M Shamim Hossain

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/434070/publications.pdf Version: 2024-02-01

		13865	28297
312	14,719	67	105
papers	citations	h-index	g-index
315	315	315	11140
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Al-Enabled IIoT for Live Smart City Event Monitoring. IEEE Internet of Things Journal, 2023, 10, 2872-2880.	8.7	18
2	Res-CovNet: an internet of medical health things driven COVID-19 framework using transfer learning. Neural Computing and Applications, 2023, 35, 13907-13920.	5.6	26
3	Stacked Autoencoder-Based Intrusion Detection System to Combat Financial Fraudulent. IEEE Internet of Things Journal, 2023, 10, 2071-2078.	8.7	27
4	A Secure Multilayer Architecture for Software-Defined Space Information Networks. IEEE Consumer Electronics Magazine, 2023, 12, 64-72.	2.3	1
5	Light Deep Models for Cognitive Computing in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1144-1152.	8.0	3
6	On Minimizing the Age of Information in NOMA-Based Vehicular Networks Using Markov Decision Process. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15557-15567.	8.0	2
7	Convolutional neural network-based models for diagnosis of breast cancer. Neural Computing and Applications, 2022, 34, 11383-11394.	5.6	65
8	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
9	Toward Efficient Data Trading in AI Enabled Reconfigurable Wireless Sensor Network Using Contract and Game Theories. IEEE Transactions on Network Science and Engineering, 2022, 9, 98-108.	6.4	10
10	A Secure Data Aggregation Strategy in Edge Computing and Blockchain-Empowered Internet of Things. IEEE Internet of Things Journal, 2022, 9, 14237-14246.	8.7	26
11	A Collaborative AI-Enabled Pretrained Language Model for AIoT Domain Question Answering. IEEE Transactions on Industrial Informatics, 2022, 18, 3387-3396.	11.3	13
12	Consumer Electronic Devices: Evolution and Edge Security Solutions. IEEE Consumer Electronics Magazine, 2022, 11, 15-20.	2.3	5
13	Lightweight and Anonymity-Preserving User Authentication Scheme for IoT-Based Healthcare. IEEE Internet of Things Journal, 2022, 9, 2649-2656.	8.7	98
14	Access Control Protocol for Battlefield Surveillance in Drone-Assisted IoT Environment. IEEE Internet of Things Journal, 2022, 9, 2708-2721.	8.7	36
15	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
16	Data fusion and transfer learning empowered granular trust evaluation for Internet of Things. Information Fusion, 2022, 78, 149-157.	19.1	17
17	Coverage Analysis of mmWave and THz-Enabled Aerial and Terrestrial Heterogeneous Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22478-22491.	8.0	10
18	Design of a Social Robot Interact With Artificial Intelligence by Versatile Control Systems. IEEE Sensors Journal, 2022, 22, 17542-17549.	4.7	6

#	Article	IF	CITATIONS
19	Heuristic Optimization of Multipulse Rectifier for Reduced Energy Consumption. IEEE Transactions on Industrial Informatics, 2022, 18, 5515-5526.	11.3	14
20	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
21	Predictive Analytics of Energy Usage by IoT-Based Smart Home Appliances for Green Urban Development. ACM Transactions on Internet Technology, 2022, 22, 1-26.	4.4	3
22	Privacy-Preserving Serverless Computing Using Federated Learning for Smart Grids. IEEE Transactions on Industrial Informatics, 2022, 18, 7843-7852.	11.3	11
23	An efficient and cost effective application mapping for network-on-chip using Andean condor algorithm. Journal of Network and Computer Applications, 2022, 200, 103319.	9.1	7
24	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
25	Affective Interaction: Attentive Representation Learning for Multi-Modal Sentiment Classification. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-23.	4.3	3
