N Z Jhanjhi

List of Publications by Year
in descending order

278 papers	5,741 citations	87723 38 h-index	138251 58 g-index
298 all docs	298 docs citations	298 times ranked	2016 citing authors

#	Article	IF	Citations
1	Performance of deep learning vs machine learning in plant leaf disease detection. Microprocessors and Microsystems, 2021, 80, 103615.	1.8	271
2	A review on smart home present state and challenges: linked to context-awareness internet of things (IoT). Wireless Networks, 2019, 25, 3193-3204.	2.0	158
3	Emerging Smart Logistics and Transportation Using IoT and Blockchain. IEEE Internet of Things Magazine, 2020, 3, 58-62.	2.0	151
4	A Hybrid CNN-SVM Threshold Segmentation Approach for Tumor Detection and Classification of MRI Brain Images. Irbm, 2022, 43, 290-299.	3.7	139
5	Cyber Security Threats and Vulnerabilities: A Systematic Mapping Study. Arabian Journal for Science and Engineering, 2020, 45, 3171-3189.	1.7	125
6	A Novel Patient-Centric Architectural Framework for Blockchain-Enabled Healthcare Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 5779-5789.	7.2	122
7	Smart traffic monitoring system using Unmanned Aerial Vehicles (UAVs). Computer Communications, 2020, 157, 434-443.	3.1	116
8	Secure Healthcare Data Aggregation and Transmission in IoT—A Survey. IEEE Access, 2021, 9, 16849-16865.	2.6	108
9	Medical image-based detection of COVID-19 using Deep Convolution Neural Networks. Multimedia Systems, 2023, 29, 1729-1738.	3.0	106
10	Internet of things and ransomware: Evolution, mitigation and prevention. Egyptian Informatics Journal, 2021, 22, 105-117.	4.4	99
11	Comprehensive Review: Privacy Protection of User in Location-Aware Services of Mobile Cloud Computing. Wireless Personal Communications, 2020, 111, 541-564.	1.8	78
12	An attention€based deep learning model for traffic flow prediction using spatiotemporal features towards sustainable smart city. International Journal of Communication Systems, 2021, 34, e4609.	1.6	77
13	Proposing a Secure RPL based Internet of Things Routing Protocol: A Review. Ad Hoc Networks, 2020, 101, 102096.	3.4	75
14	A Comprehensive Review on Secure Routing in Internet of Things: Mitigation Methods and Trust-Based Approaches. IEEE Internet of Things Journal, 2021, 8, 4186-4210.	5.5	72
15	Lightweight Authenticated-Encryption Scheme for Internet of Things Based on Publish-Subscribe Communication. IEEE Access, 2020, 8, 60539-60551.	2.6	71
16	Classification of botnet attacks in IoT smart factory using honeypot combined with machine learning. PeerJ Computer Science, 2021, 7, e350.	2.7	71
17	A Load Balancing Algorithm for the Data Centres to Optimize Cloud Computing Applications. IEEE Access, 2021, 9, 41731-41744.	2.6	69
18	Air pollution and its health impacts in Malaysia: a review. Air Quality, Atmosphere and Health, 2020, 13, 1093-1118.	1.5	67

