

Ahmad S Almogren

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208 papers	4,707 citations	37 h-index	59 g-index
221 ext. papers	6,335 ext. citations	3.9 avg, IF	6.6 L-index

#	Paper	IF	Citations
208	A robust human activity recognition system using smartphone sensors and deep learning. <i>Future Generation Computer Systems</i> , 2018 , 81, 307-313	7.5	286
207	A Survey on Sensor-Cloud: Architecture, Applications, and Approaches. <i>International Journal of Distributed Sensor Networks</i> , 2013 , 9, 917923	1.7	225
206	Human emotion recognition using deep belief network architecture. <i>Information Fusion</i> , 2019 , 51, 10-18	16.7	134
205	. <i>IEEE Access</i> , 2017 , 5, 22313-22328	3.5	125
204	An Optimized Home Energy Management System with Integrated Renewable Energy and Storage Resources. <i>Energies</i> , 2017 , 10, 549	3.1	123
203	AIWAC: affective interaction through wearable computing and cloud technology. <i>IEEE Wireless Communications</i> , 2015 , 22, 20-27	13.4	119
202	Autonomic computation offloading in mobile edge for IoT applications. <i>Future Generation Computer Systems</i> , 2019 , 90, 149-157	7.5	117
201	A Hybrid Genetic Wind Driven Heuristic Optimization Algorithm for Demand Side Management in Smart Grid. <i>Energies</i> , 2017 , 10, 319	3.1	112
200	Smart healthcare monitoring: a voice pathology detection paradigm for smart cities. <i>Multimedia Systems</i> , 2019 , 25, 565-575	2.2	106
199	Facial Expression Recognition Utilizing Local Direction-Based Robust Features and Deep Belief Network. <i>IEEE Access</i> , 2017 , 5, 4525-4536	3.5	92
198	Blockchain-Based Agri-Food Supply Chain: A Complete Solution. <i>IEEE Access</i> , 2020 , 8, 69230-69243	3.5	90
197	Data Sharing System Integrating Access Control Mechanism using Blockchain-Based Smart Contracts for IoT Devices. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 488	2.6	63
196	. <i>IEEE Transactions on Services Computing</i> , 2016 , 9, 806-817	4.8	61
195	AudioVisual Emotion-Aware Cloud Gaming Framework. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 2105-2118	6.4	58
194	PKE-AET: Public Key Encryption with Authorized Equality Test. <i>Computer Journal</i> , 2015 , 58, 2686-2697	1.3	58
193	Sybil Defense Techniques in Online Social Networks: A Survey. <i>IEEE Access</i> , 2017 , 5, 1200-1219	3.5	57
192	Intrusion Prevention Framework for Secure Routing in WSN-Based Mobile Internet of Things. <i>IEEE Access</i> , 2019 , 7, 185496-185505	3.5	56

