for SDN-based IoT-Fog networks. <i>Journal of Information Security and Applications</i> , 2021, 60, 102853.	1.8	24
77	State-of-the-Art Review on IoT Threats and Attacks: Taxonomy, Challenges and Solutions. <i>Sustainability</i> , 2021, 13, 9463.	1.6	31
78	Data Aggregation Mechanisms on the Internet of Things: A Systematic Literature Review. <i>Internet of Things (Netherlands)</i> , 2021, 15, 100427.	4.9	19
79	A distributed swarm intelligence-based energy-saving method among massive edge nodes. <i>International Journal of Communication Systems</i> , 0, , e4974.	1.6	0
80	An Internet of Things and Fuzzy Markup Language Based Approach to Prevent the Risk of Falling Object Accidents in the Execution Phase of Construction Projects. <i>Sensors</i> , 2021, 21, 6461.	2.1	10
81	Consumer perceptions to support IoT based smart parcel locker logistics in China. <i>Journal of Retailing and Consumer Services</i> , 2021, 62, 102659.	5.3	47
82	Energy-efficient user association with load-balancing for cooperative IIoT network within 5G era. <i>Journal of Network and Computer Applications</i> , 2021, 189, 103110.	5.8	8
83	A Systematic Survey on the Role of Cloud, Fog, and Edge Computing Combination in Smart Agriculture. <i>Sensors</i> , 2021, 21, 5922.	2.1	70
84	Supporting IoT applications deployment on edge-based infrastructures using multi-layer feature models. <i>Journal of Systems and Software</i> , 2022, 183, 111086.	3.3	10
85	Cloudlet Computing: Recent Advances, Taxonomy, and Challenges. <i>IEEE Access</i> , 2021, 9, 29609-29622.	2.6	35
86	AI-Enabled Sensing and Decision-Making for IoT Systems. <i>Complexity</i> , 2021, 2021, 1-9.	0.9	16
87	An Artificial Intelligence Authentication Framework to Secure Internet of Educational Things. <i>Studies in Computational Intelligence</i> , 2021, , 577-596.	0.7	1
88	Attack and System Modeling Applied to IoT, Cloud, and Mobile Ecosystems. <i>ACM Computing Surveys</i> , 2021, 53, 1-32.	16.1	29
89	Internet of Things (IoT) Enabled Smart Indoor Air Quality Monitoring System. , 2020, , .		19
90	A Distributed Computing Solution Based on Distributed Kalman Filter for Leak Detection in WSN-Based Water Pipeline Monitoring. <i>Sensors</i> , 2020, 20, 5204.	2.1	11
91	Cloud Computing in Tourism. <i>Advances in Marketing, Customer Relationship Management, and E-services Book Series</i> , 2020, , 141-155.	0.7	7
92	Edge Server Placement for Service Offloading in Internet of Things. <i>Security and Communication Networks</i> , 2021, 2021, 1-16.	1.0	7

#	ARTICLE	IF	CITATIONS
93	BECA: A Blockchain-Based Edge Computing Architecture for Internet of Things Systems. <i>IoT</i> , 2021, 2, 610-632.	2.3	5
94	An IoT, Virtual Machines and Cloud Computing-based Framework for an Optimal Management of Healthcare Data Collected from a Smart Environment. A Case Study: RO-Smart Ageing Project. <i>Informatic&f Economic&f</i> , 2019, 23, 72-83.	0.2	3
95	Cloud-Based Smart IoT Architecture and Various Application Domains. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020, , 199-226.	0.9	1
96	A study On : Confidentiality Approach to Prevent Features Disclosure in IoT Situations. <i>International Journal of Scientific Research in Computer Science Engineering and Information Technology</i> , 2020, , 616-632.	0.2	1
97	The Relevance Of Blockchain With Dew Computing: A Review. , 2020, , .		2
98	Fog computing security and privacy for the Internet of Thing applications: State&of&the&art. <i>Security and Privacy</i> , 2021, 4, e145.	1.9	40
99	Sensing of Environmental Variables for the Analysis of Indoor Air Pollution. <i>International Journal of Advanced Computer Science and Applications</i> , 2020, 11, .	0.5	1
