

N Z Jhanjhi

List of Publications by Year in Descending Order

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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.

229
papers

1,682
citations

22
h-index

30
g-index

297
ext. papers

3,475
ext. citations

1.8
avg. IF

6.15
L-index

#	Paper	IF	Citations
229	Localized Text-Free User Interfaces. <i>IEEE Access</i> , 2022 , 10, 2357-2371	3.5	
228	A new spatial spherical pattern model into interactive cartography pattern: multi-dimensional data via geostrategic cluster.. <i>Multimedia Tools and Applications</i> , 2022 , 1-50	2.5	1
227	Envisaging Employee Churn Using MCDM and Machine Learning. <i>Intelligent Automation and Soft Computing</i> , 2022 , 33, 1009-1024	2.6	3
226	Detection of COVID-19 Based on Chest X-rays Using Deep Learning.. <i>Healthcare (Switzerland)</i> , 2022 , 10,	3.4	3
225	Autonomous Traffic System for Emergency Vehicles. <i>Electronics (Switzerland)</i> , 2022 , 11, 510	2.6	1
224	Plant Disease Diagnosis and Image Classification Using Deep Learning. <i>Computers, Materials and Continua</i> , 2022 , 71, 2125-2140	3.9	3
223	PCA-Based Advanced Local Octa-Directional Pattern (ALODP-PCA): A Texture Feature Descriptor for Image Retrieval. <i>Electronics (Switzerland)</i> , 2022 , 11, 202	2.6	0
222	Prediction of Suitable Candidates for COVID-19 Vaccination. <i>Intelligent Automation and Soft Computing</i> , 2022 , 32, 525-541	2.6	2
221	An enhanced Predictive heterogeneous ensemble model for breast cancer prediction. <i>Biomedical Signal Processing and Control</i> , 2022 , 72, 103279	4.9	4
220	Analytical Approach for Security of Sensitive Business Cloud. <i>Studies in Big Data</i> , 2022 , 257-266	0.9	0
219	Cost Optimization of Software Quality Assurance. <i>Studies in Big Data</i> , 2022 , 241-255	0.9	
218	Multi-Scale Network for Thoracic Organs Segmentation. <i>Computers, Materials and Continua</i> , 2022 , 70, 3251-3265	3.9	3
217	A Secure Communication Protocol for Unmanned Aerial Vehicles. <i>Computers, Materials and Continua</i> , 2022 , 70, 601-618	3.9	2
216	IoT Wireless Intrusion Detection and Network Traffic Analysis. <i>Computer Systems Science and Engineering</i> , 2022 , 40, 865-879	3.9	3
215	Security and Privacy Aspects of Cloud Computing: A Smart Campus Case Study. <i>Intelligent Automation and Soft Computing</i> , 2022 , 31, 117-128	2.6	5
214	Tracking Dengue on Twitter Using Hybrid Filtration-Polarity and Apache Flume. <i>Computer Systems Science and Engineering</i> , 2022 , 40, 913-926	3.9	2
213	Machine Intelligence as a Foundation of Self-Driving Automotive (SDA) Systems. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2022 , 154-173	0.3	0