191	Human Activity Recognition from Body Sensor Data using Deep Learning. <i>Journal of Medical Systems</i> , 2018 , 42, 99	5.1	55
190	An Energy Efficient and Secure IoT-Based WSN Framework: An Application to Smart Agriculture. <i>Sensors</i> , 2020 , 20,	3.8	55
189	5G Vehicular Network Resource Management for Improving Radio Access Through Machine Learning. <i>IEEE Access</i> , 2020 , 8, 6792-6800	3.5	54
188	Toward end-to-end biometrics-based security for IoT infrastructure. <i>IEEE Wireless Communications</i> , 2016 , 23, 44-51	13.4	53
187	Defending unknown attacks on cyber-physical systems by semi-supervised approach and available unlabeled data. <i>Information Sciences</i> , 2017 , 379, 211-228	7.7	53
186	Haptic Virtual Rehabilitation Exercises for Poststroke Diagnosis. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008 , 57, 1876-1884	5.2	53
185	A novel machine learning based feature selection for motor imagery EEG signal classification in Internet of medical things environment. <i>Future Generation Computer Systems</i> , 2019 , 98, 419-434	7.5	48
184	A Blockchain-Based Load Balancing in Decentralized Hybrid P2P Energy Trading Market in Smart Grid. <i>IEEE Access</i> , 2020 , 8, 47047-47062	3.5	48
183	A facial expression recognition system using robust face features from depth videos and deep learning. <i>Computers and Electrical Engineering</i> , 2017 , 63, 114-125	4.3	47
182	A Mobility-Aware Optimal Resource Allocation Architecture for Big Data Task Execution on Mobile Cloud in Smart Cities 2018 , 56, 110-117		46
181	Securing the operations in SCADA-IoT platform based industrial control system using ensemble of deep belief networks. <i>Applied Soft Computing Journal</i> , 2018 , 71, 66-77	7.5	46
180	A deep learning based medical image segmentation technique in Internet-of-Medical-Things domain. <i>Future Generation Computer Systems</i> , 2020 , 108, 135-144	7.5	44
179	A Decade of Internet of Things: Analysis in the Light of Healthcare Applications. <i>IEEE Access</i> , 2019 , 7, 89967-89979	3.5	43
178	An Intelligent Hybrid Heuristic Scheme for Smart Metering based Demand Side Management in Smart Homes. <i>Energies</i> , 2017 , 10, 1258	3.1	43
177	Secret Sharing-Based Energy-Aware and Multi-Hop Routing Protocol for IoT Based WSNs. <i>IEEE Access</i> , 2019 , 7, 79980-79988	3.5	39
176	RobustTrust DA Pro-Privacy Robust Distributed Trust Management Mechanism for Internet of Things. <i>IEEE Access</i> , 2019 , 7, 62095-62106	3.5	39
175	Increasing the Trustworthiness in the Industrial IoT Networks Through a Reliable Cyberattack Detection Model. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6154-6162	11.9	38
174	Towards Cost and Comfort Based Hybrid Optimization for Residential Load Scheduling in a Smart Grid. <i>Energies</i> , 2017 , 10, 1546	3.1	38

173	Towards Efficient Energy Management and Power Trading in a Residential Area via Integrating a Grid-Connected Microgrid. <i>Sustainability</i> , 2018 , 10, 1245	3.6	38
172	SASC: Secure and Authentication-Based Sensor Cloud Architecture for Intelligent Internet of Things. <i>Sensors</i> , 2020 , 20,	3.8	37
171	Application of reinforcement learning in UAV cluster task scheduling. <i>Future Generation Computer Systems</i> , 2019 , 95, 140-148	7.5	37
170	StabTrustA Stable and Centralized Trust-Based Clustering Mechanism for IoT Enabled Vehicular Ad-Hoc Networks. <i>IEEE Access</i> , 2020 , 8, 21159-21177	3.5	36
169	Efficient Computation Offloading Decision in Mobile Cloud Computing over 5G Network. <i>Mobile Networks and Applications</i> , 2016 , 21, 777-792	2.9	36
168	Efficient Power Scheduling in Smart Homes Using Hybrid Grey Wolf Differential Evolution Optimization Technique with Real Time and Critical Peak Pricing Schemes. <i>Energies</i> , 2018 , 11, 384	3.1	36
167	A buffer-aware HTTP live streaming approach for SDN-enabled 5G wireless networks. <i>IEEE Network</i> , 2015 , 29, 49-55	11.4	36
166	Spammer Detection and Fake User Identification on Social Networks. <i>IEEE Access</i> , 2019 , 7, 68140-68152	3.5	35
165	Workload aware VM consolidation method in edge/cloud computing for IoT applications. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 123, 204-214	4.4	35
164	IoMT-based computational approach for detecting brain tumor. <i>Future Generation Computer Systems</i> , 2020 , 109, 360-367	7.5	34
163	Evaluating the impact of a cloud-based serious game on obese people. <i>Computers in Human Behavior</i> , 2014 , 30, 468-475	7.7	34
162	Demand Side Management in Nearly Zero Energy Buildings Using Heuristic Optimizations. <i>Energies</i> , 2017 , 10, 1131	3.1	34
161	. <i>IEEE Access</i> , 2017 , 5, 15206-15221	3.5	33
160	Improving risk assessment model of cyber security using fuzzy logic inference system. <i>Computers and Security</i> , 2018 , 74, 323-339	4.9	32
159	An Energy-Efficient and Secure Routing Protocol for Intrusion Avoidance in IoT-Based WSN. <i>Energies</i> , 2019 , 12, 4174	3.1	30
158	An Innovative Heuristic Algorithm for IoT-Enabled Smart Homes for Developing Countries. <i>IEEE Access</i> , 2018 , 6, 15550-15575	3.5	29
157	Dynamic pricing in industrial internet of things: Blockchain application for energy management in smart cities. <i>Journal of Information Security and Applications</i> , 2020 , 55, 102615	3.5	28
156	A blockchain based incentive provisioning scheme for traffic event validation and information storage in VANETs. <i>Information Processing and Management</i> , 2021 , 58, 102464	6.3	28

