

Mohammed Mehedi Hassan

List of Publications by Year in descending order

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319
papers

11,007
citations

36271

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51562

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330
all docs

330
docs citations

330
times ranked

9843
citing authors

#	ARTICLE	IF	CITATIONS
1	Health-CPS: Healthcare Cyber-Physical System Assisted by Cloud and Big Data. IEEE Systems Journal, 2017, 11, 88-95.	2.9	657
2	A robust human activity recognition system using smartphone sensors and deep learning. Future Generation Computer Systems, 2018, 81, 307-313.	4.9	447
3	A Survey on Sensor-Cloud: Architecture, Applications, and Approaches. International Journal of Distributed Sensor Networks, 2013, 9, 917923.	1.3	281
4	A Hybrid Feature Extraction Method With Regularized Extreme Learning Machine for Brain Tumor Classification. IEEE Access, 2019, 7, 36266-36273.	2.6	244
5	Federated Internet of Things and Cloud Computing Pervasive Patient Health Monitoring System. , 2017, 55, 48-53.		217
6	A hybrid deep learning model for efficient intrusion detection in big data environment. Information Sciences, 2020, 513, 386-396.	4.0	217
7	Human emotion recognition using deep belief network architecture. Information Fusion, 2019, 51, 10-18.	11.7	212
8	Enhanced Fingerprinting and Trajectory Prediction for IoT Localization in Smart Buildings. IEEE Transactions on Automation Science and Engineering, 2016, 13, 1294-1307.	3.4	204
9	Task Offloading and Resource Allocation for Mobile Edge Computing by Deep Reinforcement Learning Based on SARSA. IEEE Access, 2020, 8, 54074-54084.	2.6	185
10	Autonomic computation offloading in mobile edge for IoT applications. Future Generation Computer Systems, 2019, 90, 149-157.	4.9	165
11	Secure Distributed Deduplication Systems with Improved Reliability. IEEE Transactions on Computers, 2015, 64, 3569-3579.	2.4	136
12	AIWAC: affective interaction through wearable computing and cloud technology. IEEE Wireless Communications, 2015, 22, 20-27.	6.6	136
13	Secured Data Collection With Hardware-Based Ciphers for IoT-Based Healthcare. IEEE Internet of Things Journal, 2019, 6, 410-420.	5.5	135
14	A body sensor data fusion and deep recurrent neural network-based behavior recognition approach for robust healthcare. Information Fusion, 2020, 55, 105-115.	11.7	131
15	Facial Expression Recognition Utilizing Local Direction-Based Robust Features and Deep Belief Network. IEEE Access, 2017, 5, 4525-4536.	2.6	116
16	A Hybrid Feature Selection With Ensemble Classification for Imbalanced Healthcare Data: A Case Study for Brain Tumor Diagnosis. IEEE Access, 2016, 4, 9145-9154.	2.6	114
17	iRobot-Factory: An intelligent robot factory based on cognitive manufacturing and edge computing. Future Generation Computer Systems, 2019, 90, 569-577.	4.9	114
18	A multimedia healthcare data sharing approach through cloud-based body area network. Future Generation Computer Systems, 2017, 66, 48-58.	4.9	105