212	A Systematic Mapping Study of Low-Grade Tumor of Brain Cancer and CSF Fluid Detecting Approaches and Parameters. <i>Advances in Healthcare Information Systems and Administration Book Series, 2022, 236-259</i>	0.3	0
211	Optimized Breast Cancer Premature Detection Method With Computational Segmentation. <i>Advances in Healthcare Information Systems and Administration Book Series, 2022, 24-51</i>	0.3	1
210	Machine Intelligence in Customer Relationship Management in Small and Large Companies. <i>Advances in Logistics, Operations, and Management Science Book Series, 2022, 132-153</i>	0.3	
209	A Systematic Mapping Study of Low-Grade Tumor of Brain Cancer and CSF Fluid Detecting in MRI Images Through Multi-Algorithm Techniques. <i>Advances in Healthcare Information Systems and Administration Book Series, 2022, 168-201</i>	0.3	0
208	Machine Learning-Based Wearable Devices for Smart Healthcare Application With Risk Factor Monitoring. <i>Advances in Logistics, Operations, and Management Science Book Series, 2022, 174-185</i>	0.3	1
207	Predicting the Early Stage of Diabetes and Finding the Association of the Symptoms. <i>Advances in Logistics, Operations, and Management Science Book Series, 2022, 186-211</i>	0.3	
206	Optimized Hybrid Prediction Method for Lung Metastases. <i>Advances in Healthcare Information Systems and Administration Book Series, 2022, 202-221</i>	0.3	0
205	Real-Time Security Health and Privacy Monitoring for Saudi Highways Using Cutting-Edge Technologies. <i>Applied Sciences (Switzerland), 2022, 12, 2177</i>	2.6	1
204	A Data Aggregation Approach Exploiting Spatial and Temporal Correlation among Sensor Data in Wireless Sensor Networks. <i>Electronics (Switzerland), 2022, 11, 989</i>	2.6	2
203	Evolving CNN with Paddy Field Algorithm for Geographical Landmark Recognition. <i>Electronics (Switzerland), 2022, 11, 1075</i>	2.6	2
202	COME-UP: Computation Offloading in Mobile Edge Computing with LSTM Based User Direction Prediction. <i>Applied Sciences (Switzerland), 2022, 12, 3312</i>	2.6	5
201	Securing Drug Distribution Systems from Tampering Using Blockchain. <i>Electronics (Switzerland), 2022, 11, 1195</i>	2.6	1
200	Software-as-a-Service Security Challenges and Best Practices: A Multivocal Literature Review. <i>Applied Sciences (Switzerland), 2022, 12, 3953</i>	2.6	1
199	The Impact of Cyber Attacks on E-Governance During the COVID-19 Pandemic. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2022, 123-140</i>	0.3	0
198	Health Care Digital Revolution During COVID-19 2022, 17-30		2
197	Impact of COVID-19 on Higher and Post-secondary Education Systems 2022, 71-83		2
196	Treatment of Novel Coronavirus (2019-nCoV) Using Hinokitiol (Ehujaplicin) Copper Chelate 2022, 147-164		
195	Visualization of Audio Files Using Librosa. <i>Advances in Intelligent Systems and Computing, 2022, 409-418</i>	0.4	

194	A Smart Personal Assistant for Visually Challenged. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 505-515	0.4	
193	Internet of Things Platform for Smart Farming 2021 , 337-369		0
192	Multimatcher Model to Enhance Ontology Matching Using Background Knowledge. <i>Information (Switzerland)</i> , 2021 , 12, 487	2.6	0
191	5G and IoT Based Reporting and Accident Detection (RAD) System to Deliver First Aid Box Using Unmanned Aerial Vehicle. <i>Sensors</i> , 2021 , 21,	3.8	3
190	Effect of frost on plants, leaves, and forecast of frost events using convolutional neural networks. <i>International Journal of Distributed Sensor Networks</i> , 2021 , 17, 155014772110537	1.7	3
189	Load balancing techniques in cloud computing environment: A review. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2021 ,	2.5	10
188	Machine Learning Approaches for Load Balancing in Cloud Computing Services 2021 ,		1
187	A Machine Learning Way to Classify Autism Spectrum Disorder. <i>International Journal of Emerging Technologies in Learning</i> , 2021 , 16, 182	1.4	4
186	A Light-weight Watermarking-Based Framework on Dataset Using Deep Learning Algorithms 2021 ,		2
185	A survey on security threats and countermeasures in IoT to achieve users confidentiality and reliability. <i>Materials Today: Proceedings</i> , 2021 ,	1.4	3
184	Medical image-based detection of COVID-19 using Deep Convolution Neural Networks. <i>Multimedia Systems</i> , 2021 , 1-10	2.2	32
183	An efficient post-processing adaptive filtering technique to rectifying the flickering effects. <i>PLoS ONE</i> , 2021 , 16, e0250959	3.7	4
182	A Hybrid CNN-SVM Threshold Segmentation Approach for Tumor Detection and Classification of MRI Brain Images. <i>Irbm</i> , 2021 ,	4.8	11
181	Utilization of ICT and AI techniques in harnessing residential energy consumption for an energy-aware smart city: A review. <i>International Journal of Advanced and Applied Sciences</i> , 2021 , 8, 50-66 ^{1.2}		3
180	Internet of things and ransomware: Evolution, mitigation and prevention. <i>Egyptian Informatics Journal</i> , 2021 , 22, 105-117	3.1	28
179	Using a systematic framework to critically analyze proposed smart card based two factor authentication schemes. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2021 , 33, 417-425	2.5	5
178	Performance Enhancement in Wireless Body Area Networks with Secure Communication. <i>Wireless Personal Communications</i> , 2021 , 116, 1-22	1.9	20
177	An attention-based deep learning model for traffic flow prediction using spatiotemporal features towards sustainable smart city. <i>International Journal of Communication Systems</i> , 2021 , 34, e4609	1.7	23