155	A hybrid multi criteria decision method for cloud service selection from Smart data. <i>Future Generation Computer Systems</i> , 2019 , 93, 43-57	7.5	28
154	Energy-sustainable relay node deployment in wireless sensor networks. <i>Computer Networks</i> , 2016 , 104, 108-121	5.4	27
153	Quality of Service Aware Reliable Task Scheduling in Vehicular Cloud Computing. <i>Mobile Networks and Applications</i> , 2016 , 21, 482-493	2.9	27
152	A Domestic Microgrid with Optimized Home Energy Management System. <i>Energies</i> , 2018 , 11, 1002	3.1	27
151	AR-based serious game framework for post-stroke rehabilitation. <i>Multimedia Systems</i> , 2016 , 22, 659-674	2.2	25
150	Identifying cyber threats to mobile-IoT applications in edge computing paradigm. <i>Future Generation Computer Systems</i> , 2018 , 89, 525-538	7.5	25
149	Optimal Selection of Crowdsourcing Workers Balancing Their Utilities and Platform Profit. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8602-8614	10.7	25
148	PUC: Packet Update Caching for energy efficient IoT-based Information-Centric Networking. <i>Future Generation Computer Systems</i> , 2020 , 111, 634-643	7.5	25
147	Ant-based service selection framework for a smart home monitoring environment. <i>Multimedia Tools and Applications</i> , 2013 , 67, 433-453	2.5	24
146	Enhanced Living by Assessing Voice Pathology Using a Co-Occurrence Matrix. <i>Sensors</i> , 2017 , 17,	3.8	22
145	Intrusion detection in Edge-of-Things computing. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 137, 259-265	4.4	22
144	Blockchain Based Data and Energy Trading in Internet of Electric Vehicles. <i>IEEE Access</i> , 2021 , 9, 7000-7020	3.5	22
143	Multistage fusion approaches based on a generative model and multivariate exponentially weighted moving average for diagnosis of cardiovascular autonomic nerve dysfunction. <i>Information Fusion</i> , 2018 , 41, 105-118	16.7	21
142	A two-stage approach for task and resource management in multimedia cloud environment. <i>Computing (Vienna/New York)</i> , 2016 , 98, 119-145	2.2	20
141	IoMT-Based Automated Detection and Classification of Leukemia Using Deep Learning. <i>Journal of Healthcare Engineering</i> , 2020 , 2020, 6648574	3.7	20
140	Named Data Networking for Efficient IoT-based Disaster Management in a Smart Campus. <i>Sustainability</i> , 2020 , 12, 3088	3.6	20
139	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	20
138	FTM-IoMT: Fuzzy-Based Trust Management for Preventing Sybil Attacks in Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4485-4497	10.7	20