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19	Graph Neural Network-Driven Traffic Forecasting for the Connected Internet of Vehicles. IEEE Transactions on Network Science and Engineering, 2022, 9, 3015-3027.	4.1	103
20	A Hybrid Deep Learning Model for Human Activity Recognition Using Multimodal Body Sensing Data. IEEE Access, 2019, 7, 99152-99160.	2.6	99
21	A Smartphone-Enabled Fall Detection Framework for Elderly People in Connected Home Healthcare. IEEE Network, 2019, 33, 58-63.	4.9	97
22	A Performance Evaluation of Machine Learning-Based Streaming Spam Tweets Detection. IEEE Transactions on Computational Social Systems, 2015, 2, 65-76.	3.2	95
23	An intelligent/cognitive model of task scheduling for IoT applications in cloud computing environment. Future Generation Computer Systems, 2018, 88, 254-261.	4.9	93
24	Applying an ensemble convolutional neural network with Savitzky-Golay filter to construct a phonocardiogram prediction model. Applied Soft Computing Journal, 2019, 78, 29-40.	4.1	90
25	Increasing the Trustworthiness in the Industrial IoT Networks Through a Reliable Cyberattack Detection Model. IEEE Transactions on Industrial Informatics, 2020, 16, 6154-6162.	7.2	89
26	A Survey on Virtualization of Wireless Sensor Networks. Sensors, 2012, 12, 2175-2207.	2.1	86
27	Lightweight Convolutional Neural Network Model for Human Face Detection in Risk Situations. IEEE Transactions on Industrial Informatics, 2022, 18, 4820-4829.	7.2	86
28	Efficient service recommendation system for cloud computing market. , 2009, , .		85
29	A deep learning based medical image segmentation technique in Internet-of-Medical-Things domain. Future Generation Computer Systems, 2020, 108, 135-144.	4.9	82
30	A novel machine learning based feature selection for motor imagery EEG signal classification in Internet of medical things environment. Future Generation Computer Systems, 2019, 98, 419-434.	4.9	79
31	Defending unknown attacks on cyber-physical systems by semi-supervised approach and available unlabeled data. Information Sciences, 2017, 379, 211-228.	4.0	77
32	Human Activity Recognition from Body Sensor Data using Deep Learning. Journal of Medical Systems, 2018, 42, 99.	2.2	77
33	Intelligent temporal classification and fuzzy rough set-based feature selection algorithm for intrusion detection system in WSNs. Information Sciences, 2019, 497, 77-90.	4.0	77
34	Activity Recognition for Cognitive Assistance Using Body Sensors Data and Deep Convolutional Neural Network. IEEE Sensors Journal, 2019, 19, 8413-8419.	2.4	77
35	Cyberattacks Detection in IoT-Based Smart City Applications Using Machine Learning Techniques. International Journal of Environmental Research and Public Health, 2020, 17, 9347.	1.2	75
36	Cooperative game-based distributed resource allocation in horizontal dynamic cloud federation platform. Information Systems Frontiers, 2014, 16, 523-542.	4.1	74

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37	e-Sampling. ACM Transactions on Autonomous and Adaptive Systems, 2017, 12, 1-29.	0.4	74
38	Securing the operations in SCADA-IoT platform based industrial control system using ensemble of deep belief networks. Applied Soft Computing Journal, 2018, 71, 66-77.	4.1	74
39	Privacy-aware service placement for mobile edge computing via federated learning. Information Sciences, 2019, 505, 562-570.	4.0	74
40	A facial expression recognition system using robust face features from depth videos and deep learning. Computers and Electrical Engineering, 2017, 63, 114-125.	3.0	71
41	CADRE: Cloud-Assisted Drug REcommendation Service for Online Pharmacies. Mobile Networks and Applications, 2015, 20, 348-355.	2.2	70
42	Audio-Visual Emotion-Aware Cloud Gaming Framework. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 2105-2118.	5.6	70
43	Credibility in Online Social Networks: A Survey. IEEE Access, 2019, 7, 2828-2855.	2.6	69
44	Application of reinforcement learning in UAV cluster task scheduling. Future Generation Computer Systems, 2019, 95, 140-148.	4.9	68
45	Malware Threats and Detection for Industrial Mobile-IoT Networks. IEEE Access, 2018, 6, 15941-15957.	2.6	66
46	CNN-Based Health Model for Regular Health Factors Analysis in Internet-of-Medical Things Environment. IEEE Access, 2020, 8, 52541-52549.	2.6	66
47	A lightweight machine learning-based authentication framework for smart IoT devices. Information Sciences, 2019, 484, 255-268.	4.0	64
48	Mobile Cloud-Based Big Healthcare Data Processing in Smart Cities. IEEE Access, 2017, 5, 11887-11899.	2.6	60
49	A Mobility-Aware Optimal Resource Allocation Architecture for Big Data Task Execution on Mobile Cloud in Smart Cities. , 2018, 56, 110-117.		59
50	A system call refinement-based enhanced Minimum Redundancy Maximum Relevance method for ransomware early detection. Journal of Network and Computer Applications, 2020, 167, 102753.	5.8	58
51	An Ensemble Learning Approach for Accurate Energy Load Prediction in Residential Buildings. IEEE Access, 2019, 7, 48328-48338.	2.6	57
52	Traffic Priority and Load Adaptive MAC Protocol for QoS Provisioning in Body Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 205192.	1.3	55
53	Thermal-Aware Multiconstrained Intrabody QoS Routing for Wireless Body Area Networks. International Journal of Distributed Sensor Networks, 2014, 10, 676312.	1.3	55
54	AI-Skin: Skin disease recognition based on self-learning and wide data collection through a closed-loop framework. Information Fusion, 2020, 54, 1-9.	11.7	53