176	Performance of deep learning vs machine learning in plant leaf disease detection. <i>Microprocessors and Microsystems</i> , 2021 , 80, 103615	2.4	51
175	Energy efficient optimal parent selection based routing protocol for Internet of Things using firefly optimization algorithm. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4171	1.9	7
174	A Comprehensive Review on Secure Routing in Internet of Things: Mitigation Methods and Trust-Based Approaches. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4186-4210	10.7	15
173	Cyber Security and Privacy Issues in Industrial Internet of Things. <i>Computer Systems Science and Engineering</i> , 2021 , 37, 361-380	3.9	5
172	Imperative Dynamic Routing Between Capsules Network for Malaria Classification. <i>Computers, Materials and Continua</i> , 2021 , 68, 903-919	3.9	9
171	A Resource Management Algorithm for Virtual Machine Migration in Vehicular Cloud Computing. <i>Computers, Materials and Continua</i> , 2021 , 67, 2647-2663	3.9	7
170	A Case Study of Investigation of Crime Management System Using ICT. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 243-263	0.2	0
169	Qualitative Analysis for Visual Attention of Students by Using the Technology of ICT. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 1-26	0.2	
168	Classification of botnet attacks in IoT smart factory using honeypot combined with machine learning. <i>PeerJ Computer Science</i> , 2021 , 7, e350	2.7	17
167	An Enhanced Cos-Neuro Bio-Inspired Approach for Document Clustering. <i>Lecture Notes in Networks and Systems</i> , 2021 , 511-523	0.5	0
166	Proposing an Algorithm for UAVs Interoperability: MAVLink to STANAG 4586 for Securing Communication. <i>Lecture Notes in Networks and Systems</i> , 2021 , 413-423	0.5	0
165	Energy-Efficient Model for Recovery from Multiple Cluster Nodes Failure Using Moth Flame Optimization in Wireless Sensor Networks. <i>Lecture Notes in Networks and Systems</i> , 2021 , 491-499	0.5	1
164	. <i>IEEE Access</i> , 2021 , 9, 80340-80350	3.5	2
163	Exploring Students Engagement Towards the Learning Management System (LMS) Using Learning Analytics. <i>Computer Systems Science and Engineering</i> , 2021 , 37, 73-87	3.9	4
162	A Load Balancing Algorithm for the Data Centres to Optimize Cloud Computing Applications. <i>IEEE Access</i> , 2021 , 9, 41731-41744	3.5	11
161	Load Balancing Algorithm for Migrating Switches in Software-defined Vehicular Networks. <i>Computers, Materials and Continua</i> , 2021 , 67, 1301-1316	3.9	11
160	A Comparative Review on Non-chaotic and Chaotic Image Encryption Techniques. <i>Lecture Notes in Networks and Systems</i> , 2021 , 465-471	0.5	0
159	Self-Healing and Green Energy in Wireless Sensor Network. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2021 , 294-318	0.4	1