137	Quality of service aware cloud resource provisioning for social multimedia services and applications. <i>Multimedia Tools and Applications</i> , 2017 , 76, 14485-14509	2.5	19
136	Proactive Forensics in IoT: Privacy-Aware Log-Preservation Architecture in Fog-Enabled-Cloud Using Holochain and Containerization Technologies. <i>Electronics (Switzerland)</i> , 2020 , 9, 1172	2.6	19
135	AI-enabled emotion-aware robot: The fusion of smart clothing, edge clouds and robotics. <i>Future Generation Computer Systems</i> , 2020 , 102, 701-709	7.5	19
134	BloTHR: Electronic Health Record Servicing Scheme in IoT-Blockchain Ecosystem. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10857-10872	10.7	18
133	Moving target tracking through distributed clustering in directional sensor networks. <i>Sensors</i> , 2014 , 14, 24381-407	3.8	17
132	RTS: A Robust and Trusted Scheme for IoT-Based Mobile Wireless Mesh Networks. <i>IEEE Access</i> , 2020 , 8, 68379-68390	3.5	16
131	Systematic Literature Review on IoT-Based Botnet Attack. <i>IEEE Access</i> , 2020 , 8, 212220-212232	3.5	16
130	Scalable regular pattern mining in evolving body sensor data. <i>Future Generation Computer Systems</i> , 2017 , 75, 172-186	7.5	15
129	Secure distributed adaptive bin packing algorithm for cloud storage. <i>Future Generation Computer Systems</i> , 2019 , 90, 307-316	7.5	15
128	A framework for a context-aware elderly entertainment support system. <i>Sensors</i> , 2014 , 14, 10538-61	3.8	15
127	Energy-Aware Resource and Revenue Management in Federated Cloud: A Game-Theoretic Approach. <i>IEEE Systems Journal</i> , 2017 , 11, 951-961	4.3	14
126	Design of QoS-Aware Multi-Level MAC-Layer for Wireless Body Area Network. <i>Journal of Medical Systems</i> , 2015 , 39, 192	5.1	14
125	NSSC: Novel Segment Based Safety Message Broadcasting in Cluster-Based Vehicular Sensor Network. <i>IEEE Access</i> , 2020 , 8, 34299-34312	3.5	14
124	Collaborative neighbor discovery in directional wireless sensor networks: algorithm and analysis. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017,	3.2	14
123	Cooperative Opportunistic Pressure Based Routing for Underwater Wireless Sensor Networks. <i>Sensors</i> , 2017 , 17,	3.8	14
122	A Priori Multiobjective Self-Adaptive Multi-Population Based Jaya Algorithm to Optimize DERs Operations and Electrical Tasks. <i>IEEE Access</i> , 2020 , 8, 181163-181175	3.5	14
121	Probability-Based Centralized Device for Spectrum Handoff in Cognitive Radio Networks. <i>IEEE Access</i> , 2019 , 7, 26731-26739	3.5	14
120	SE-Enc: A Secure and Efficient Encoding Scheme Using Elliptic Curve Cryptography. <i>IEEE Access</i> , 2019 , 7, 175865-175878	3.5	14

119	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6134-6143	11.9	14
118	AgriTrust-A Trust Management Approach for Smart Agriculture in Cloud-based Internet of Agriculture Things. <i>Sensors</i> , 2020 , 20,	3.8	13
117	A Localization Based Cooperative Routing Protocol for Underwater Wireless Sensor Networks. <i>Mobile Information Systems</i> , 2017 , 2017, 1-16	1.4	13
116	Taxonomy of Factors Causing Integration Failure during Global Software Development. <i>IEEE Access</i> , 2018 , 6, 22228-22239	3.5	13
115	SLIDE: A Straight Line Conflict Detection and Alerting Algorithm for Multiple Unmanned Aerial Vehicles. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 1190-1203	4.6	13
114	An automated and intelligent Parkinson disease monitoring system using wearable computing and cloud technology. <i>Cluster Computing</i> , 2019 , 22, 2309-2316	2.1	13
113	A Secure and Efficient ECC-Based Scheme for Edge Computing and Internet of Things. <i>Sensors</i> , 2020 , 20,	3.8	12
112	Leveraging Blockchain Technology for Secure Energy Trading and Least-Cost Evaluation of Decentralized Contributions to Electrification in Sub-Saharan Africa. <i>Entropy</i> , 2020 , 22,	2.8	12
111	Leveraging utilization as performance metric for CDN enabled energy efficient internet of things. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 147, 106814	4.6	12
110	An Attention Guided Semi-Supervised Learning Mechanism to Detect Electricity Frauds in the Distribution Systems. <i>IEEE Access</i> , 2020 , 8, 221767-221782	3.5	12
109	Using augmented reality and deep learning to enhance Taxila Museum experience. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 321-332	1.9	12
108	Cost Efficient Edge Intelligence Framework Using Docker Containers 2018 ,		12
107	Efficient Virtual Machine Resource Management for Media Cloud Computing. <i>KSII Transactions on Internet and Information Systems</i> , 2014 , 8, 1567-1587	1.7	11
106	Securing Genetic Algorithm Enabled SDN Routing for Blockchain Based Internet of Things. <i>IEEE Access</i> , 2021 , 9, 139739-139754	3.5	11
105	A framework for topological based map building: A solution to autonomous robot navigation in smart cities. <i>Future Generation Computer Systems</i> , 2020 , 111, 644-653	7.5	11
104	Intelligent and secure edge-enabled computing model for sustainable cities using green internet of things. <i>Sustainable Cities and Society</i> , 2021 , 68, 102779	10.1	11
103	A lightweight and cost effective edge intelligence architecture based on containerization technology. <i>World Wide Web</i> , 2020 , 23, 1341-1360	2.9	11
102	Performance Analysis of Personal Cloud Storage Services for Mobile Multimedia Health Record Management. <i>IEEE Access</i> , 2018 , 6, 52625-52638	3.5	11