26	A security framework for QaaS model in intelligent transportation systems. Microprocessors and Microsystems, 2022, 90, 104500.	2.8	2
27	Special Section on Edge-Al for Connected Living. ACM Transactions on Internet Technology, 2022, 22, 1-3.	4.4	0
28	Deep learning in multimedia healthcare applications: a review. Multimedia Systems, 2022, 28, 1465-1479.	4.7	6
29	Dual-Hop Mixed FSO-VLC Underwater Wireless Communication Link. IEEE Transactions on Network and Service Management, 2022, 19, 3105-3120.	4.9	8
30	A Deep Learning Assisted Software Defined Security Architecture for 6G Wireless Networks: IIoT Perspective. IEEE Wireless Communications, 2022, 29, 52-59.	9.0	8
31	Traffic Safety Detection System by Digital Twins and Virtual Reality Technology. , 2022, , .		4
32	Special issue deep learning for multimedia healthcare. Multimedia Systems, 2022, 28, 1147-1150.	4.7	2
33	Deep Learning-Enabled Threat Intelligence Scheme in the Internet of Things Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 2968-2981.	6.4	26
34	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
35	Deep Federated Q-Learning-Based Network Slicing for Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 5572-5582.	11.3	66
36	Multi-Aspect Aware Session-Based Recommendation for Intelligent Transportation Services. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4696-4705.	8.0	45

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37	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.	3.6	28
38	An Efficient Spam Detection Technique for IoT Devices Using Machine Learning. IEEE Transactions on Industrial Informatics, 2021, 17, 903-912.	11.3	69
39	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
40	A Highly Efficient Vehicle Taillight Detection Approach Based on Deep Learning. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4716-4726.	8.0	26
41	Adversarial Examples—Security Threats to COVID-19 Deep Learning Systems in Medical IoT Devices. IEEE Internet of Things Journal, 2021, 8, 9603-9610.	8.7	124
42	Deep Anomaly Detection for Time-Series Data in Industrial IoT: A Communication-Efficient On-Device Federated Learning Approach. IEEE Internet of Things Journal, 2021, 8, 6348-6358.	8.7	227
43	Voice-Transfer Attacking on Industrial Voice Control Systems in 5G-Aided IIoT Domain. IEEE Transactions on Industrial Informatics, 2021, 17, 7085-7092.	11.3	16
44	Entity-aware capsule network for multi-class classification of big data: A deep learning approach. Future Generation Computer Systems, 2021, 117, 1-11.	7.5	14
45	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
46	Privacy-preserving blockchain-based federated learning for traffic flow prediction. Future Generation Computer Systems, 2021, 117, 328-337.	7.5	157
47	Blockchain for Secure-GaS: Blockchain-Powered Secure Natural Gas IoT System With Al-Enabled Gas Prediction and Transaction in Smart City. IEEE Internet of Things Journal, 2021, 8, 6305-6312.	8.7	15
48	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
49	Blockchain and Deep Reinforcement Learning Empowered Spatial Crowdsourcing in Software-Defined Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3755-3764.	8.0	27
50	PPCS: An Intelligent Privacy-Preserving Mobile-Edge Crowdsensing Strategy for Industrial IoT. IEEE Internet of Things Journal, 2021, 8, 10288-10298.	8.7	15
51	Energy Efficiency and Hover Time Optimization in UAV-Based HetNets. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5103-5111.	8.0	20
52	EEG-Based Pathology Detection for Home Health Monitoring. IEEE Journal on Selected Areas in Communications, 2021, 39, 603-610.	14.0	100
53	Mobility-Aware Proactive Edge Caching for Connected Vehicles Using Federated Learning. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5341-5351.	8.0	142