158	Women Empowerment Employing ICT In Pakistan. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 316-335	0.2	0
157	Intelligent Framework Using IoT-Based WSNs for Wildfire Detection. <i>IEEE Access</i> , 2021 , 9, 48185-48196	3.5	8
156	Cybersecurity for Data Science: Issues, Opportunities, and Challenges. <i>Lecture Notes in Networks and Systems</i> , 2021 , 435-444	0.5	1
155	Implementation of Decision Tree Algorithm to Classify Knowledge Quality in a Knowledge Intensive System. <i>MATEC Web of Conferences</i> , 2021 , 335, 04002	0.3	1
154	The Use of Emerging Technologies DIoT: Elderly Daily Living in Post-Epidemic Era. <i>MATEC Web of Conferences</i> , 2021 , 335, 04004	0.3	
153	Role of Fuzzy Approach towards Fault Detection for Distributed Components. <i>Computers, Materials and Continua</i> , 2021 , 67, 1979-1996	3.9	1
152	Secure Healthcare Data Aggregation and Transmission in IoT: A Survey. <i>IEEE Access</i> , 2021 , 9, 16849-16865	3.5	28
151	FoG-Oriented Secure and Lightweight Data Aggregation in IoMT. <i>IEEE Access</i> , 2021 , 9, 111072-111082	3.5	0
150	Green IoT (G-IoT) Ecosystem for Smart Cities. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2021 , 1-37	0.4	
149	Quantitative Analysis of COVID-19 Patients. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 218-242	0.2	5
148	Bone Age Measurement-Based on Dental Radiography, Employing a New Model. <i>Lecture Notes in Networks and Systems</i> , 2021 , 51-61	0.5	
147	FANET: Efficient Routing in Flying Ad Hoc Networks (FANETs) Using Firefly Algorithm. <i>Lecture Notes in Networks and Systems</i> , 2021 , 483-490	0.5	1
146	Smart Home Automation Using Intelligent Electricity Dispatch. <i>IEEE Access</i> , 2021 , 9, 118077-118086	3.5	1
145	A Review on Chaotic Scheme-Based Image Encryption Techniques. <i>Lecture Notes in Networks and Systems</i> , 2021 , 473-481	0.5	0
144	Remote Health Monitoring Using IoT-Based Smart Wireless Body Area Network. <i>Computers, Materials and Continua</i> , 2021 , 68, 2499-2513	3.9	3
143	Proposing Encryption Selection Model for IoT Devices Based on IoT Device Design 2021 ,		3
142	Hybrid smart grid with sustainable energy efficient resources for smart cities. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 46, 101211	4.7	11
141	Proposing a Load Balancing Algorithm For Cloud Computing Applications. <i>Journal of Physics: Conference Series</i> , 2021 , 1979, 012034	0.3	0

140	Security and Privacy Issues in Cloud Computing. <i>Journal of Physics: Conference Series</i> , 2021 , 1979, 012038.	0.3	0
139	A Comprehensive Survey on Load and Resources Management Techniques in the Homogeneous and Heterogeneous Cloud Environment. <i>Journal of Physics: Conference Series</i> , 2021 , 1979, 012036	0.3	2
138	Securing VANET Using Blockchain Technology. <i>Journal of Physics: Conference Series</i> , 2021 , 1979, 012035	0.3	4
137	5G Network Security Issues, Challenges, Opportunities and Future Directions: A Survey. <i>Journal of Physics: Conference Series</i> , 2021 , 1979, 012037	0.3	0
136	Blockchain based peer to peer communication in autonomous drone operation. <i>Energy Reports</i> , 2021 , 7, 7925-7925	4.6	7
135	A Novel Patient-Centric Architectural Framework for Blockchain-Enabled Healthcare Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5779-5789	11.9	33
134	Capitalizing on big data and revolutionary 5G technology: Extracting and visualizing ratings and reviews of global chain hotels. <i>Computers and Electrical Engineering</i> , 2021 , 95, 107374	4.3	10
133	COVID-19 Impact on Educational System Globally. <i>Studies in Systems, Decision and Control</i> , 2021 , 257-269.	0.8	4
132	Performance Comparison of Deep CNN Models for Detecting Driver's Distraction. <i>Computers, Materials and Continua</i> , 2021 , 68, 4109-4124	3.9	16
131	Energy Optimised Security against Wormhole Attack in IoT-Based Wireless Sensor Networks. <i>Computers, Materials and Continua</i> , 2021 , 68, 1967-1981	3.9	3
130	The Impact of the ICT in the Analysis of Visual Attention Using Facial Expressions of the Students. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 185-199	0.2	0
129	Analyzing DistilBERT for Sentiment Classification of Banking Financial News. <i>Lecture Notes in Networks and Systems</i> , 2021 , 501-510	0.5	0
128	Robust Cluster-Based Routing Protocol for IoT-Assisted Smart Devices in WSN. <i>Computers, Materials and Continua</i> , 2021 , 67, 3505-3521	3.9	7
127	Secure Critical Data Reclamation Scheme for Isolated Clusters in IoT enabled WSN. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
126	A Case Study of Career Counseling for ICT. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 162-184	0.2	0
125	The Influence of Communal Networks on the Growth of Free Enterprise. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 277-294	0.2	0
124	Telemedicine for Healthier Community Development in Pakistan. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 295-315	0.2	1
123	Globally Renewable Energy Consumption Sources. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2021 , 319-355	0.4	