101	Improved Resource Allocation in 5G MTC Networks. <i>IEEE Access</i> , 2020 , 8, 49187-49197	3.5	10
100	Energy Management With a World-Wide Adaptive Thermostat Using Fuzzy Inference System. <i>IEEE Access</i> , 2018 , 6, 33489-33502	3.5	10
99	Transferring activity recognition models in FOG computing architecture. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 122, 122-130	4.4	10
98	Hamon: An activity recognition framework for health monitoring support at home 2011 ,		10
97	IoMT-Based Association Rule Mining for the Prediction of Human Protein Complexes. <i>IEEE Access</i> , 2020 , 8, 6226-6237	3.5	10
96	An efficient key agreement protocol for Sybil-precaution in online social networks. <i>Future Generation Computer Systems</i> , 2018 , 84, 139-148	7.5	10
95	A new model for classifying social media users according to their behaviors 2015 ,		9
94	Performance Evaluation of Data Dissemination Protocols for Connected Autonomous Vehicles. <i>IEEE Access</i> , 2020 , 8, 126896-126906	3.5	9
93	Cloud-supported framework for patients in post-stroke disability rehabilitation. <i>Telematics and Informatics</i> , 2018 , 35, 826-836	8.1	9
92	Tradeoff Between Sensing Quality and Network Lifetime for Heterogeneous Target Coverage Using Directional Sensor Nodes. <i>IEEE Access</i> , 2017 , 5, 15490-15504	3.5	9
91	NeuroTrust: Artificial-Neural-Network-Based Intelligent Trust Management Mechanism for Large-Scale Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	9
90	DDR-ESC: A Distributed and Data Reliability Model for Mobile Edge-Based Sensor-Cloud. <i>IEEE Access</i> , 2020 , 8, 185752-185760	3.5	9
89	Dynamic traffic engineering for high-throughput data forwarding in wireless mesh networks. <i>Computers and Electrical Engineering</i> , 2016 , 56, 130-144	4.3	9
88	An efficient networking protocol for internet of things to handle multimedia big data. <i>Multimedia Tools and Applications</i> , 2019 , 78, 30039-30056	2.5	9
87	A Resilient Smart Body Sensor Network Through Pyramid Interconnection. <i>IEEE Access</i> , 2019 , 7, 51039-51046	3.5	8
86	Design of an energy-efficient and reliable data delivery mechanism for mobile ad hoc networks: a cross-layer approach. <i>Concurrency Computation Practice and Experience</i> , 2015 , 27, 2637-2655	1.4	8
85	QoS-adaptive service configuration framework for cloud-assisted video surveillance systems. <i>Multimedia Tools and Applications</i> , 2016 , 75, 13333-13348	2.5	8
84	Health monitoring of obese people through a cloud-based serious game framework 2013 ,		8

