

# M Shamim Hossain

## List of Publications by Year in descending order

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Version: 2024-02-01

312  
papers

14,719  
citations

13865

67  
h-index

28297

105  
g-index

315  
all docs

315  
docs citations

315  
times ranked

11140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud-assisted Industrial Internet of Things (IIoT) – Enabled framework for health monitoring. <i>Computer Networks</i> , 2016, 101, 192-202.	5.1	590
2	Deep Learning for EEG motor imagery classification based on multi-layer CNNs feature fusion. <i>Future Generation Computer Systems</i> , 2019, 101, 542-554.	7.5	310
3	Emotion recognition using deep learning approach from audio–visual emotional big data. <i>Information Fusion</i> , 2019, 49, 69-78.	19.1	299
4	A Survey on Sensor-Cloud: Architecture, Applications, and Approaches. <i>International Journal of Distributed Sensor Networks</i> , 2013, 9, 917923.	2.2	281
5	IoT big data analytics for smart homes with fog and cloud computing. <i>Future Generation Computer Systems</i> , 2019, 91, 563-573.	7.5	241
6	Explainable AI and Mass Surveillance System-Based Healthcare Framework to Combat COVID-19 Like Pandemics. <i>IEEE Network</i> , 2020, 34, 126-132.	6.9	237
7	Deep Anomaly Detection for Time-Series Data in Industrial IoT: A Communication-Efficient On-Device Federated Learning Approach. <i>IEEE Internet of Things Journal</i> , 2021, 8, 6348-6358.	8.7	227
8	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. <i>IEEE Access</i> , 2018, 6, 11365-11373.	4.2	217
9	Blockchain and IoT-Based Cognitive Edge Framework for Sharing Economy Services in a Smart City. <i>IEEE Access</i> , 2019, 7, 18611-18621.	4.2	216
10	Cloud-Supported Cyber–Physical Localization Framework for Patients Monitoring. <i>IEEE Systems Journal</i> , 2017, 11, 118-127.	4.6	213
11	Emotion-Aware Connected Healthcare Big Data Towards 5G. <i>IEEE Internet of Things Journal</i> , 2018, 5, 2399-2406.	8.7	209
12	Automatic Fruit Classification Using Deep Learning for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 1027-1034.	11.3	203
13	Enforcing Position-Based Confidentiality With Machine Learning Paradigm Through Mobile Edge Computing in Real-Time Industrial Informatics. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 4189-4196.	11.3	187
14	Applying Deep Learning for Epilepsy Seizure Detection and Brain Mapping Visualization. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2019, 15, 1-17.	4.3	179
15	A Security Model for Preserving the Privacy of Medical Big Data in a Healthcare Cloud Using a Fog Computing Facility With Pairing-Based Cryptography. <i>IEEE Access</i> , 2017, 5, 22313-22328.	4.2	173
16	Smart healthcare monitoring: a voice pathology detection paradigm for smart cities. <i>Multimedia Systems</i> , 2019, 25, 565-575.	4.7	165
17	Privacy-preserving blockchain-based federated learning for traffic flow prediction. <i>Future Generation Computer Systems</i> , 2021, 117, 328-337.	7.5	157
18	Cervical cancer classification using convolutional neural networks and extreme learning machines. <i>Future Generation Computer Systems</i> , 2020, 102, 643-649.	7.5	156