54	Deep Learning (DL)-Enabled System for Emotional Big Data. IEEE Access, 2021, 9, 116073-116082.	4.2	5

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55	Analysis of Using Blockchain to Protect the Privacy of Drone Big Data. IEEE Network, 2021, 35, 44-49.	6.9	109
56	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
57	Machine Learning Modelling-Powered IoT Systems for Smart Applications. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 185-212.	0.7	1
58	A Deep-Learning-Based Edge-Centric COVID-19-Like Pandemic Screening and Diagnosis System within a B5G Framework Using Blockchain. IEEE Network, 2021, 35, 74-81.	6.9	24
59	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
60	PriParkRec: Privacy-Preserving Decentralized Parking Recommendation Service. IEEE Transactions on Vehicular Technology, 2021, 70, 4037-4050.	6.3	19
61	Guest Editorial: Al-Enabled Networking Technologies for Tackling Epidemic Diseases. IEEE Network, 2021, 35, 12-13.	6.9	0
62	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
63	Emotion-aware mobile edge computing system: A case study. Computers and Electrical Engineering, 2021, 92, 107120.	4.8	3
64	DeepHealth: A Secure Framework to Manage Health Certificates Through Medical IoT, Blockchain and Deep Learning. , 2021, , .		2
65	eDiaPredict: An Ensemble-based Framework for Diabetes Prediction. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-26.	4.3	18
66	Pre-Trained Convolutional Neural Networks for Breast Cancer Detection Using Ultrasound Images. ACM Transactions on Internet Technology, 2021, 21, 1-17.	4.4	27
67	Blockchain and homomorphic encryption-based privacy-preserving data aggregation model in smart grid. Computers and Electrical Engineering, 2021, 93, 107209.	4.8	75
68	Transfer reinforcement learning-based road object detection in next generation IoT domain. Computer Networks, 2021, 193, 108078.	5.1	16
69	Hybrid smart grid with sustainable energy efficient resources for smart cities. Sustainable Energy Technologies and Assessments, 2021, 46, 101211.	2.7	40
70	COVID-19 and Non-COVID-19 Classification using Multi-layers Fusion From Lung Ultrasound Images. Information Fusion, 2021, 72, 80-88.	19.1	78
71	A secure, private, and explainable IoHT framework to support sustainable health monitoring in a smart city. Sustainable Cities and Society, 2021, 72, 103083.	10.4	25
72	A Blockchain-Based Secure Data Aggregation Strategy Using Sixth Generation Enabled Network-in-Box for Industrial Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 7204-7212.	11.3	16

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73	Cross-domain secure data sharing using blockchain for industrial IoT. Journal of Parallel and Distributed Computing, 2021, 156, 176-184.	4.1	47
74	Enabling Secure Authentication in Industrial IoT With Transfer Learning Empowered Blockchain. IEEE Transactions on Industrial Informatics, 2021, 17, 7725-7733.	11.3	47
75	Incentive mechanism for collaborative distributed learning in Artificial Intelligence of Things. Future Generation Computer Systems, 2021, 125, 376-384.	7.5	8
76	Edge Intelligence and Internet of Things in Healthcare: A Survey. IEEE Access, 2021, 9, 45-59.	4.2	110
77	Blockchain-Empowered Trusted Networking for Unmanned Aerial Vehicles in the B5G Era. IEEE Network, 2021, 35, 72-77.	6.9	17
78	An Explainable Deep Learning Ensemble Model for Robust Diagnosis of Diabetic Retinopathy Grading. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-24.	4.3	17
79	An edge Al-enabled IoT healthcare monitoring system for smart cities. Computers and Electrical Engineering, 2021, 96, 107524.	4.8	43
80	Emotion Recognition for Cognitive Edge Computing Using Deep Learning. IEEE Internet of Things Journal, 2021, 8, 16894-16901.	8.7	41