83	Cooperative Position Aware Mobility Pattern of AUVs for Avoiding Void Zones in Underwater WSNs. <i>Sensors</i> , 2017 , 17,	3.8	8
82	EGCIR: Energy-Aware Graph Clustering and Intelligent Routing Using Supervised System in Wireless Sensor Networks. <i>Energies</i> , 2020 , 13, 4072	3.1	8
81	LightTrust: Lightweight Trust Management for Edge Devices in Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
80	An Efficient Cooperative Medium Access Control Protocol for Wireless IoT networks in Smart World System. <i>Journal of Network and Computer Applications</i> , 2019 , 133, 26-38	7.9	7
79	Energy Harvested and Cooperative Enabled Efficient Routing Protocol (EHCRP) for IoT-WBAN. <i>Sensors</i> , 2020 , 20,	3.8	7
78	Doodle-Based Authentication Technique Using Augmented Reality. <i>IEEE Access</i> , 2020 , 8, 4022-4034	3.5	7
77	Interference-aware high-throughput channel allocation mechanism for CR-VANETs. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3.2	7
76	Remote display solution for video surveillance in multimedia cloud. <i>Multimedia Tools and Applications</i> , 2016 , 75, 13375-13396	2.5	7
75	A distributed clustering algorithm for target coverage in Directional Sensor Networks 2014 ,		7
74	A decision model of stroke patient rehabilitation with augmented reality-based games 2010 ,		7
73	Blockchained service provisioning and malicious node detection via federated learning in scalable Internet of Sensor Things networks. <i>Computer Networks</i> , 2022 , 204, 108691	5.4	7
72	Smart and Agile Manufacturing Framework, A Case Study for Automotive Industry. <i>Energies</i> , 2020 , 13, 5766	3.1	7
71	Reliable and Energy Efficient Protocol for MANET Multicasting. <i>Journal of Computer Networks and Communications</i> , 2016 , 2016, 1-13	2.5	7
70	ALPHA: An Anonymous Orthogonal Code-Based Privacy Preserving Scheme for Industrial CyberPhysical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7716-7724	11.9	7
69	A key distribution scheme for secure communication in acoustic sensor networks. <i>Future Generation Computer Systems</i> , 2018 , 86, 1209-1217	7.5	7
68	Simple and Effective Secure Group Communications in Dynamic Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	6
67	A novel prevention mechanism for Sybil attack in online social network 2015 ,		6
66	Investigating Tree Family Machine Learning Techniques for a Predictive System to Unveil Software Defects. <i>Complexity</i> , 2020 , 2020, 1-21	1.6	6

65	Developing a Powerful and Resilient Smart Body Sensor Network through Hypercube Interconnection. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 2015, 1-8	1.7	6
64	Secure Transmission Lines Monitoring and Efficient Electricity Management in Ultra-Reliable Low Latency Industrial Internet of Things. <i>Computer Standards and Interfaces</i> , 2021 , 77, 103500	3.5	6
63	A Robust Hybrid Deep Learning Model for Detection of Non-Technical Losses to Secure Smart Grids. <i>IEEE Access</i> , 2021 , 9, 128663-128678	3.5	6
62	Traffic engineering in cognitive mesh networks: Joint link-channel selection and power allocation. <i>Computer Communications</i> , 2018 , 116, 212-224	5.1	6
61	Forensic Analysis on Internet of Things (IoT) Device Using Machine-to-Machine (M2M) Framework. <i>Electronics (Switzerland)</i> , 2022 , 11, 1126	2.6	6
60	Security Challenges and Strategies for the IoT in Cloud Computing 2020 ,		5
59	Link failure and congestion-aware reliable data delivery mechanism for mobile ad hoc networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2013 , 68, 539-551	2	5
58	Blockchain based Secure Energy Trading with Mutual Verifiable Fairness in a Smart Community. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	5
57	Energy Efficient UAV Flight Path Model for Cluster Head Selection in Next-Generation Wireless Sensor Networks.. <i>Sensors</i> , 2021 , 21,	3.8	5
56	Implementation of ANN-Based Embedded Hybrid Power Filter Using HIL-Topology with Real-Time Data Visualization through Node-RED. <i>Energies</i> , 2021 , 14, 7127	3.1	5
55	A Lightweight and Secured Certificate-Based Proxy Signcryption (CB-PS) Scheme for E-Prescription Systems. <i>IEEE Access</i> , 2020 , 8, 199197-199212	3.5	5
54	Machine Learning-based Mist Computing Enabled Internet of Battlefield Things. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-26	3.8	5
53	A secure energy trading system for electric vehicles in smart communities using blockchain. <i>Sustainable Cities and Society</i> , 2022 , 79, 103678	10.1	4
52	Exploiting pretrained CNN models for the development of an EEG-based robust BCI framework.. <i>Computers in Biology and Medicine</i> , 2022 , 143, 105242	7	4
51	A Novel Study on Natural Robotic Rehabilitation Exergames Using the Unaffected Arm of Stroke Patients. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 590584	1.7	4
50	A Two-Stage Privacy Preservation and Secure Peer-to-Peer Energy Trading Model Using Blockchain and Cloud-Based Aggregator. <i>IEEE Access</i> , 2021 , 9, 143121-143137	3.5	4
49	Data on performance prediction for cloud service selection. <i>Data in Brief</i> , 2018 , 20, 1039-1043	1.2	4
48	Automated Detection of Alzheimer's via Hybrid Classical Quantum Neural Networks. <i>Electronics (Switzerland)</i> , 2022 , 11, 721	2.6	4