122	Women Empowerment. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 264-276	0.2	0
121	Honeypot Coupled Machine Learning Model for Botnet Detection and Classification in IoT Smart Factory An Investigation. <i>MATEC Web of Conferences</i> , 2021 , 335, 04003	0.3	2
120	A Vicenary Analysis of SARS-CoV-2 Genomes. <i>Computers, Materials and Continua</i> , 2021 , 69, 3477-3493	3.9	3
119	TBDDoS-SA-MD: Trust-Based DDoS Misbehave Detection Approach in Software-defined Vehicular Network (SDVN). <i>Computers, Materials and Continua</i> , 2021 , 69, 3513-3529	3.9	2
118	A Survey on Continuous Object Tracking and Boundary Detection Schemes in IoT Assisted Wireless Sensor Networks. <i>IEEE Access</i> , 2021 , 9, 126324-126336	3.5	3
117	Expert System for Stable Power Generation Prediction in Microbial Fuel Cell. <i>Intelligent Automation and Soft Computing</i> , 2021 , 29, 17-30	2.6	4
116	Understanding of Data Preprocessing for Dimensionality Reduction Using Feature Selection Techniques in Text Classification. <i>Lecture Notes in Networks and Systems</i> , 2021 , 455-464	0.5	0
115	Multi-class Segmentation of Organ at Risk from Abdominal CT Images: A Deep Learning Approach. <i>Lecture Notes in Networks and Systems</i> , 2021 , 425-434	0.5	2
114	A spatial feature engineering algorithm for creating air pollution health datasets. <i>International Journal of Cognitive Computing in Engineering</i> , 2020 , 1, 98-107	1.1	3
113	Detection and Mitigation of RPL Rank and Version Number Attacks in the Internet of Things: SRPL-RP. <i>Sensors</i> , 2020 , 20,	3.8	13
112	An Adaptive and Flexible Brain Energized Full Body Exoskeleton With IoT Edge for Assisting the Paralyzed Patients. <i>IEEE Access</i> , 2020 , 8, 100721-100731	3.5	10
111	. <i>IEEE Access</i> , 2020 , 8, 113790-113806	3.5	13
110	Emerging use of UAVs: secure communication protocol issues and challenges 2020 , 37-55		25
109	A virtual execution platform for OpenFlow controller using NFV. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2020 , 34, 964-964	2.5	
108	Lightweight Authenticated-Encryption Scheme for Internet of Things Based on Publish-Subscribe Communication. <i>IEEE Access</i> , 2020 , 8, 60539-60551	3.5	25
107	Early detection of crypto-ransomware using pre-encryption detection algorithm. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2020 ,	2.5	7
106	Emerging Smart Logistics and Transportation Using IoT and Blockchain. <i>IEEE Internet of Things Magazine</i> , 2020 , 3, 58-62	3.5	59
105	Proposing a Secure RPL based Internet of Things Routing Protocol: A Review. <i>Ad Hoc Networks</i> , 2020 , 101, 102096	4.8	36