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55	Artificial agent: The fusion of artificial intelligence and a mobile agent for energy-efficient traffic control in wireless sensor networks. <i>Future Generation Computer Systems</i> , 2019, 95, 45-51.	4.9	52
56	Energy-Aware Geographic Routing for Real-Time Workforce Monitoring in Industrial Informatics. <i>IEEE Internet of Things Journal</i> , 2021, 8, 9753-9762.	5.5	52
57	Using Concept Lattice for Personalized Recommendation System Design. <i>IEEE Systems Journal</i> , 2017, 11, 305-314.	2.9	51
58	Improving risk assessment model of cyber security using fuzzy logic inference system. <i>Computers and Security</i> , 2018, 74, 323-339.	4.0	50
59	A Privacy-Preserving-Based Secure Framework Using Blockchain-Enabled Deep-Learning in Cooperative Intelligent Transport System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 16492-16503.	4.7	50
60	Mobile Target Coverage and Tracking on Drone-Be-Gone UAV Cyber-Physical Testbed. <i>IEEE Systems Journal</i> , 2018, 12, 3485-3496.	2.9	49
61	Prostate cancer classification from ultrasound and MRI images using deep learning based Explainable Artificial Intelligence. <i>Future Generation Computer Systems</i> , 2022, 127, 462-472.	4.9	49
62	RAMP-IoD: A Robust Authenticated Key Management Protocol for the Internet of Drones. <i>IEEE Internet of Things Journal</i> , 2022, 9, 1339-1353.	5.5	49
63	A distributed intrusion detection system to detect DDoS attacks in blockchain-enabled IoT network. <i>Journal of Parallel and Distributed Computing</i> , 2022, 164, 55-68.	2.7	49
64	Efficient Computation Offloading Decision in Mobile Cloud Computing over 5G Network. <i>Mobile Networks and Applications</i> , 2016, 21, 777-792.	2.2	48
65	Blockchain and Big Data to Transform the Healthcare. , 2018, , .		47
66	Edge YOLO: Real-Time Intelligent Object Detection System Based on Edge-Cloud Cooperation in Autonomous Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 25345-25360.	4.7	47
67	A hybrid multi criteria decision method for cloud service selection from Smart data. <i>Future Generation Computer Systems</i> , 2019, 93, 43-57.	4.9	46
68	A prediction system of Sybil attack in social network using deep-regression model. <i>Future Generation Computer Systems</i> , 2018, 87, 743-753.	4.9	45
69	SEMD: Secure and efficient message dissemination with policy enforcement in VANET. <i>Journal of Computer and System Sciences</i> , 2016, 82, 1316-1328.	0.9	44
70	ASA: Against statistical attacks for privacy-aware users in Location Based Service. <i>Future Generation Computer Systems</i> , 2017, 70, 48-58.	4.9	43
71	Optimal Selection of Crowdsourcing Workers Balancing Their Utilities and Platform Profit. <i>IEEE Internet of Things Journal</i> , 2019, 6, 8602-8614.	5.5	43
72	Evaluating the impact of a cloud-based serious game on obese people. <i>Computers in Human Behavior</i> , 2014, 30, 468-475.	5.1	42