#	ARTICLE	IF	CITATIONS
19	Cognitive Smart Healthcare for Pathology Detection and Monitoring. IEEE Access, 2019, 7, 10745-10753.	4.2	155
20	Multilevel Weighted Feature Fusion Using Convolutional Neural Networks for EEG Motor Imagery Classification. IEEE Access, 2019, 7, 18940-18950.	4.2	151
21	Secure and Provenance Enhanced Internet of Health Things Framework: A Blockchain Managed Federated Learning Approach. IEEE Access, 2020, 8, 205071-205087.	4.2	144
22	Mobility-Aware Proactive Edge Caching for Connected Vehicles Using Federated Learning. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5341-5351.	8.0	142
23	MetaCOVID: A Siamese neural network framework with contrastive loss for n-shot diagnosis of COVID-19 patients. Pattern Recognition, 2021, 113, 107700.	8.1	136
24	The shift to 6G communications: vision and requirements. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	130
25	Blockchain-Based Mobile Edge Computing Framework for Secure Therapy Applications. IEEE Access, 2018, 6, 72469-72478.	4.2	129
26	Cognitive IoT-Cloud Integration for Smart Healthcare: Case Study for Epileptic Seizure Detection and Monitoring. Mobile Networks and Applications, 2018, 23, 1624-1635.	3.3	129
27	Edge-CoCaCo: Toward Joint Optimization of Computation, Caching, and Communication on Edge Cloud. IEEE Wireless Communications, 2018, 25, 21-27.	9.0	128
28	Adversarial Examplesâ€”Security Threats to COVID-19 Deep Learning Systems in Medical IoT Devices. IEEE Internet of Things Journal, 2021, 8, 9603-9610.	8.7	124
29	Data-Driven Trajectory Quality Improvement for Promoting Intelligent Vessel Traffic Services in 6G-Enabled Maritime IoT Systems. IEEE Internet of Things Journal, 2021, 8, 5374-5385.	8.7	120
30	Edge Intelligence in the Cognitive Internet of Things: Improving Sensitivity and Interactivity. IEEE Network, 2019, 33, 58-64.	6.9	117
31	Efficient Quantum Information Hiding for Remote Medical Image Sharing. IEEE Access, 2018, 6, 21075-21083.	4.2	116
32	Internet of Things Cloud: Architecture and Implementation. IEEE Communications Magazine, 2016, 54, 32-39.	6.1	113
33	Cloud-assisted secure video transmission and sharing framework for smart cities. Future Generation Computer Systems, 2018, 83, 596-606.	7.5	111
34	Edge Intelligence and Internet of Things in Healthcare: A Survey. IEEE Access, 2021, 9, 45-59.	4.2	110
35	Analysis of Using Blockchain to Protect the Privacy of Drone Big Data. IEEE Network, 2021, 35, 44-49.	6.9	109
36	Towards the sustainable development of smart cities through mass video surveillance: A response to the COVID-19 pandemic. Sustainable Cities and Society, 2021, 64, 102582.	10.4	107

#	ARTICLE	IF	CITATIONS
37	Secure Quantum Steganography Protocol for Fog Cloud Internet of Things. IEEE Access, 2018, 6, 10332-10340.	4.2	106
38	A snapshot research and implementation of multimodal information fusion for data-driven emotion recognition. Information Fusion, 2020, 53, 209-221.	19.1	106
39	Urban Healthcare Big Data System Based on Crowdsourced and Cloud-Based Air Quality Indicators. IEEE Communications Magazine, 2018, 56, 14-20.	6.1	103
40	Intelligent task prediction and computation offloading based on mobile-edge cloud computing. Future Generation Computer Systems, 2020, 102, 925-931.	7.5	103
41	EEG-Based Pathology Detection for Home Health Monitoring. IEEE Journal on Selected Areas in Communications, 2021, 39, 603-610.	14.0	100
42	Cloud-Assisted Speech and Face Recognition Framework for Health Monitoring. Mobile Networks and Applications, 2015, 20, 391-399.	3.3	99
43	Software defined healthcare networks. IEEE Wireless Communications, 2015, 22, 67-75.	9.0	99
44	A Buffer-Aware QoS Streaming Approach for SDN-Enabled 5G Vehicular Networks. IEEE Communications Magazine, 2017, 55, 68-73.	6.1	98
45	Lightweight and Anonymity-Preserving User Authentication Scheme for IoT-Based Healthcare. IEEE Internet of Things Journal, 2022, 9, 2649-2656.	8.7	98
46	Smart-Edge-CoCaCo: AI-Enabled Smart Edge with Joint Computation, Caching, and Communication in Heterogeneous IoT. IEEE Network, 2019, 33, 58-64.	6.9	95
47	Blockchain-Enabled Distributed Security Framework for Next-Generation IoT: An Edge Cloud and Software-Defined Network-Integrated Approach. IEEE Internet of Things Journal, 2020, 7, 6143-6149.	8.7	92
48	An Internet-of-Medical-Things-Enabled Edge Computing Framework for Tackling COVID-19. IEEE Internet of Things Journal, 2021, 8, 15847-15854.	8.7	92
49	Energy-Aware Green Adversary Model for Cyberphysical Security in Industrial System. IEEE Transactions on Industrial Informatics, 2020, 16, 3322-3329.	11.3	88
50	Patient State Recognition System for Healthcare Using Speech and Facial Expressions. Journal of Medical Systems, 2016, 40, 272.	3.6	86
51	Harnessing the power of big data analytics in the cloud to support learning analytics in mobile learning environment. Computers in Human Behavior, 2019, 92, 578-588.	8.5	86
52	B5G and Explainable Deep Learning Assisted Healthcare Vertical at the Edge: COVID-19 Perspective. IEEE Network, 2020, 34, 98-105.	6.9	84
53	Healthcare Big Data Voice Pathology Assessment Framework. IEEE Access, 2016, 4, 7806-7815.	4.2	81
54	Estimating VR Sickness and user experience using different HMD technologies: An evaluation study. Future Generation Computer Systems, 2019, 94, 302-316.	7.5	78