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19	Performance Enhancement in Wireless Body Area Networks with Secure Communication. Wireless Personal Communications, 2021, 116, 1-22.	1.8	65
20	Detection of Skin Cancer Based on Skin Lesion Images Using Deep Learning. Healthcare (Switzerland), 2022, 10, 1183.	1.0	63
21	Prevention of Crypto-Ransomware Using a Pre-Encryption Detection Algorithm. Computers, 2019, 8, 79.	2.1	58
22	Privacy Protection and Energy Optimization for 5G-Aided Industrial Internet of Things. IEEE Access, 2020, 8, 183665-183677.	2.6	56
23	Enhancing Energy Efficiency of Wireless Sensor Network through the Design of Energy Efficient Routing Protocol. Journal of Sensors, 2016, 2016, 1-16.	0.6	55
24	Phishing Website Detection: An Improved Accuracy through Feature Selection and Ensemble Learning. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	55
25	Emerging use of UAVâ€™s: secure communication protocol issues and challenges. , 2020, , 37-55.		53
26	Energy-Aware Task Allocation for Multi-Cloud Networks. IEEE Access, 2020, 8, 178825-178834.	2.6	51
27	Load balancing techniques in cloud computing environment: A review. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 3910-3933.	2.7	51
28	Performance Comparison of Deep CNN Models for Detecting Driverâ€™s Distraction. Computers, Materials and Continua, 2021, 68, 4109-4124.	1.5	51
29	Detection and Mitigation of RPL Rank and Version Number Attacks in the Internet of Things: SRPL-RP. Sensors, 2020, 20, 5997.	2.1	50
30	Intelligent Framework Using IoT-Based WSNs for Wildfire Detection. IEEE Access, 2021, 9, 48185-48196.	2.6	50
31	Energy efficient optimal parent selection based <scp>routing protocol for</scp> Internet of Things using firefly optimization algorithm. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4171.	2.6	47
32	Capitalizing on big data and revolutionary 5G technology: Extracting and visualizing ratings and reviews of global chain hotels. Computers and Electrical Engineering, 2021, 95, 107374.	3.0	47
33	Cyber Security Issues and Challenges for Smart Cities: A survey. , 2019, , .		46
34	Robust Cluster-Based Routing Protocol for IoT-Assisted Smart Devices in WSN. Computers, Materials and Continua, 2021, 67, 3505-3521.	1.5	45
35	Towards Pattern-Based Change Verification Framework for Cloud-Enabled Healthcare Component-Based. IEEE Access, 2020, 8, 148007-148020.	2.6	44
36	Hidden Link Prediction in Criminal Networks Using the Deep Reinforcement Learning Technique. Computers, 2019, 8, 8.	2.1	43

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37	5G and IoT Based Reporting and Accident Detection (RAD) System to Deliver First Aid Box Using Unmanned Aerial Vehicle. Sensors, 2021, 21, 6905.	2.1	42
38	An enhanced Predictive heterogeneous ensemble model for breast cancer prediction. Biomedical Signal Processing and Control, 2022, 72, 103279.	3.5	42
39	Hybrid smart grid with sustainable energy efficient resources for smart cities. Sustainable Energy Technologies and Assessments, 2021, 46, 101211.	1.7	40
40	Effects of intravenous lipid as a source of energy in parenteral nutrition associated hepatic dysfunction and lidocaine elimination: a study using isolated rat liver perfusion. , 1997, 18, 803-819.		39
41	Artificial Intelligence Enabled Road Vehicle-Train Collision Risk Assessment Framework for Unmanned Railway Level Crossings. IEEE Access, 2020, 8, 113790-113806.	2.6	39
42	Energy Optimization for Smart Cities Using IoT. Applied Artificial Intelligence, 2022, 36, .	2.0	39
43	Secure Surveillance System Using Chaotic Image Encryption Technique. IOP Conference Series: Materials Science and Engineering, 2020, 993, 012062.	0.3	36
44	Detection of COVID-19 Based on Chest X-rays Using Deep Learning. Healthcare (Switzerland), 2022, 10, 343.	1.0	35
45	Energy efficient routing protocol for wireless sensor network. , 2014, , .		34
46	Proposing secure and lightweight authentication scheme for IoT based E-health applications. , 2018, , .		34
47	Multi-class Segmentation of Organ at Risk from Abdominal CT Images: A Deep Learning Approach. Lecture Notes in Networks and Systems, 2021, , 425-434.	0.5	34
48	Performance optimization of criminal network hidden link prediction model with deep reinforcement learning. Journal of King Saud University - Computer and Information Sciences, 2021, 33, 1202-1210.	2.7	33
49	Initial Stage COVID-19 Detection System Based on Patients' Symptoms and Chest X-Ray Images. Applied Artificial Intelligence, 2022, 36, .	2.0	33
50	A New Model for Predicting Component-Based Software Reliability Using Soft Computing. IEEE Access, 2019, 7, 147191-147203.	2.6	32
51	Blockchain based peer to peer communication in autonomous drone operation. Energy Reports, 2021, 7, 7925-7939.	2.5	32
52	A Transfer Learning Approach with a Convolutional Neural Network for the Classification of Lung Carcinoma. Healthcare (Switzerland), 2022, 10, 1058.	1.0	32
53	Evaluation metric for crypto-ransomware detection using machine learning. Journal of Information Security and Applications, 2020, 55, 102646.	1.8	31
54	Situation-Aware Deep Reinforcement Learning Link Prediction Model for Evolving Criminal Networks. IEEE Access, 2020, 8, 16550-16559.	2.6	30