81	Deep-Reinforcement-Learning-Based Sustainable Energy Distribution for Wireless Communication. IEEE Wireless Communications, 2021, 28, 42-48.	9.0	5
82	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
83	Towards energy-aware cloud-oriented cyber-physical therapy system. Future Generation Computer Systems, 2020, 105, 800-813.	7.5	13
84	Learning for Smart Edge: Cognitive Learning-Based Computation Offloading. Mobile Networks and Applications, 2020, 25, 1016-1022.	3.3	9
85	Toward cognitive support for automated defect detection. Neural Computing and Applications, 2020, 32, 4325-4333.	5.6	8
86	A snapshot research and implementation of multimodal information fusion for data-driven emotion recognition. Information Fusion, 2020, 53, 209-221.	19.1	106
87	A forecasting tool for prediction of epileptic seizures using a machine learning approach. Concurrency Computation Practice and Experience, 2020, 32, e5111.	2.2	11
88	Cervical cancer classification using convolutional neural networks and extreme learning machines. Future Generation Computer Systems, 2020, 102, 643-649.	7.5	156
89	Intelligent task prediction and computation offloading based on mobile-edge cloud computing. Future Generation Computer Systems, 2020, 102, 925-931.	7.5	103
90	Privacy-preserving based task allocation with mobile edge clouds. Information Sciences, 2020, 507, 288-297.	6.9	20

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91	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
92	Joint power and time allocation in energy harvesting of UAV operating system. Computer Communications, 2020, 150, 811-817.	5.1	13
93	Hand Gesture Recognition Using 3D-CNN Model. IEEE Consumer Electronics Magazine, 2020, 9, 95-101.	2.3	28
94	Tree-Based Deep Networks for Edge Devices. IEEE Transactions on Industrial Informatics, 2020, 16, 2022-2028.	11.3	29
95	Energy-Aware Green Adversary Model for Cyberphysical Security in Industrial System. IEEE Transactions on Industrial Informatics, 2020, 16, 3322-3329.	11.3	88
96	TermInformer: unsupervised term mining and analysis in biomedical literature. Neural Computing and Applications, 2020, , 1-14.	5.6	16
97	Light Deep Model for Pulmonary Nodule Detection from CT Scan Images for Mobile Devices. Wireless Communications and Mobile Computing, 2020, 2020, 1-8.	1.2	15
98	Leveraging Deep Learning Techniques for Malaria Parasite Detection Using Mobile Application. Wireless Communications and Mobile Computing, 2020, 2020, 1-15.	1.2	55
99	Privacy and Security Management in Intelligent Transportation System. IEEE Access, 2020, 8, 148677-148688.	4.2	11
100	B5G and Explainable Deep Learning Assisted Healthcare Vertical at the Edge: COVID-19 Perspective. IEEE Network, 2020, 34, 98-105.	6.9	84
101	A Data Security Enhanced Access Control Mechanism in Mobile Edge Computing. IEEE Access, 2020, 8, 136119-136130.	4.2	31
102	Deep Learning Based Pathology Detection for Smart Connected Healthcare. IEEE Network, 2020, 34, 120-125.	6.9	51
103	A survey on machine learning in Internet of Things: Algorithms, strategies, and applications. Internet of Things (Netherlands), 2020, 12, 100314.	7.7	56
104	MEMO Box: Health Assistant for Depression With Medicine Carrier and Exercise Adjustment Driven by Edge Computing. IEEE Access, 2020, 8, 195568-195577.	4.2	5
105	Notice of Violation of IEEE Publication Principles: Reversible Data Hiding and Smart Multimedia Computing Using Big Data in Remote Sensing Systems. IEEE Access, 2020, 8, 153546-153560.	4.2	4
106	DLIFT: A deepâ€learningâ€based intelligent fund transaction system for financial Internet of Things. Concurrency Computation Practice and Experience, 2020, , e5982.	2.2	1