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55	COVID-19 and Non-COVID-19 Classification using Multi-layers Fusion From Lung Ultrasound Images. Information Fusion, 2021, 72, 80-88.	19.1	78
56	Sybil Defense Techniques in Online Social Networks: A Survey. IEEE Access, 2017, 5, 1200-1219.	4.2	77
57	Toward end-to-end biometrics-based security for IoT infrastructure. IEEE Wireless Communications, 2016, 23, 44-51.	9.0	76
58	An Emotion Recognition System for Mobile Applications. IEEE Access, 2017, 5, 2281-2287.	4.2	76
59	Deep Relative Attributes. IEEE Transactions on Multimedia, 2016, 18, 1832-1842.	7.2	75
60	Blockchain and homomorphic encryption-based privacy-preserving data aggregation model in smart grid. Computers and Electrical Engineering, 2021, 93, 107209.	4.8	75
61	Cooperative game-based distributed resource allocation in horizontal dynamic cloud federation platform. Information Systems Frontiers, 2014, 16, 523-542.	6.4	74
62	Emotion recognition using secure edge and cloud computing. Information Sciences, 2019, 504, 589-601.	6.9	74
63	Big Data-Driven Service Composition Using Parallel Clustered Particle Swarm Optimization in Mobile Environment. IEEE Transactions on Services Computing, 2016, 9, 806-817.	4.6	73
64	Audio-Visual Emotion Recognition Using Big Data Towards 5G. Mobile Networks and Applications, 2016, 21, 753-763.	3.3	73
65	Narrowband Internet of Things: Simulation and Modeling. IEEE Internet of Things Journal, 2018, 5, 2304-2314.	8.7	73
66	Audio-Visual Emotion-Aware Cloud Gaming Framework. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 2105-2118.	8.3	70
67	Telesurgery Robot Based on 5G Tactile Internet. Mobile Networks and Applications, 2018, 23, 1645-1654.	3.3	70
68	Attention-based sentiment analysis using convolutional and recurrent neural network. Future Generation Computer Systems, 2020, 113, 571-578.	7.5	70
69	An intelligent healthcare system for detection and classification to discriminate vocal fold disorders. Future Generation Computer Systems, 2018, 85, 19-28.	7.5	69
70	An Efficient Spam Detection Technique for IoT Devices Using Machine Learning. IEEE Transactions on Industrial Informatics, 2021, 17, 903-912.	11.3	69
71	Heterogeneous Information Network-Based Content Caching in the Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 10216-10226.	6.3	68
72	Heterogeneous Space and Terrestrial Integrated Networks for IoT: Architecture and Challenges. IEEE Network, 2019, 33, 15-21.	6.9	68