100	Blockchain technology as a Fog computing security and privacy solution: An overview. <i>Computer Communications</i> , 2022, 182, 129-152.	3.1	38
101	Customized Luminescent Multiplexed Quick&Response Codes as Reliable Temperature Mobile Optical Sensors for eHealth and Internet of Things. <i>Advanced Photonics Research</i> , 2022, 3, 2100206.	1.7	24
102	Decades of Internet of Things Towards Twenty-first Century: A Research-Based Introspective. <i>Wireless Personal Communications</i> , 2022, 123, 3661-3697.	1.8	18
103	Stable Strategy Formation for Mobile Users in Crowdsensing Using Co-Evolutionary Model. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2021, 25, 1000-1010.	0.5	0
104	SenzoMan: Social Management of Context Sensors and Actuators for IoT. <i>Journal of Sensor and Actuator Networks</i> , 2021, 10, 68.	2.3	1
105	Deep Learning in Computer Vision Through Mobile Edge Computing for IoT. , 2021, , 443-471.		3
106	The Internet of Things and Cultural Heritage. <i>Advances in Hospitality, Tourism and the Services Industry</i> , 2022, , 85-102.	0.2	1
107	Edge IoT-cloud Framework based on Blockchain. , 2020, , .		2
108	How much can Fog Computing enhance performances of heterogeneous delay-sensitive services in Smart Cities?. , 2020, , .		1
109	Review of gesture recognition technique using cloud-assisted wearable devices for real-time healthcare. , 2020, , .		0
110	Application of modern Enterprise Resource Planning (ERP) systems in the era of digital transformation. <i>Strategic Management</i> , 2021, 26, 28-36.	0.5	10

#	ARTICLE	IF	CITATIONS
111	A Compact Study of Recent Trends of Challenges and Opportunities in Integrating Internet of Things (IoT) and Cloud Computing. , 2021, , .		5
113	Privacy-Aware Factorization-Based Hybrid Recommendation Method for Healthcare Services. IEEE Transactions on Industrial Informatics, 2022, 18, 5637-5647.	7.2	16
114	Support Vector Machine Intrusion Detection Scheme Based on Cloud-Fog Collaboration. Mobile Networks and Applications, 2022, 27, 431-440.	2.2	9
115	A Comprehensive Review of Computing Paradigms, Enabling Computation Offloading and Task Execution in Vehicular Networks. IEEE Access, 2022, 10, 3580-3600.	2.6	28
116	Building digital revolution. , 2022, , 151-186.		3
117	Î²DSC2DAM: beta-dominating set centered Cluster-Based Data Aggregation mechanism for the Internet of Things. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	0
118	Task scheduling algorithms for energy optimization in cloud environment: a comprehensive review. Cluster Computing, 2022, 25, 1035-1093.	3.5	32
119	Virtual Environments Web 2.0 as a Tool for the Development of the Reading Comprehension in the Basic Education Area. Lecture Notes in Networks and Systems, 2022, , 104-116.	0.5	1
120	Integration of Internet-of-Things as sustainable smart farming technology for the rearing of black soldier fly to mitigate food waste. Journal of the Taiwan Institute of Chemical Engineers, 2022, 137, 104235.	2.7	20
121	Mobile Edge Computing-Based Real-Time English Translation With 5G-Driven Network Support. International Journal of Distributed Systems and Technologies, 2022, 13, 1-14.	0.6	0
122	Sustainable Smart Tags with Two-Step Verification for Anticounterfeiting Triggered by the Photothermal Response of Upconverting Nanoparticles. Advanced Photonics Research, 2022, 3, .	1.7	9
123	Determinants of Mobile Cloud Computing Adoption by Financial Services Firms. Journal of Information Technology Research, 2022, 15, 1-17.	0.3	0
124	Mobile Cloud Computing: Issues, Applications and Scope in COVID-19. Lecture Notes in Networks and Systems, 2022, , 587-600.	0.5	9
125	A Comprehensive Review on Edge Computing: Focusing on Mobile Users. Lecture Notes in Networks and Systems, 2022, , 121-152.	0.5	1