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73	A buffer-aware HTTP live streaming approach for SDN-enabled 5G wireless networks. IEEE Network, 2015, 29, 49-55.	4.9	42
74	An Adaptive Trust Boundary Protection for IIoT Networks Using Deep-Learning Feature-Extraction-Based Semisupervised Model. IEEE Transactions on Industrial Informatics, 2021, 17, 2860-2870.	7.2	42
75	DNetUnet: a semi-supervised CNN of medical image segmentation for super-computing AI service. Journal of Supercomputing, 2021, 77, 3594-3615.	2.4	42
76	Human localization based on inertial sensors and fingerprints in the Industrial Internet of Things. Computer Networks, 2016, 101, 113-126.	3.2	41
77	Reputation-based credibility analysis of Twitter social network users. Concurrency Computation Practice and Experience, 2017, 29, e3873.	1.4	41
78	Deep Learning and Blockchain with Edge Computing for 5G-Enabled Drone Identification and Flight Mode Detection. IEEE Network, 2021, 35, 94-100.	4.9	41
79	Starfish routing for sensor networks with mobile sink. Journal of Network and Computer Applications, 2018, 123, 11-22.	5.8	40
80	A robust cyberattack detection approach using optimal features of SCADA power systems in smart grids. Applied Soft Computing Journal, 2020, 96, 106658.	4.1	40
81	Investigating the deceptive information in Twitter spam. Future Generation Computer Systems, 2017, 72, 319-326.	4.9	38
82	Identifying cyber threats to mobile-IoT applications in edge computing paradigm. Future Generation Computer Systems, 2018, 89, 525-538.	4.9	38
83	Cognitive multi-agent empowering mobile edge computing for resource caching and collaboration. Future Generation Computer Systems, 2020, 102, 66-74.	4.9	38
84	A hybrid-multi filter-wrapper framework to identify run-time behaviour for fast malware detection. Future Generation Computer Systems, 2018, 83, 193-207.	4.9	36
85	AI-enabled emotion-aware robot: The fusion of smart clothing, edge clouds and robotics. Future Generation Computer Systems, 2020, 102, 701-709.	4.9	36
86	Quality of Service Aware Reliable Task Scheduling in Vehicular Cloud Computing. Mobile Networks and Applications, 2016, 21, 482-493.	2.2	35
87	Early detection of cardiovascular autonomic neuropathy: A multi-class classification model based on feature selection and deep learning feature fusion. Information Fusion, 2022, 77, 70-80.	11.7	35
88	A Decision-Level Fusion Method for COVID-19 Patient Health Prediction. Big Data Research, 2022, 27, 100287.	2.6	35
89	Energy-sustainable relay node deployment in wireless sensor networks. Computer Networks, 2016, 104, 108-121.	3.2	34
90	AI-enabled mobile multimedia service instance placement scheme in mobile edge computing. Computer Networks, 2020, 182, 107573.	3.2	34

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91	A Robust Deep-Learning-Enabled Trust-Boundary Protection for Adversarial Industrial IoT Environment. IEEE Internet of Things Journal, 2021, 8, 9611-9621.	5.5	34
92	Adapting Gaussian YOLOv3 with transfer learning for overhead view human detection in smart cities and societies. Sustainable Cities and Society, 2021, 70, 102908.	5.1	34
93	DLTIF: Deep Learning-Driven Cyber Threat Intelligence Modeling and Identification Framework in IoT-Enabled Maritime Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, , 1-10.	4.7	34
94	A NOMA-Enabled Framework for Relay Deployment and Network Optimization in Double-Layer Airborne Access VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22452-22466.	4.7	34
95	An Improved Authentication Scheme for Remote Data Access and Sharing Over Cloud Storage in Cyber-Physical-Social-Systems. IEEE Access, 2020, 8, 47144-47160.	2.6	33
96	Distributed Resource Allocation Games in Horizontal Dynamic Cloud Federation Platform. , 2011, , .		32
97	Optimal Dynamic Pricing for Trading-Off User Utility and Operator Profit in Smart Grid. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 455-467.	5.9	32
98	Avoiding Future Digital Extortion Through Robust Protection Against Ransomware Threats Using Deep Learning Based Adaptive Approaches. IEEE Access, 2020, 8, 24522-24534.	2.6	32
99	Energy Harvesting Based Body Area Networks for Smart Health. Sensors, 2017, 17, 1602.	2.1	31
100	AFA: Adversarial fingerprinting authentication for deep neural networks. Computer Communications, 2020, 150, 488-497.	3.1	31
101	A market-oriented dynamic collaborative cloud services platform. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 669-688.	1.6	30
102	Maximizing quality of experience through context-aware mobile application scheduling in cloudlet infrastructure. Software - Practice and Experience, 2016, 46, 1525-1545.	2.5	30
103	Evolution of Dark Web Threat Analysis and Detection: A Systematic Approach. IEEE Access, 2020, 8, 171796-171819.	2.6	30
104	A Novel Cloud Market Infrastructure for Trading Service. , 2009, , .		28
105	Big media healthcare data processing in cloud: a collaborative resource management perspective. Cluster Computing, 2017, 20, 1599-1614.	3.5	28
106	Performance prediction model for cloud service selection from smart data. Future Generation Computer Systems, 2018, 85, 97-106.	4.9	28
107	Multistage fusion approaches based on a generative model and multivariate exponentially weighted moving average for diagnosis of cardiovascular autonomic nerve dysfunction. Information Fusion, 2018, 41, 105-118.	11.7	28
108	An end-to-end deep learning model for human activity recognition from highly sparse body sensor data in Internet of Medical Things environment. Journal of Supercomputing, 2021, 77, 2237-2250.	2.4	28