47	Cloud-oriented emotion feedback-based Exergames framework. <i>Multimedia Tools and Applications</i> , 2018 , 77, 21861-21877	2.5	3
46	SecNRCC: a loss-tolerant secure network reprogramming with confidentiality consideration for wireless sensor networks. <i>Concurrency Computation Practice and Experience</i> , 2015 , 27, 2668-2680	1.4	3
45	Screening for hen's egg and chicken meat specific IgE antibodies in Saudi patients with allergic disorders. <i>African Health Sciences</i> , 2014 , 14, 634-40	1.1	3
44	Measuring hand-arm steadiness for post-stroke and Parkinson's Disease patients using SIERRA framework 2010 ,		3
43	vTrust: An IoT-Enabled Trust-Based Secure Wireless Energy Sharing Mechanism for Vehicular Ad Hoc Networks. <i>Sensors</i> , 2021 , 21,	3.8	3
42	A Cost-Effective Optimization for Scheduling of Household Appliances and Energy Resources. <i>IEEE Access</i> , 2021 , 9, 160145-160162	3.5	3
41	ELS-Net: A New Approach to Forecast Decomposed Intrinsic Mode Functions of Electricity Load. <i>IEEE Access</i> , 2020 , 8, 198935-198949	3.5	3
40	Left-Right-Front Caching Strategy for Vehicular Networks in ICN-Based Internet of Things. <i>IEEE Access</i> , 2021 , 9, 595-605	3.5	3
39	An efficient approach of improving privacy and security in online social networks. <i>Concurrency Computation Practice and Experience</i> , 2018 , 30, e4272	1.4	3
38	Spatiotemporal D2D Small Cell Allocation and On-Demand Deployment for Microgrids. <i>IEEE Access</i> , 2021 , 9, 116830-116844	3.5	3
37	Machine Learning-Based Detection of Spam Emails. <i>Scientific Programming</i> , 2021 , 2021, 1-11	1.4	3
36	Inferring Ties in Social IoT Using Location-Based Networks and Identification of Hidden Suspicious Ties. <i>Scientific Programming</i> , 2020 , 2020, 1-16	1.4	2
35	QoS-Aware Service Selection for Multimedia Transcoding 2008 ,		2
34	Extending Blender: Development of a Haptic Authoring Tool 2007 ,		2
33	Trustful data trading through monetizing IoT data using BlockChain based review system. <i>Concurrency Computation Practice and Experience</i> , e6739	1.4	2
32	A Bio-Inspired Heuristic Algorithm for Solving Optimal Power Flow Problem in Hybrid Power System. <i>IEEE Access</i> , 2021 , 9, 159809-159826	3.5	2
31	Improving the performance of opportunistic routing using min-max range and optimum energy level for relay node selection in wireless sensor networks. <i>PeerJ Computer Science</i> , 2020 , 6, e326	2.7	2
30	Towards Energy-Efficient Mobile Ad Optimization: An App Developer Perspective. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6889	2.6	2

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