126	Lanthanides for the new generation of optical sensing and Internet of Things. Fundamental Theories of Physics, 2022, , 31-128.	0.1	9
128	Smart Optical Sensors for Internet of Things: Integration of Temperature Monitoring and Customized Security Physical Unclonable Functions. IEEE Access, 2022, 10, 24433-24443.	2.6	9
129	RESCUE: Enabling green healthcare services using integrated IoT-Edge-fog-cloud computing environments. Software - Practice and Experience, 2022, 52, 1615-1642.	2.5	12
130	Construction and Application of College English Multiple Intelligence Teaching Model Based on Internet of Things. Mathematical Problems in Engineering, 2022, 2022, 1-10.	0.6	2

#	ARTICLE	IF	CITATIONS
131	Sustainable task offloading decision using genetic algorithm in sensor mobile edge computing. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1552-1568.	2.7	10
132	Multi-neural network based tiled 360° video caching with Mobile Edge Computing. Journal of Network and Computer Applications, 2022, 201, 103342.	5.8	11
133	Approaches to Creating a Multi-agent Architecture in the Industrial Internet of Things Systems. , 2021, , .		2
134	Multilevel Central Trust Management Approach for Task Scheduling on IoT-Based Mobile Cloud Computing. Sensors, 2022, 22, 108.	2.1	14
135	Recent Advances in Evolving Computing Paradigms: Cloud, Edge, and Fog Technologies. Sensors, 2022, 22, 196.	2.1	34
136	A Survey on Auction based Approaches for Resource Allocation and Pricing in Emerging Edge Technologies. Journal of Grid Computing, 2022, 20, 1.	2.5	6
137	IOT-Enhanced Digital Marketing Conceptual Framework. Brain: Broad Research in Artificial Intelligence and Neuroscience, 2021, 12, 509-531.	0.2	2
138	A survey on nature-inspired techniques for computation offloading and service placement in emerging edge technologies. World Wide Web, 2022, 25, 2049-2107.	2.7	8
139	Integration of iots security concepts and technical systems diagnostics. AIP Conference Proceedings, 2022, , .	0.3	1
140	After the Epidemic, Is the Smart Traffic Management System a Key Factor in Creating a Green Leisure and Tourism Environment in the Move towards Sustainable Urban Development?. Sustainability, 2022, 14, 3762.	1.6	34
141	Resource discovery approaches in cloudIoT: a systematic review. Journal of Supercomputing, 2022, 78, 17202-17230.	2.4	1
142	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.	2.7	4
143	Utilization of mobile edge computing on the Internet of Medical Things: A survey. ICT Express, 2023, 9, 473-485.	3.3	23
144	Demand Forecasting Application with Regression and IoT Based Inventory Management System: A Case Study of a Semiconductor Manufacturing Company. International Journal of Engineering Research in Africa, 0, 60, 189-210.	0.7	7
145	A Concise Review on the Recent Developments in the Internet of Things (IoT)-Based Smart Aquaculture Practices. Reviews in Fisheries Science and Aquaculture, 2023, 31, 103-118.	5.1	9
146	Advanced encryption schemes in multi-tier heterogeneous internet of things: taxonomy, capabilities, and objectives. Journal of Supercomputing, 2022, 78, 18777-18824.	2.4	2
147	Edge Computing for Cyber-physical Systems: A Systematic Mapping Study Emphasizing Trustworthiness. ACM Transactions on Cyber-Physical Systems, 2022, 6, 1-28.	1.9	12
148	Sensing and Artificial Intelligent Maternal-Infant Health Care Systems: A Review. Sensors, 2022, 22, 4362.	2.1	11

#	ARTICLE	IF	CITATIONS
149	Security and Privacy Issues in the Internet of Things. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2022, , 70-91.	0.4	0
150	Block chain fostered cycle-consistent generative adversarial network framework espoused intrusion detection for protecting IoT network. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, .	2.6	4