107	Framework for Efficient Medical Image Encryption Using Dynamic S-Boxes and Chaotic Maps. IEEE Access, 2020, 8, 160433-160449.	4.2	65
108	Trusted Orchestration for Smart Decision-Making in Internet of Vehicles. IEEE Access, 2020, 8, 157427-157436.	4.2	2

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109	IEEE Access Special Section Editorial: Mobile Multimedia for Healthcare. IEEE Access, 2020, 8, 153799-153803.	4.2	1
110	Predicting users' behavior using mouse movement information: an information foraging theory perspective. Neural Computing and Applications, 2020, , 1.	5.6	3
111	IoEV-Chain: A 5G-Based Secure Inter-Connected Mobility Framework for the Internet of Electric Vehicles. IEEE Network, 2020, 34, 190-197.	6.9	10
112	Secure and Provenance Enhanced Internet of Health Things Framework: A Blockchain Managed Federated Learning Approach. IEEE Access, 2020, 8, 205071-205087.	4.2	144
113	Smart Autonomous Moving Platforms. IEEE Network, 2020, 34, 116-123.	6.9	7
114	IF-RANs: Intelligent Traffic Prediction and Cognitive Caching toward Fog-Computing-Based Radio Access Networks. IEEE Wireless Communications, 2020, 27, 29-35.	9.0	13
115	A Deep-Tree-Model-Based Radio Resource Distribution for 5G Networks. IEEE Wireless Communications, 2020, 27, 62-67.	9.0	26
116	Explainable AI and Mass Surveillance System-Based Healthcare Framework to Combat COVID-19 Like Pandemics. IEEE Network, 2020, 34, 126-132.	6.9	237
117	Attention-based sentiment analysis using convolutional and recurrent neural network. Future Generation Computer Systems, 2020, 113, 571-578.	7.5	70
118	Learning-Based IoT Data Aggregation for Disaster Scenarios. IEEE Access, 2020, 8, 128490-128497.	4.2	14
119	Discriminative Feature Learning for Skin Disease Classification Using Deep Convolutional Neural Network. IEEE Access, 2020, 8, 39025-39033.	4.2	61
120	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
121	Follow me Robot-Mind: Cloud brain based personalized robot service with migration. Future Generation Computer Systems, 2020, 107, 324-332.	7.5	13
122	Blockchain-Based Privacy-Aware Content Caching in Cognitive Internet of Vehicles. IEEE Network, 2020, 34, 46-51.	6.9	47
123	Performance Evaluation of RTS/CTS Scheme in Beacon-Enabled IEEE 802.15.6 MAC Protocol for Wireless Body Area Networks. Sensors, 2020, 20, 2368.	3.8	9
124	Cloudlet-Based Intelligent Auctioning Agents for Truthful Autonomous Electric Vehicles Energy Crowdsourcing. IEEE Transactions on Vehicular Technology, 2020, 69, 5457-5466.	6.3	16
125	Multiple contents offloading mechanism in Al-enabled opportunistic networks. Computer Communications, 2020, 155, 93-103.	5.1	3
126	Deep learning-based intelligent face recognition in IoT-cloud environment. Computer Communications, 2020, 152, 215-222.	5.1	47

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127	The shift to 6G communications: vision and requirements. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	130
128	Deep Learning for EEG Motor Imagery-Based Cognitive Healthcare. , 2020, , 233-254.		4
129	Trusted Computation Using ABM and PBM Decision Models for ITS. IEEE Access, 2020, 8, 195788-195798.	4.2	2
130	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
131	An IoT and Blockchain-Based Multi-Sensory In-Home Quality of Life Framework for Cancer Patients. , 2019, , .		14
132	Emotion recognition using secure edge and cloud computing. Information Sciences, 2019, 504, 589-601.	6.9	74
133	COCME: Content-Oriented Caching on the Mobile Edge for Wireless Communications. IEEE Wireless Communications, 2019, 26, 26-31.	9.0	29
134	Deep Learning for EEG motor imagery classification based on multi-layer CNNs feature fusion. Future Generation Computer Systems, 2019, 101, 542-554.	7.5	310
135	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