104	Situation-Aware Deep Reinforcement Learning Link Prediction Model for Evolving Criminal Networks. <i>IEEE Access</i> , 2020 , 8, 16550-16559	3.5	13
103	Smart traffic monitoring system using Unmanned Aerial Vehicles (UAVs). <i>Computer Communications</i> , 2020 , 157, 434-443	5.1	56
102	2020 ,		4
101	Data Fusion-Link Prediction for Evolutionary Network with Deep Reinforcement Learning. <i>International Journal of Advanced Computer Science and Applications</i> , 2020 , 11,	1.7	2
100	A Review on Honeypot-based Botnet Detection Models for Smart Factory. <i>International Journal of Advanced Computer Science and Applications</i> , 2020 , 11,	1.7	3
99	Criminal Community Detection Based on Isomorphic Subgraph Analytics. <i>Open Computer Science</i> , 2020 , 10, 164-174	1.5	4
98	Application of Self-Healing in Wireless Sensor Network 2020 , 1601-1618		
97	UAV Applications, Architecture, Security Issues and Attack Scenarios: A Survey. <i>Lecture Notes in Networks and Systems</i> , 2020 , 753-760	0.5	7
96	Proposing a Hybrid RPL Protocol for Rank and Wormhole Attack Mitigation using Machine Learning 2020 ,		1
95	Digital Curriculum Importance for New Era Education. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2020 , 1-18	0.3	2
94	Digital Governance for Developing Countries Opportunities, Issues, and Challenges in Pakistan. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2020 , 36-58	0.3	7
93	Smart Cities and Digital Governance. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2020 , 87-106	0.3	8
92	The Role of IoT in Digital Governance. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2020 , 128-150	0.3	8
91	Success Stories of ICT Implementation in Saudi Arabia. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2020 , 151-163	0.3	16
90	Fostering Public-Private Partnership. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2020 , 237-255	0.3	4
89	Analysis of Climate Prediction and Climate Change in Pakistan Using Data Mining Techniques. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2020 , 321-338	0.3	3
88	Analyzing the Performance and Efficiency of IT-Compliant Audit Module Using Clustering Methods. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2020 , 351-376	0.3	2
87	UAV Applications, Architecture, Security Issues and Attack Scenarios: A Survey. <i>Lecture Notes in Networks and Systems</i> , 2020 , 753-760	0.5	10

86	Cyber Security Threats and Vulnerabilities: A Systematic Mapping Study. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 3171-3189	2.5	51
85	Privacy Protection and Energy Optimization for 5G-Aided Industrial Internet of Things. <i>IEEE Access</i> , 2020 , 8, 183665-183677	3.5	22
84	Evaluation metric for crypto-ransomware detection using machine learning. <i>Journal of Information Security and Applications</i> , 2020 , 55, 102646	3.5	10
83	A remix IDE: smart contract-based framework for the healthcare sector by using Blockchain technology. <i>Multimedia Tools and Applications</i> , 2020 , 1	2.5	8
82	Air pollution and its health impacts in Malaysia: a review. <i>Air Quality, Atmosphere and Health</i> , 2020 , 13, 1093-1118	5.6	26
81	Energy-Aware Task Allocation for Multi-Cloud Networks. <i>IEEE Access</i> , 2020 , 8, 178825-178834	3.5	13
80	Towards Pattern-Based Change Verification Framework for Cloud-Enabled Healthcare Component-Based. <i>IEEE Access</i> , 2020 , 8, 148007-148020	3.5	16
79	SMTTrust: Proposing Trust-Based Secure Routing Protocol for RPL Attacks for IoT Applications 2020 ,		3
78	Evolution, Mitigation, and Prevention of Ransomware 2020 ,		1
77	Comprehensive Review: Privacy Protection of User in Location-Aware Services of Mobile Cloud Computing. <i>Wireless Personal Communications</i> , 2020 , 111, 541-564	1.9	34
76	Proposing a Privacy Protection Model in Case of Civilian Drone 2020 ,		11
75	IMIAD: Intelligent Malware Identification for Android Platform 2019 ,		8
74	Hidden Link Prediction in Criminal Networks Using the Deep Reinforcement Learning Technique. <i>Computers</i> , 2019 , 8, 8	1.9	19
73	Performance optimization of criminal network hidden link prediction model with deep reinforcement learning. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2019 , 33, 1202-1202	2.5	13
72	Test Case Generation using Unified Modeling Language 2019 ,		1
71	SYN Flood Attack Detection based on Bayes Estimator (SFADBE) For MANET 2019 ,		15
70	A New Model for Predicting Component-Based Software Reliability Using Soft Computing. <i>IEEE Access</i> , 2019 , 7, 147191-147203	3.5	15
69	Analysis of Software Development Methodologies. <i>International Journal of Computing and Digital Systems</i> , 2019 , 8, 445-460	1.6	4