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73	Localization Based on Social Big Data Analysis in the Vehicular Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 1932-1940.	11.3	67
74	Deep Federated Q-Learning-Based Network Slicing for Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 5572-5582.	11.3	66
75	Convolutional neural network-based models for diagnosis of breast cancer. Neural Computing and Applications, 2022, 34, 11383-11394.	5.6	65
76	Framework for Efficient Medical Image Encryption Using Dynamic S-Boxes and Chaotic Maps. IEEE Access, 2020, 8, 160433-160449.	4.2	65
77	Toward Accurate Anomaly Detection in Industrial Internet of Things Using Hierarchical Federated Learning. IEEE Internet of Things Journal, 2022, 9, 7110-7119.	8.7	65
78	Audio-visual emotion recognition using multi-directional regression and Ridgelet transform. Journal on Multimodal User Interfaces, 2016, 10, 325-333.	2.9	62
79	EEG Pathology Detection Based on Deep Learning. IEEE Access, 2019, 7, 27781-27788.	4.2	62
80	Emotion-Aware Multimedia Systems Security. IEEE Transactions on Multimedia, 2019, 21, 617-624.	7.2	61
81	Discriminative Feature Learning for Skin Disease Classification Using Deep Convolutional Neural Network. IEEE Access, 2020, 8, 39025-39033.	4.2	61
82	A software defined network routing in wireless multihop network. Journal of Network and Computer Applications, 2017, 85, 76-83.	9.1	60
83	Cyber-physical cloud-oriented multi-sensory smart home framework for elderly people: An energy efficiency perspective. Journal of Parallel and Distributed Computing, 2017, 103, 11-21.	4.1	60
84	Relational User Attribute Inference in Social Media. IEEE Transactions on Multimedia, 2015, 17, 1031-1044.	7.2	59
85	Green Video Transmission in the Mobile Cloud Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 159-169.	8.3	59
86	Secure Enforcement in Cognitive Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 1242-1250.	8.7	59
87	Social Event Classification via Boosted Multimodal Supervised Latent Dirichlet Allocation. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 11, 1-22.	4.3	58
88	Towards context-sensitive collaborative media recommender system. Multimedia Tools and Applications, 2015, 74, 11399-11428.	3.9	58
89	An Audio-Visual Emotion Recognition System Using Deep Learning Fusion for a Cognitive Wireless Framework. IEEE Wireless Communications, 2019, 26, 62-68.	9.0	58
90	Data Interoperability and Multimedia Content Management in e-Health Systems. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1015-1023.	3.2	56

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91	Cross-Platform Multi-Modal Topic Modeling for Personalized Inter-Platform Recommendation. IEEE Transactions on Multimedia, 2015, 17, 1787-1801.	7.2	56
92	A survey on machine learning in Internet of Things: Algorithms, strategies, and applications. Internet of Things (Netherlands), 2020, 12, 100314.	7.7	56
93	Automatic Visual Concept Learning for Social Event Understanding. IEEE Transactions on Multimedia, 2015, 17, 346-358.	7.2	55
94	Leveraging Deep Learning Techniques for Malaria Parasite Detection Using Mobile Application. Wireless Communications and Mobile Computing, 2020, 2020, 1-15.	1.2	55
95	Edge-centric multimodal authentication system using encrypted biometric templates. Future Generation Computer Systems, 2018, 85, 76-87.	7.5	54
96	Spatial Blockchain-Based Secure Mass Screening Framework for Children With Dyslexia. IEEE Access, 2018, 6, 61876-61885.	4.2	54
97	Improving consumer satisfaction in smart cities using edge computing and caching: A case study of date fruits classification. Future Generation Computer Systems, 2018, 88, 333-341.	7.5	54
98	Privacy-Enhanced Data Fusion for COVID-19 Applications in Intelligent Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 15683-15693.	8.7	53
99	Cloud-Based Collaborative Media Service Framework for HealthCare. International Journal of Distributed Sensor Networks, 2014, 10, 858712.	2.2	52
100	Recurrent convolutional neural network based multimodal disease risk prediction. Future Generation Computer Systems, 2019, 92, 76-83.	7.5	51
101	Deep Learning Based Pathology Detection for Smart Connected Healthcare. IEEE Network, 2020, 34, 120-125.	6.9	51
102	Towards a Secure Mobile Edge Computing Framework for Hajj. IEEE Access, 2017, 5, 11768-11781.	4.2	49
103	COVID-19 Networking Demand: An Auction-Based Mechanism for Automated Selection of Edge Computing Services. IEEE Transactions on Network Science and Engineering, 2022, 9, 308-318.	6.4	49
104	Fog Intelligence for Real-Time IoT Sensor Data Analytics. IEEE Access, 2017, 5, 24062-24069.	4.2	48
105	HELOS: Heterogeneous Load Scheduling for Electric Vehicle-Integrated Microgrids. IEEE Transactions on Vehicular Technology, 2017, 66, 5785-5796.	6.3	47
106	Leveraging Analysis of User Behavior to Identify Malicious Activities in Large-Scale Social Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 799-813.	11.3	47
107	Blockchain-Based Privacy-Aware Content Caching in Cognitive Internet of Vehicles. IEEE Network, 2020, 34, 46-51.	6.9	47
108	Cross-domain secure data sharing using blockchain for industrial IoT. Journal of Parallel and Distributed Computing, 2021, 156, 176-184.	4.1	47