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55	Cyber Security and Privacy Issues in Industrial Internet of Things. Computer Systems Science and Engineering, 2021, 37, 361-380.	1.9	30
56	Ensemble and Deep-Learning Methods for Two-Class and Multi-Attack Anomaly Intrusion Detection: An Empirical Study. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	30
57	CTHS Based Energy Efficient Thermal Aware Image ALU Design on FPGA. Wireless Personal Communications, 2015, 85, 671-696.	1.8	29
58	SYN Flood Attack Detection based on Bayes Estimator (SFADBE) For MANET. , 2019, , .		28
59	Link Prediction in Time-Evolving Criminal Network With Deep Reinforcement Learning Technique. IEEE Access, 2019, 7, 184797-184807.	2.6	28
60	Quantitative Analysis of COVID-19 Patients. Advances in Human and Social Aspects of Technology Book Series, 2021, , 218-242.	0.3	28
61	Energy Optimised Security against Wormhole Attack in IoT-Based Wireless Sensor Networks. Computers, Materials and Continua, 2021, 68, 1967-1981.	1.5	28
62	Proposing A Data Privacy Aware Protocol for Roadside Accident Video Reporting Service Using 5G In Vehicular Cloud Networks Environment. , 2018, , .		27
63	IMIAD: Intelligent Malware Identification for Android Platform. , 2019, , .		26
64	Enhanced method of ANN based model for detection of DDoS attacks on multimedia internet of things. Multimedia Tools and Applications, 2022, 81, 26739-26757.	2.6	26
65	A Secure Communication Protocol for Unmanned Aerial Vehicles. Computers, Materials and Continua, 2022, 70, 601-618.	1.5	26
66	Success Stories of ICT Implementation in Saudi Arabia. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 151-163.	0.2	26
67	Studies of structural changes produced by high doses of gamma rays in some plastic track detectors. Nuclear Instruments & Methods, 1980, 173, 217-221.	1.2	25
68	Investigation of a Brain Cancer with Interfacing of 3-Dimensional Image Processing. Indian Journal of Science and Technology, 2019, 12, 1-6.	0.5	25
69	Load Balancing Algorithm for Migrating Switches in Software-defined Vehicular Networks. Computers, Materials and Continua, 2021, 67, 1301-1316.	1.5	25
70	Cybersecurity Impact over Bigdata and IoT Growth. , 2020, , .		24
71	Plant Disease Diagnosis and Image Classification Using Deep Learning. Computers, Materials and Continua, 2022, 71, 2125-2140.	1.5	24
72	Autonomous Traffic System for Emergency Vehicles. Electronics (Switzerland), 2022, 11, 510.	1.8	24