68	Phishing Website Detection: An Improved Accuracy through Feature Selection and Ensemble Learning. <i>International Journal of Advanced Computer Science and Applications</i> , 2019 , 10,	1.7	16
67	The Coin Passcode: A Shoulder-Surfing Proof Graphical Password Authentication Model for Mobile Devices. <i>International Journal of Advanced Computer Science and Applications</i> , 2019 , 10,	1.7	3
66	Ensemble and Deep-Learning Methods for Two-Class and Multi-Attack Anomaly Intrusion Detection: An Empirical Study. <i>International Journal of Advanced Computer Science and Applications</i> , 2019 , 10,	1.7	8
65	Implementation of Fourier Transformation with Brain Cancer and CSF Images. <i>Indian Journal of Science and Technology</i> , 2019 , 12, 1-9	1	4
64	Proposing A Load Balancing Algorithm For The Optimization Of Cloud Computing Applications 2019 ,		8
63	Cyber Security Issues and Challenges for Smart Cities: A survey 2019 ,		15
62	Proposing a Rank and Wormhole Attack Detection Framework using Machine Learning 2019 ,		6
61	. <i>IEEE Access</i> , 2019 , 7, 184797-184807	3.5	15
60	Heart Disease Prediction and Analysis using PCO, LBP and Neural Networks 2019 ,		1
59	Prevention of Crypto-Ransomware Using a Pre-Encryption Detection Algorithm. <i>Computers</i> , 2019 , 8, 79	1.9	23
58	A review on smart home present state and challenges: linked to context-awareness internet of things (IoT). <i>Wireless Networks</i> , 2019 , 25, 3193-3204	2.5	76
57	Proposing secure and lightweight authentication scheme for IoT based E-health applications 2018 ,		21
56	Proposing secure and lightweight authentication scheme for IoT based E-health applications 2018 ,		9
55	Privacy preservation in data intensive environment. <i>Tourism and Management Studies</i> , 2018 , 14, 72-79	1.9	3
54	The Effectiveness of Big Data in Social Networks 2018 , 863-882		
53	Middleware Power Saving Scheme for Mobile Applications 2018 ,		2
52	Proposing A Data Privacy Aware Protocol for Roadside Accident Video Reporting Service Using 5G In Vehicular Cloud Networks Environment 2018 ,		12
51	Bio-inspired energy scavenging in wireless ad hoc network 2017 ,		3

50	Review: Smartphones power consumption & energy saving techniques 2017 ,		8
49	Energy efficient middleware: Design and development for mobile applications 2017 ,		5
48	Towards the Evaluation of Authentication Protocols for Mobile Command and Control Unit in Healthcare. <i>Journal of Medical Imaging and Health Informatics</i> , 2017 , 7, 739-742	1.2	4
47	An Experimental Research in Health Informatics for Enhancing Ovarian Cancer Identification in Ovarian Imaging Analysis Using Fuzzy Histogram Equalization. <i>Journal of Medical Imaging and Health Informatics</i> , 2017 , 7, 1385-1390	1.2	3
46	Green Energy in Data Centers. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2016 , 234-249	0.4	2
45	Application of Self-Healing in Wireless Sensor Network. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2016 , 217-233	0.4	0
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16	Top 7 Lessons Learned from COVID-19 Pandemic		3
15	Ten Deadly Cyber Security Threats Amid COVID-19 Pandemic		9

14	Ten Deadly Cyber Security Threats Amid COVID-19 Pandemic		30
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