136	Artificial-Intelligence-Based Data Analytics for Cognitive Communication in Heterogeneous Wireless Networks. IEEE Wireless Communications, 2019, 26, 83-89.	9.0	34
137	Heterogeneous Information Network-Based Content Caching in the Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 10216-10226.	6.3	68
138	Multilevel Weighted Feature Fusion Using Convolutional Neural Networks for EEG Motor Imagery Classification. IEEE Access, 2019, 7, 18940-18950.	4.2	151
139	Blockchain and IoT-Based Cognitive Edge Framework for Sharing Economy Services in a Smart City. IEEE Access, 2019, 7, 18611-18621.	4.2	216
140	Virtualized QoS-Driven Spectrum Allocation in Space-Terrestrial Integrated Networks. IEEE Network, 2019, 33, 58-63.	6.9	8
141	False-Alarm Detection in the Fog-Based Internet of Connected Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 7035-7044.	6.3	19
142	Double Auction Mechanisms For Dynamic Autonomous Electric Vehicles Energy Trading. IEEE Transactions on Vehicular Technology, 2019, 68, 7466-7476.	6.3	34
143	Edge Intelligence in the Cognitive Internet of Things: Improving Sensitivity and Interactivity. IEEE Network, 2019, 33, 58-64.	6.9	117
144	QoS-oriented multimedia transmission using multipath routing. Future Generation Computer Systems, 2019, 99, 226-234.	7.5	12

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145	EEG Pathology Detection Based on Deep Learning. IEEE Access, 2019, 7, 27781-27788.	4.2	62
146	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
147	A Blockchain-Based Non-Invasive Cyber-Physical Occupational Therapy Framework: BCI Perspective. IEEE Access, 2019, 7, 34874-34884.	4.2	17
148	Multi-task emotion communication system with dynamic resource allocations. Information Fusion, 2019, 52, 167-174.	19.1	6
149	Autonomous monitoring in healthcare environment: Reward-based energy charging mechanism for IoMT wireless sensing nodes. Future Generation Computer Systems, 2019, 98, 565-576.	7.5	38
150	Applying Deep Learning for Epilepsy Seizure Detection and Brain Mapping Visualization. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-17.	4.3	179
151	Enforcing Position-Based Confidentiality With Machine Learning Paradigm Through Mobile Edge Computing in Real-Time Industrial Informatics. IEEE Transactions on Industrial Informatics, 2019, 15, 4189-4196.	11.3	187
152	Multimedia-oriented action recognition in Smart City-based IoT using multilayer perceptron. Multimedia Tools and Applications, 2019, 78, 30315-30329.	3.9	20
153	Enabling Networked Services and Technologies for Connected Healthcare. IEEE Network, 2019, 33, 6-7.	6.9	15
154	CIFT: Connected Intelligent Fund Transaction System Based on Deep Learning. , 2019, , .		0
155	Improved Recurrent Neural Networks (RNN) Based Intelligent Fund Transaction Model. , 2019, , .		1
156	Power Transferring and Analogue Communication Approach for Implantable Devices. , 2019, , .		0
157	IoT big data analytics for smart homes with fog and cloud computing. Future Generation Computer Systems, 2019, 91, 563-573.	7.5	241
158	Emotion recognition using deep learning approach from audio–visual emotional big data. Information Fusion, 2019, 49, 69-78.	19.1	299
159	Green Cognitive Body Sensor Network: Architecture, Energy Harvesting, and Smart Clothing-Based Applications. IEEE Sensors Journal, 2019, 19, 8371-8378.	4.7	27
160	Emotion-Aware Video QoE Assessment Via Transfer Learning. IEEE MultiMedia, 2019, 26, 31-40.	1.7	23
161	Camera localization for a human-pose in 3D space using a single 2D human-pose image with landmarks: a multimedia social network emerging demand. Multimedia Tools and Applications, 2019, 78, 3587-3608.	3.9	4
162	Emotion-Aware Multimedia Systems Security. IEEE Transactions on Multimedia, 2019, 21, 617-624.	7.2	61