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73	SMTrust: Proposing Trust-Based Secure Routing Protocol for RPL Attacks for IoT Applications. , 2020, , .		23
74	An Adaptive and Flexible Brain Energized Full Body Exoskeleton With IoT Edge for Assisting the Paralyzed Patients. IEEE Access, 2020, 8, 100721-100731.	2.6	23
75	UAVâ€™s Applications, Architecture, Security Issues and Attack Scenarios: A Survey. Lecture Notes in Networks and Systems, 2020, , 753-760.	0.5	23
76	Securing Drug Distribution Systems from Tampering Using Blockchain. Electronics (Switzerland), 2022, 11, 1195.	1.8	23
77	IoT Wireless Intrusion Detection and Network Traffic Analysis. Computer Systems Science and Engineering, 2022, 40, 865-879.	1.9	22
78	A Data Aggregation Approach Exploiting Spatial and Temporal Correlation among Sensor Data in Wireless Sensor Networks. Electronics (Switzerland), 2022, 11, 989.	1.8	22
79	FoG-Oriented Secure and Lightweight Data Aggregation in IoMT. IEEE Access, 2021, 9, 111072-111082.	2.6	21
80	A Machine Learning Way to Classify Autism Spectrum Disorder. International Journal of Emerging Technologies in Learning, 2021, 16, 182.	0.8	21
81	Security and Privacy Aspects of Cloud Computing: A Smart Campus Case Study. Intelligent Automation and Soft Computing, 2022, 31, 117-128.	1.6	21
82	A Survey on Continuous Object Tracking and Boundary Detection Schemes in IoT Assisted Wireless Sensor Networks. IEEE Access, 2021, 9, 126324-126336.	2.6	21
83	The Role of IoT in Digital Governance. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 128-150.	0.2	21
84	COME-UP: Computation Offloading in Mobile Edge Computing with LSTM Based User Direction Prediction. Applied Sciences (Switzerland), 2022, 12, 3312.	1.3	21
85	Intrusion Detection Systems in Internet of Things and Mobile Ad-Hoc Networks. Computer Systems Science and Engineering, 2022, 40, 1199-1215.	1.9	20
86	Analysis of Software Development Methodologies. International Journal of Computing and Digital Systems, 2019, 8, 445-460.	0.5	20
87	Envisaging Employee Churn Using MCDM and Machine Learning. Intelligent Automation and Soft Computing, 2022, 33, 1009-1024.	1.6	20
88	Proposing A Load Balancing Algorithm For The Optimization Of Cloud Computing Applications. , 2019, , .		19
89	A Resource Management Algorithm for Virtual Machine Migration in Vehicular Cloud Computing. Computers, Materials and Continua, 2021, 67, 2647-2663.	1.5	19
90	Enhancing routing energy efficiency of Wireless Sensor Networks. , 2015, , .		18

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91	Proposing a Rank and Wormhole Attack Detection Framework using Machine Learning. , 2019, , .		18
92	AI-Based Resource Allocation Techniques in Wireless Sensor Internet of Things Networks in Energy Efficiency with Data Optimization. Electronics (Switzerland), 2022, 11, 2071.	1.8	18
93	Review: Smartphones power consumption & energy saving techniques. , 2017, , .		17
94	Proposing secure and lightweight authentication scheme for IoT based E-health applications. , 2018, , .		17
95	Early detection of crypto-ransomware using pre-encryption detection algorithm. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1984-1999.	2.7	17
96	Proposing a Privacy Protection Model in Case of Civilian Drone. , 2020, , .		17
97	Multi-Scale Network for Thoracic Organs Segmentation. Computers, Materials and Continua, 2022, 70, 3251-3265.	1.5	17
98	Smart Cities and Digital Governance. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 87-106.	0.2	17
99	Proposing a Hybrid RPL Protocol for Rank and Wormhole Attack Mitigation using Machine Learning. , 2020, , .		17
100	New techniques for efficiently k-NN algorithm for brain tumor detection. Multimedia Tools and Applications, 2022, 81, 18595-18616.	2.6	17
101	Imperative Dynamic Routing Between Capsules Network for Malaria Classification. Computers, Materials and Continua, 2021, 68, 903-919.	1.5	16
102	Machine Learning-based Detection and Classification of Walnut Fungi Diseases. Intelligent Automation and Soft Computing, 2021, 30, 771-785.	1.6	16
103	Remote Health Monitoring Using IoT-Based Smart Wireless Body Area Network. Computers, Materials and Continua, 2021, 68, 2499-2513.	1.5	16
104	A Monte Carlo Based COVID-19 Detection Framework for Smart Healthcare. Computers, Materials and Continua, 2022, 70, 2365-2380.	1.5	16
105	AI and IoT-Enabled Smart Exoskeleton System for Rehabilitation of Paralyzed People in Connected Communities. IEEE Access, 2021, 9, 80340-80350.	2.6	15
106	Secure Critical Data Reclamation Scheme for Isolated Clusters in IoT-Enabled WSN. IEEE Internet of Things Journal, 2022, 9, 2669-2677.	5.5	15
107	Effect of frost on plants, leaves, and forecast of frost events using convolutional neural networks. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110537.	1.3	15
108	A Comparative Analysis of Machine Learning Models for Banking News Extraction by Multiclass Classification With Imbalanced Datasets of Financial News: Challenges and Solutions. International Journal of Interactive Multimedia and Artificial Intelligence, 2022, 7, 35.	1.0	15