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109	Federated Learning and Autonomous UAVs for Hazardous Zone Detection and AQI Prediction in IoT Environment. IEEE Internet of Things Journal, 2021, 8, 15456-15467.	5.5	28
110	McMAC: Towards a MAC Protocol with Multi-Constrained QoS Provisioning for Diverse Traffic in Wireless Body Area Networks. Sensors, 2012, 12, 15599-15627.	2.1	27
111	A Flexible Permission Ascription (FPA)-Based Blockchain Framework for Peer-to-Peer Energy Trading With Performance Evaluation. IEEE Transactions on Industrial Informatics, 2022, 18, 2465-2475.	7.2	27
112	Dynamic Collaborative Cloud Service Platform: Opportunities and Challenges. ETRI Journal, 2010, 32, 634-637.	1.2	26
113	Scalable regular pattern mining in evolving body sensor data. Future Generation Computer Systems, 2017, 75, 172-186.	4.9	26
114	Energy-Efficient Tracking and Localization of Objects in Wireless Sensor Networks. IEEE Access, 2018, 6, 17165-17177.	2.6	26
115	Probability-Based Centralized Device for Spectrum Handoff in Cognitive Radio Networks. IEEE Access, 2019, 7, 26731-26739.	2.6	26
116	Internet of Water Things: A Remote Raw Water Monitoring and Control System. IEEE Access, 2021, 9, 35790-35800.	2.6	26
117	A two-stage approach for task and resource management in multimedia cloud environment. Computing (Vienna/New York), 2016, 98, 119-145.	3.2	25
118	Detecting spamming activities in twitter based on deep learning technique. Concurrency Computation Practice and Experience, 2017, 29, e4209.	1.4	25
119	A Credibility Analysis System for Assessing Information on Twitter. IEEE Transactions on Dependable and Secure Computing, 2017, , 1-1.	3.7	25
120	Mining of productive periodic-frequent patterns for IoT data analytics. Future Generation Computer Systems, 2018, 88, 512-523.	4.9	25
121	Secure distributed adaptive bin packing algorithm for cloud storage. Future Generation Computer Systems, 2019, 90, 307-316.	4.9	25
122	Evaluating smart grid renewable energy accommodation capability with uncertain generation using deep reinforcement learning. Future Generation Computer Systems, 2020, 110, 647-657.	4.9	25
123	Edge intelligence based Economic Dispatch for Virtual Power Plant in 5G Internet of Energy. Computer Communications, 2020, 151, 42-50.	3.1	25
124	An adaptive framework against android privilege escalation threats using deep learning and semi-supervised approaches. Applied Soft Computing Journal, 2020, 89, 106089.	4.1	25
125	A novel transfer learning approach for the classification of histological images of colorectal cancer. Journal of Supercomputing, 2021, 77, 9494-9519.	2.4	25
126	A Framework for Cloud-Based Healthcare Services to Monitor Noncommunicable Diseases Patient. International Journal of Distributed Sensor Networks, 2015, 11, 985629.	1.3	25