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163	Cognitive Smart Healthcare for Pathology Detection and Monitoring. IEEE Access, 2019, 7, 10745-10753.	4.2	155
164	Heterogeneous Space and Terrestrial Integrated Networks for IoT: Architecture and Challenges. IEEE Network, 2019, 33, 15-21.	6.9	68
165	Al-Powered Green Cloud and Data Center. IEEE Access, 2019, 7, 4195-4203.	4.2	29
166	Automatic Fruit Classification Using Deep Learning for Industrial Applications. IEEE Transactions on Industrial Informatics, 2019, 15, 1027-1034.	11.3	203
167	Estimating VR Sickness and user experience using different HMD technologies: An evaluation study. Future Generation Computer Systems, 2019, 94, 302-316.	7.5	78
168	Data-Driven Resource Management in a 5G Wearable Network Using Network Slicing Technology. IEEE Sensors Journal, 2019, 19, 8379-8386.	4.7	14
169	Recurrent convolutional neural network based multimodal disease risk prediction. Future Generation Computer Systems, 2019, 92, 76-83.	7.5	51
170	Smart healthcare monitoring: a voice pathology detection paradigm for smart cities. Multimedia Systems, 2019, 25, 565-575.	4.7	165
171	Score level multibiometrics fusion approach for healthcare. Cluster Computing, 2019, 22, 2425-2436.	5.0	16
172	Distortion less secret image sharing scheme for Internet of Things system. Cluster Computing, 2019, 22, 2293-2307.	5.0	33
173	A parameter based growing ensemble of self-organizing maps for outlier detection in healthcare. Cluster Computing, 2019, 22, 2437-2460.	5.0	7
174	A cloud-based virtual caregiver for elderly people in a cyber physical IoT system. Cluster Computing, 2019, 22, 2317-2330.	5.0	8
175	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. IEEE Access, 2018, 6, 11365-11373.	4.2	217
176	Self-Adaptive Scheduling of Base Transceiver Stations in Green 5G Networks. IEEE Access, 2018, 6, 7958-7969.	4.2	29
177	Research and Implementation of ECG-Based Biological Recognition Parallelization. IEEE Access, 2018, 6, 4759-4766.	4.2	9
178	New Zero-Watermarking Algorithm Using Hurst Exponent for Protection of Privacy in Telemedicine. IEEE Access, 2018, 6, 7930-7940.	4.2	38
179	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
180	Secure Quantum Steganography Protocol for Fog Cloud Internet of Things. IEEE Access, 2018, 6, 10332-10340.	4.2	106

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181	Secure Enforcement in Cognitive Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 1242-1250.	8.7	59
182	An Annotation Technique for In-Home Smart Monitoring Environments. IEEE Access, 2018, 6, 1471-1479.	4.2	16
183	Vulnerability Analysis for the Authentication Protocols in Trusted Computing Platforms and a Proposed Enhancement of the OffPAD Protocol. IEEE Access, 2018, 6, 6071-6081.	4.2	13
184	Cloud-supported framework for patients in post-stroke disability rehabilitation. Telematics and Informatics, 2018, 35, 826-836.	5.8	11
185	Reliable service delivery in Tele-health care systems. Journal of Network and Computer Applications, 2018, 115, 86-93.	9.1	17
186	Efficient Quantum Information Hiding for Remote Medical Image Sharing. IEEE Access, 2018, 6, 21075-21083.	4.2	116
187	An intelligent healthcare system for detection and classification to discriminate vocal fold disorders. Future Generation Computer Systems, 2018, 85, 19-28.	7.5	69
188	Edge-centric multimodal authentication system using encrypted biometric templates. Future Generation Computer Systems, 2018, 85, 76-87.	7.5	54
189	Simultaneously aided diagnosis model for outpatient departments via healthcare big data analytics. Multimedia Tools and Applications, 2018, 77, 3729-3743.	3.9	46
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