151	Paradigms for the conceptualization of Cyber-Physical-Social-Thinking hyperspace: A Thematic Synthesis. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2022, 14, 285-316.	0.8	5
152	Cost research of Internet of Things service architecture for random mobile users based on edge computing. <i>International Journal of Web Information Systems</i> , 2022, 18, 217-235.	1.3	2
153	A Mixed-integer programming model using particle swarm optimization algorithm for resource discovery in the cloudiot. <i>Peer-to-Peer Networking and Applications</i> , 2022, 15, 2326-2346.	2.6	1
154	IoT anomaly detection methods and applications: A survey. <i>Internet of Things (Netherlands)</i> , 2022, 19, 100568.	4.9	57
155	Task offloading in fog computing: A survey of algorithms and optimization techniques. <i>Computer Networks</i> , 2022, 214, 109137.	3.2	31
156	An Evaluation of Key Adoption Factors towards Using the Fog Technology. <i>Big Data and Cognitive Computing</i> , 2022, 6, 81.	2.9	2
157	Technological revolutions in smart farming: Current trends, challenges & future directions. <i>Computers and Electronics in Agriculture</i> , 2022, 201, 107217.	3.7	45
158	Edge-computing-driven Internet of Things: A Survey. <i>ACM Computing Surveys</i> , 2023, 55, 1-41.	16.1	35
159	Robust Intra-Slice Migration in Fog Computing. , 2022, , .		0
160	A Trusted and Privacy-Preserved Dispersed Computing Scheme for the Internet of Mobile Things. <i>Security and Communication Networks</i> , 2022, 2022, 1-15.	1.0	2
161	IoT-based food traceability system: Architecture, technologies, applications, and future trends. <i>Food Control</i> , 2023, 145, 109409.	2.8	8
162	A mathematical optimization model using red deer algorithm for resource discovery in CloudIoT. <i>Transactions on Emerging Telecommunications Technologies</i> , 0, , .	2.6	1
163	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.	0.8	1
164	Research on the Quality Improvement of Ideological and Political Teaching in the Internet of Things Environment. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-10.	0.8	1
165	iContainer: Consecutive checkpointing with rapid resilience for immortal container-based services. <i>Journal of Network and Computer Applications</i> , 2022, 208, 103494.	5.8	1
166	A domain-specific language for simulation-based testing of IoT edge-to-cloud solutions. , 2022, , .		3

#	ARTICLE	IF	CITATIONS
167	A systematic review of the purposes of Blockchain and fog computing integration: classification and open issues. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2022, 11, .	2.1	7
168	S-FoS: A secure workflow scheduling approach for performance optimization in SDN-based IoT-Fog networks. <i>Journal of Information Security and Applications</i> , 2023, 72, 103404.	1.8	9
169	Data transmission reduction using prediction and aggregation techniques in IoT-based wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2023, 211, 103556.	5.8	7
170	Challenges and Opportunities of Mobile Cloud Computing. , 2022, , .		0
171	Protected Supply of Control Circuit for Standalone IoT Applications in Microgrids. , 2022, , .		0
172	Towards Green IoTs - Enabling Sustainable Environment, Bibliometric Analysis and Beyond. , 2022, , .		10
174	Resource Provisioning Techniques in Multi-Access Edge Computing Environments: Outlook, Expression, and Beyond. <i>Mobile Information Systems</i> , 2022, 2022, 1-24.	0.4	0
175	Resource Management in Cloud and Cloud-influenced Technologies for Internet of Things Applications. <i>ACM Computing Surveys</i> , 2023, 55, 1-37.	16.1	11
176	A review of studies on internet of everything as an enabler of neuromarketing methods and techniques. <i>Journal of Supercomputing</i> , 2023, 79, 7835-7876.	2.4	4