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127	An energy aware event-driven routing protocol for cognitive radio sensor networks. <i>Wireless Networks</i> , 2016, 22, 1523-1536.	2.0	24
128	User mobility and Quality-of-Experience aware placement of Virtual Network Functions in 5G. <i>Computer Communications</i> , 2020, 150, 367-377.	3.1	24
129	A trusted consensus fusion scheme for decentralized collaborated learning in massive IoT domain. <i>Information Fusion</i> , 2021, 72, 100-109.	11.7	24
130	Cost-effective resource provisioning for multimedia cloud-based e-health systems. <i>Multimedia Tools and Applications</i> , 2015, 74, 5225-5241.	2.6	23
131	QoS and trust-aware coalition formation game in data-intensive cloud federations. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 2889-2905.	1.4	23
132	Cost Efficient Edge Intelligence Framework Using Docker Containers. , 2018, , .		23
133	Intelligent Architecture for Mobile HetNet in B5G. <i>IEEE Network</i> , 2019, 33, 34-41.	4.9	23
134	Dementia Wandering Detection and Activity Recognition Algorithm Using Tri-Axial Accelerometer Sensors. , 2009, , .		22
135	Privacy preserving secure data exchange in mobile P2P cloud healthcare environment. <i>Peer-to-Peer Networking and Applications</i> , 2016, 9, 894-909.	2.6	22
136	Quality of service aware cloud resource provisioning for social multimedia services and applications. <i>Multimedia Tools and Applications</i> , 2017, 76, 14485-14509.	2.6	22
137	Efficient Spectrum Management Techniques for Cognitive Radio Networks for Proximity Service. <i>IEEE Access</i> , 2019, 7, 43795-43805.	2.6	22
138	BDTwin: An Integrated Framework for Enhancing Security and Privacy in Cybertwin-Driven Automotive Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022, 9, 17110-17119.	5.5	22
139	Energy-Aware Resource and Revenue Management in Federated Cloud: A Game-Theoretic Approach. <i>IEEE Systems Journal</i> , 2017, 11, 951-961.	2.9	21
140	A lightweight and cost effective edge intelligence architecture based on containerization technology. <i>World Wide Web</i> , 2020, 23, 1341-1360.	2.7	21
141	Energy-efficient scheduling of small cells in 5G: A meta-heuristic approach. <i>Journal of Network and Computer Applications</i> , 2021, 178, 102986.	5.8	21
142	A socially optimal resource and revenue sharing mechanism in cloud federations. , 2015, , .		20
143	Energy-efficient cooperative transmission for intelligent transportation systems. <i>Future Generation Computer Systems</i> , 2019, 94, 634-640.	4.9	20
144	An Effective Bio-Signal-Based Driver Behavior Monitoring System Using a Generalized Deep Learning Approach. <i>IEEE Access</i> , 2020, 8, 135037-135049.	2.6	20

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145	Virtual Machine Resource Allocation for Multimedia Cloud: A Nash Bargaining Approach. <i>Procedia Computer Science</i> , 2014, 34, 571-576.	1.2	19
146	A scalable and elastic cloud-assisted publish/subscribe model for IPTV video surveillance system. <i>Cluster Computing</i> , 2015, 18, 1539-1548.	3.5	19
147	LACE: A Locust-Inspired Scheduling Algorithm to Reduce Energy Consumption in Cloud Datacenters. <i>IEEE Access</i> , 2018, 6, 35435-35448.	2.6	19
148	Incentive evolutionary game model for opportunistic social networks. <i>Future Generation Computer Systems</i> , 2020, 102, 14-29.	4.9	19
149	A deep learning-based driver distraction identification framework over edge cloud. <i>Neural Computing and Applications</i> , 0, , 1.	3.2	19
150	Federated deep reinforcement learning based secure data sharing for Internet of Things. <i>Computer Networks</i> , 2021, 197, 108327.	3.2	19
151	Moving Target Tracking through Distributed Clustering in Directional Sensor Networks. <i>Sensors</i> , 2014, 14, 24381-24407.	2.1	18
152	Usability of a cloud-based collaborative learning framework to improve learners's™ experience. <i>Computers in Human Behavior</i> , 2015, 51, 967-976.	5.1	18
153	Mining Productive-Associated Periodic-Frequent Patterns in Body Sensor Data for Smart Home Care. <i>Sensors</i> , 2017, 17, 952.	2.1	18
154	Performance Analysis of Personal Cloud Storage Services for Mobile Multimedia Health Record Management. <i>IEEE Access</i> , 2018, 6, 52625-52638.	2.6	18
155	Automatic extraction and integration of behavioural indicators of malware for protection of cyber-physical networks. <i>Future Generation Computer Systems</i> , 2019, 101, 1247-1258.	4.9	18
156	Deep Learning Based Weighted Feature Fusion Approach for Sentiment Analysis. <i>IEEE Access</i> , 2019, 7, 140252-140260.	2.6	18
157	A new approach for the detection of pneumonia in children using CXR images based on an real-time IoT system. <i>Journal of Real-Time Image Processing</i> , 2021, 18, 1099-1114.	2.2	18
158	Newton-interpolation-based zk-SNARK for Artificial Internet of Things. <i>Ad Hoc Networks</i> , 2021, 123, 102656.	3.4	18
159	Buffer-aided device-to-device communication: opportunities and challenges. , 2015, 53, 67-74.		17
160	Distributed task allocation in Mobile Device Cloud exploiting federated learning and subjective logic. <i>Journal of Systems Architecture</i> , 2021, 113, 101972.	2.5	17
161	A fast instance segmentation with one-stage multi-task deep neural network for autonomous driving. <i>Computers and Electrical Engineering</i> , 2021, 93, 107194.	3.0	17
162	Deep learning-based multidimensional feature fusion for classification of ECG arrhythmia. <i>Neural Computing and Applications</i> , 2023, 35, 16073-16087.	3.2	17