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109	Enabling Secure Authentication in Industrial IoT With Transfer Learning Empowered Blockchain. IEEE Transactions on Industrial Informatics, 2021, 17, 7725-7733.	11.3	47
110	Deep learning-based intelligent face recognition in IoT-cloud environment. Computer Communications, 2020, 152, 215-222.	5.1	47
111	Simultaneously aided diagnosis model for outpatient departments via healthcare big data analytics. Multimedia Tools and Applications, 2018, 77, 3729-3743.	3.9	46
112	Semantic Multimedia Fog Computing and IoT Environment: Sustainability Perspective. , 2018, 56, 80-87.		46
113	Biometric Security Through Visual Encryption for Fog Edge Computing. IEEE Access, 2017, 5, 5531-5538.	4.2	45
114	Multi-Aspect Aware Session-Based Recommendation for Intelligent Transportation Services. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4696-4705.	8.0	45
115	Resource Allocation for Service Composition in Cloud-based Video Surveillance Platform. , 2012, , .		44
116	Enhanced engineering education using smart class environment. Computers in Human Behavior, 2015, 51, 852-856.	8.5	44
117	An edge AI-enabled IoT healthcare monitoring system for smart cities. Computers and Electrical Engineering, 2021, 96, 107524.	4.8	43
118	Evaluating the impact of a cloud-based serious game on obese people. Computers in Human Behavior, 2014, 30, 468-475.	8.5	42
119	emHealth: Towards Emotion Health Through Depression Prediction and Intelligent Health Recommender System. Mobile Networks and Applications, 2018, 23, 216-226.	3.3	42
120	A robust and lightweight secure access scheme for cloud based E-healthcare services. Peer-to-Peer Networking and Applications, 2021, 14, 3043-3057.	3.9	42
121	Word-of-Mouth Understanding: Entity-Centric Multimodal Aspect-Opinion Mining in Social Media. IEEE Transactions on Multimedia, 2015, 17, 2281-2296.	7.2	41
122	Emotion Recognition for Cognitive Edge Computing Using Deep Learning. IEEE Internet of Things Journal, 2021, 8, 16894-16901.	8.7	41
123	Hybrid smart grid with sustainable energy efficient resources for smart cities. Sustainable Energy Technologies and Assessments, 2021, 46, 101211.	2.7	40
124	Folksonomy-Based Visual Ontology Construction and Its Applications. IEEE Transactions on Multimedia, 2016, 18, 702-713.	7.2	38
125	New Zero-Watermarking Algorithm Using Hurst Exponent for Protection of Privacy in Telemedicine. IEEE Access, 2018, 6, 7930-7940.	4.2	38
126	Autonomous monitoring in healthcare environment: Reward-based energy charging mechanism for IoT wireless sensing nodes. Future Generation Computer Systems, 2019, 98, 565-576.	7.5	38