177	Anomaly Detection for Cyber Internet of Things Attacks: A Systematic Review. <i>Applied Artificial Intelligence</i> , 2022, 36, .	2.0	1
178	The Context Awareness Challenges for PIS. , 2023, , 43-63.		1
179	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.	6.0	8
180	Mobile Edge Computing Architecture Challenges, Applications, and Future Directions. <i>International Journal of Grid and High Performance Computing</i> , 2023, 15, 1-23.	0.7	1
181	Use of multilevel resource clustering for service placement in fog computing environments. , 2022, , .		1
182	A Low-Cost Edge-IoT Based Smart Poultry Farm. , 2023, , .		3
183	Internet of Intelligent Vehicles (IoIV): An Intelligent VANET Based Computing via Predictive Modeling. <i>IEEE Access</i> , 2023, 11, 49665-49674.	2.6	3
184	Multi-objective fog node placement strategy based on heuristic algorithms for smart factories. <i>Wireless Networks</i> , 0, , .	2.0	0
185	Improving cloud/edge sustainability through artificial intelligence: A systematic review. <i>Journal of Parallel and Distributed Computing</i> , 2023, 176, 41-54.	2.7	3

#	ARTICLE	IF	CITATIONS
186	Unlocking the power of mist computing through clustering techniques in IoT networks. Internet of Things (Netherlands), 2023, 22, 100710.	4.9	9
187	An Efficient Two-Stage Network Intrusion Detection System in the Internet of Things. Information (Switzerland), 2023, 14, 77.	1.7	4
188	Impacts of blockchain in software-defined Internet of Things ecosystem with Network Function Virtualization for smart applications: Present perspectives and future directions. International Journal of Communication Systems, 0, , .	1.6	14
189	Secure cloud-based mobile apps: attack taxonomy, requirements, mechanisms, tests and automation. International Journal of Information Security, 2023, 22, 833-867.	2.3	3
190	Steam computing paradigm: Cross-layer solutions over cloud, fog, and edge computing. IET Wireless Sensor Systems, 0, , .	1.3	0
191	An IoT-based home appliances ecosystem to improve energy use efficiency. AIP Conference Proceedings, 2023, , .	0.3	0
192	Big Data Analytics in IoT with the Approach of Storage and Processing in Blockchain. , 2022, , .		6
193	Performance Analysis of a Quality of Service-Aware Resource Allocation for Internet of Things. Wireless Personal Communications, 2023, 129, 1961-1982.	1.8	0
194	Unequal sized cells based on cross shapes for data collection in green Internet of Things (IoT) networks. Wireless Networks, 2023, 29, 2143-2160.	2.0	2
195	Security issues and challenges in cloud of things-based applications for industrial automation. Annals of Operations Research, 0, , .	2.6	9
196	Proposal and comparative analysis of a voting-based election algorithm for managing service replication in MANETs. Applied Intelligence, 0, , .	3.3	0
197	Zero Touch in Fog, IoT, and MANET for Enhanced Smart City Applications: A Survey. Future Cities and Environment, 2023, 9, .	0.6	3
199	IoT-Based Water Quality Monitoring and Detection System. Lecture Notes in Networks and Systems, 2023, , 35-45.	0.5	0
207	Internet of Multimedia Things an Open Source P2P Publish/Subscribe Framework for Massive Semantic Content Spaces. , 2023, , .		0
209	Relation between Edge Computing and the Internet of Things: A Systematic Literature Review. , 2023, , .		0
214	A Review of Secure Authentication Techniques in Fog Computing. Algorithms for Intelligent Systems, 2023, , 783-791.	0.5	0
217	A Review of IoT Security Solutions Using Machine Learning and Deep Learning. Lecture Notes in Networks and Systems, 2023, , 115-132.	0.5	0
220	IoT Edge-based Machine Learning Approach for Detection of Partial Discharge in Power Transformers. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
225	Edge Computing for IoT. , 2024, , 1-20.		0