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163	Smooth estimation of human foot motion for zero-velocity-update-aided inertial pedestrian navigation system. <i>Sensor Review</i> , 2015, 35, 389-400.	1.0	16
164	Design of QoS-Aware Multi-Level MAC-Layer for Wireless Body Area Network. <i>Journal of Medical Systems</i> , 2015, 39, 192.	2.2	16
165	Collaborative neighbor discovery in directional wireless sensor networks: algorithm and analysis. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017, 2017, .	1.5	16
166	Mining productive-periodic frequent patterns in tele-health systems. <i>Journal of Network and Computer Applications</i> , 2018, 115, 33-47.	5.8	16
167	An efficient networking protocol for internet of things to handle multimedia big data. <i>Multimedia Tools and Applications</i> , 2019, 78, 30039-30056.	2.6	16
168	Internet of Medical Things: An Effective and Fully Automatic IoT Approach Using Deep Learning and Fine-Tuning to Lung CT Segmentation. <i>Sensors</i> , 2020, 20, 6711.	2.1	16
169	Privacy-Aware Access Control in IoT-Enabled Healthcare: A Federated Deep Learning Approach. <i>IEEE Internet of Things Journal</i> , 2023, 10, 2893-2902.	5.5	16
170	Multi-criteria handover mobility management in 5G cellular network. <i>Computer Communications</i> , 2021, 174, 81-91.	3.1	16
171	Heterogeneous Blockchain and AI-Driven Hierarchical Trust Evaluation for 5G-Enabled Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, , 1-10.	4.7	16
172	A cloud-based serious games framework for obesity. , 2012, , .		15
173	QoS-aware Resource Provisioning for Big Data Processing in Cloud Computing Environment. , 2014, , .		15
174	Target coverage through distributed clustering in directional sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015, 2015, .	1.5	15
175	\hat{I}_{\pm} -Overlapping area coverage for clustered directional sensor networks. <i>Computer Communications</i> , 2017, 109, 89-103.	3.1	15
176	A key distribution scheme for secure communication in acoustic sensor networks. <i>Future Generation Computer Systems</i> , 2018, 86, 1209-1217.	4.9	15
177	Multilinear rank support tensor machine for crowd density estimation. <i>Engineering Applications of Artificial Intelligence</i> , 2018, 72, 382-392.	4.3	15
178	An efficient event matching system for semantic smart data in the Internet of Things (IoT) environment. <i>Future Generation Computer Systems</i> , 2019, 95, 163-174.	4.9	15
179	IoT System for School Dropout Prediction Using Machine Learning Techniques Based on Socioeconomic Data. <i>Electronics (Switzerland)</i> , 2020, 9, 1613.	1.8	15
180	An Efficient Hybrid Metaheuristic Algorithm for QoS-Aware Cloud Service Composition Problem. <i>IEEE Access</i> , 2021, 9, 95208-95217.	2.6	15

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181	Multi-Objective Accelerated Particle Swarm Optimization With Dynamic Programming Technique for Resource Allocation in Mobile Edge Computing. IEEE Access, 2021, 9, 167503-167520.	2.6	15
182	Tradeoff between User Quality-Of-Experience and Service Provider Profit in 5G Cloud Radio Access Network. Sustainability, 2017, 9, 2127.	1.6	14
183	Intelligent Sensory Pen for Aiding in the Diagnosis of Parkinson's Disease from Dynamic Handwriting Analysis. Sensors, 2020, 20, 5840.	2.1	14
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