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127	A Location-Based Mobile Crowdsensing Framework Supporting a Massive Ad Hoc Social Network Environment. , 2017, 55, 76-85.		37
128	Self-attention based recurrent convolutional neural network for disease prediction using healthcare data. Computer Methods and Programs in Biomedicine, 2020, 190, 105191.	4.7	36
129	Access Control Protocol for Battlefield Surveillance in Drone-Assisted IoT Environment. IEEE Internet of Things Journal, 2022, 9, 2708-2721.	8.7	36
130	A Multimodal, Multimedia Point-of-Care Deep Learning Framework for COVID-19 Diagnosis. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-24.	4.3	35
131	AR-based serious game framework for post-stroke rehabilitation. Multimedia Systems, 2016, 22, 659-674.	4.7	34
132	Artificial-Intelligence-Based Data Analytics for Cognitive Communication in Heterogeneous Wireless Networks. IEEE Wireless Communications, 2019, 26, 83-89.	9.0	34
133	Double Auction Mechanisms For Dynamic Autonomous Electric Vehicles Energy Trading. IEEE Transactions on Vehicular Technology, 2019, 68, 7466-7476.	6.3	34
134	Enhanced Living by Assessing Voice Pathology Using a Co-Occurrence Matrix. Sensors, 2017, 17, 267.	3.8	33
135	Distortion less secret image sharing scheme for Internet of Things system. Cluster Computing, 2019, 22, 2293-2307.	5.0	33
136	Environment Classification for Urban Big Data Using Deep Learning. IEEE Communications Magazine, 2018, 56, 44-50.	6.1	32
137	A Data Security Enhanced Access Control Mechanism in Mobile Edge Computing. IEEE Access, 2020, 8, 136119-136130.	4.2	31
138	Patient status monitoring for smart home healthcare. , 2016, , .		29
139	Self-Adaptive Scheduling of Base Transceiver Stations in Green 5G Networks. IEEE Access, 2018, 6, 7958-7969.	4.2	29
140	COCME: Content-Oriented Caching on the Mobile Edge for Wireless Communications. IEEE Wireless Communications, 2019, 26, 26-31.	9.0	29
141	AI-Powered Green Cloud and Data Center. IEEE Access, 2019, 7, 4195-4203.	4.2	29
142	A knowledge-driven approach for activity recognition in smart homes based on activity profiling. Future Generation Computer Systems, 2020, 107, 924-941.	7.5	29
143	Tree-Based Deep Networks for Edge Devices. IEEE Transactions on Industrial Informatics, 2020, 16, 2022-2028.	11.3	29
144	Hand Gesture Recognition Using 3D-CNN Model. IEEE Consumer Electronics Magazine, 2020, 9, 95-101.	2.3	28

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145	An end-to-end deep learning model for human activity recognition from highly sparse body sensor data in Internet of Medical Things environment. <i>Journal of Supercomputing</i> , 2021, 77, 2237-2250.	3.6	28
146	Green Cognitive Body Sensor Network: Architecture, Energy Harvesting, and Smart Clothing-Based Applications. <i>IEEE Sensors Journal</i> , 2019, 19, 8371-8378.	4.7	27
147	Blockchain and Deep Reinforcement Learning Empowered Spatial Crowdsourcing in Software-Defined Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 3755-3764.	8.0	27
148	Pre-Trained Convolutional Neural Networks for Breast Cancer Detection Using Ultrasound Images. <i>ACM Transactions on Internet Technology</i> , 2021, 21, 1-17.	4.4	27
149	Stacked Autoencoder-Based Intrusion Detection System to Combat Financial Fraudulent. <i>IEEE Internet of Things Journal</i> , 2023, 10, 2071-2078.	8.7	27
150	Deep Feature Learning for Disease Risk Assessment Based on Convolutional Neural Network With Intra-Layer Recurrent Connection by Using Hospital Big Data. <i>IEEE Access</i> , 2018, 6, 67927-67939.	4.2	26
151	Deep Learning-Enabled Threat Intelligence Scheme in the Internet of Things Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 2968-2981.	6.4	26
152	A Secure Data Aggregation Strategy in Edge Computing and Blockchain-Empowered Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022, 9, 14237-14246.	8.7	26
153	A Deep-Tree-Model-Based Radio Resource Distribution for 5G Networks. <i>IEEE Wireless Communications</i> , 2020, 27, 62-67.	9.0	26
154	A Highly Efficient Vehicle Taillight Detection Approach Based on Deep Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 4716-4726.	8.0	26
155	Res-CovNet: an internet of medical health things driven COVID-19 framework using transfer learning. <i>Neural Computing and Applications</i> , 2023, 35, 13907-13920.	5.6	26
156	Ant-based service selection framework for a smart home monitoring environment. <i>Multimedia Tools and Applications</i> , 2013, 67, 433-453.	3.9	25
157	A secure, private, and explainable IoHT framework to support sustainable health monitoring in a smart city. <i>Sustainable Cities and Society</i> , 2021, 72, 103083.	10.4	25
158	A biologically inspired multimedia content repurposing system in heterogeneous environments. <i>Multimedia Systems</i> , 2008, 14, 135-143.	4.7	24
159	TOLA: Topic-oriented learning assistance based on cyber-physical system and big data. <i>Future Generation Computer Systems</i> , 2017, 75, 200-205.	7.5	24
160	Proactive Cache-Based Location Privacy Preserving for Vehicle Networks. <i>IEEE Wireless Communications</i> , 2018, 25, 77-83.	9.0	24
161	A Deep-Learning-Based Edge-Centric COVID-19-Like Pandemic Screening and Diagnosis System within a B5G Framework Using Blockchain. <i>IEEE Network</i> , 2021, 35, 74-81.	6.9	24
162	Emotion-Aware Video QoE Assessment Via Transfer Learning. <i>IEEE MultiMedia</i> , 2019, 26, 31-40.	1.7	23

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163	A Unified Video Recommendation by Cross-Network User Modeling. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-24.	4.3	22
164	SMDP-Based Radio Resource Allocation Scheme in Software-Defined Internet of Things Networks. IEEE Sensors Journal, 2016, 16, 7304-7314.	4.7	22
165	QoS and Privacy-Aware Routing for 5G-Enabled Industrial Internet of Things: A Federated Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2022, 18, 4189-4197.	11.3	22
166	A biologically inspired framework for multimedia service management in a ubiquitous environment. Concurrency Computation Practice and Experience, 2009, 21, 1450-1466.	2.2	21
167	A Secure Cloudlet-Based Charging Station Recommendation for Electric Vehicles Empowered by Federated Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 6464-6473.	11.3	21
168	STCAPLRS. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-30.	4.5	20
169	Multiple Disease Risk Assessment With Uniform Model Based on Medical Clinical Notes. IEEE Access, 2016, 4, 7074-7083.	4.2	20
170	Multimedia-oriented action recognition in Smart City-based IoT using multilayer perceptron. Multimedia Tools and Applications, 2019, 78, 30315-30329.	3.9	20
171	Privacy-preserving based task allocation with mobile edge clouds. Information Sciences, 2020, 507, 288-297.	6.9	20
172	Energy Efficiency and Hover Time Optimization in UAV-Based HetNets. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5103-5111.	8.0	20
173	An efficient key agreement protocol for Sybil-precaution in online social networks. Future Generation Computer Systems, 2018, 84, 139-148.	7.5	19
174	False-Alarm Detection in the Fog-Based Internet of Connected Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 7035-7044.	6.3	19
175	PriParkRec: Privacy-Preserving Decentralized Parking Recommendation Service. IEEE Transactions on Vehicular Technology, 2021, 70, 4037-4050.	6.3	19
176	Usability of a cloud-based collaborative learning framework to improve learners's™ experience. Computers in Human Behavior, 2015, 51, 967-976.	8.5	18
177	Privacy-Preserving Data Communication Through Secure Multi-Party Computation in Healthcare Sensor Cloud. Journal of Signal Processing Systems, 2017, 89, 51-59.	2.1	18
178	<scp>SybilTrap</scp>: A graph-based semi-supervised <scp>Sybil</scp> defense scheme for online social networks. Concurrency Computation Practice and Experience, 2018, 30, e4276.	2.2	18
179	AI-Enabled IIoT for Live Smart City Event Monitoring. IEEE Internet of Things Journal, 2023, 10, 2872-2880.	8.7	18
180	eDiaPredict: An Ensemble-based Framework for Diabetes Prediction. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-26.	4.3	18

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181	Reliable service delivery in Tele-health care systems. Journal of Network and Computer Applications, 2018, 115, 86-93.	9.1	17
182	m-Therapy: A Multisensor Framework for in-Home Therapy Management: A Social Therapy of Things Perspective. IEEE Internet of Things Journal, 2018, 5, 2548-2556.	8.7	17
183	A Blockchain-Based Non-Invasive Cyber-Physical Occupational Therapy Framework: BCI Perspective. IEEE Access, 2019, 7, 34874-34884.	4.2	17
184	Data fusion and transfer learning empowered granular trust evaluation for Internet of Things. Information Fusion, 2022, 78, 149-157.	19.1	17
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