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109	Agent-Based Medical Health Monitoring System. Sensors, 2022, 22, 2820.	2.1	15
110	Energy-Efficient Model for Recovery from Multiple Cluster Nodes Failure Using Moth Flame Optimization in Wireless Sensor Networks. Lecture Notes in Networks and Systems, 2021, , 491-499.	0.5	14
111	Evolution, Mitigation, and Prevention of Ransomware. , 2020, , .		13
112	Securing VANET Using Blockchain Technology. Journal of Physics: Conference Series, 2021, 1979, 012035.	0.3	13
113	Hybridized Machine Learning based Fractal Analysis Techniques for Breast Cancer Classification. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	13
114	IoT-EMS: An Internet of Things Based Environment Monitoring System in Volunteer Computing Environment. Intelligent Automation and Soft Computing, 2022, 32, 1493-1507.	1.6	13
115	SVM and KNN Based CNN Architectures for Plant Classification. Computers, Materials and Continua, 2022, 71, 4257-4274.	1.5	13
116	Analyzing Consequences of Artificial Intelligence on Jobs using Topic Modeling and Keyword Extraction. , 2022, , .		13
117	Exploring Students Engagement Towards the Learning Management System (LMS) Using Learning Analytics. Computer Systems Science and Engineering, 2021, 37, 73-87.	1.9	12
118	Cybersecurity for Data Science: Issues, Opportunities, and Challenges. Lecture Notes in Networks and Systems, 2021, , 435-444.	0.5	12
119	A Review on Honeypot-based Botnet Detection Models for Smart Factory. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	12
120	Real-Time Security Health and Privacy Monitoring for Saudi Highways Using Cutting-Edge Technologies. Applied Sciences (Switzerland), 2022, 12, 2177.	1.3	12
121	Evolving CNN with Paddy Field Algorithm for Geographical Landmark Recognition. Electronics (Switzerland), 2022, 11, 1075.	1.8	12
122	The Impact of Cyber Attacks on E-Governance During the COVID-19 Pandemic. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2022, , 123-140.	0.2	12
123	A Review on Chaotic Scheme-Based Image Encryption Techniques. Lecture Notes in Networks and Systems, 2021, , 473-481.	0.5	11
124	Machine Learning Approaches for Load Balancing in Cloud Computing Services. , 2021, , .		11
125	Wireless Sensor Network (WSN): Routing Security, Reliability and Energy Efficiency. Journal of Applied Sciences, 2012, 12, 593-597.	0.1	11
126	Fostering Public-Private Partnership. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 237-255.	0.2	11

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127	Security Threat and Vulnerability Assessment and Measurement in Secure Software Development. Computers, Materials and Continua, 2022, 71, 5039-5059.	1.5	11
128	Impact of COVID-19 on Higher and Post-secondary Education Systems. , 2022, , 71-83.		11
129	Heart Disease Prediction and Analysis using PCO, LBP and Neural Networks. , 2019, , .		10
130	Using a systematic framework to critically analyze proposed smart card based two factor authentication schemes. Journal of King Saud University - Computer and Information Sciences, 2021, 33, 417-425.	2.7	10
131	A Comparative Review on Non-chaotic and Chaotic Image Encryption Techniques. Lecture Notes in Networks and Systems, 2021, , 465-471.	0.5	10
132	A Smart Comparative Analysis for Secure Electronic Websites. Intelligent Automation and Soft Computing, 2021, 29, 187-199.	1.6	10
133	A survey on security threats and countermeasures in IoT to achieve users confidentiality and reliability. Materials Today: Proceedings, 2023, 81, 377-382.	0.9	10
134	An efficient post-processing adaptive filtering technique to rectifying the flickering effects. PLoS ONE, 2021, 16, e0250959.	1.1	10
135	Packet Optimization of Software Defined Network Using Lion Optimization. Computers, Materials and Continua, 2021, 69, 2617-2633.	1.5	10
136	COVID-19 Impact on Educational System Globally. Studies in Systems, Decision and Control, 2021, , 257-269.	0.8	10
137	Analyzing DistilBERT for Sentiment Classification of Banking Financial News. Lecture Notes in Networks and Systems, 2021, , 501-510.	0.5	10
138	A Vicenary Analysis of SARS-CoV-2 Genomes. Computers, Materials and Continua, 2021, 69, 3477-3493.	1.5	10
139	TBDDoSA-MD: Trust-Based DDoS Misbehave Detection Approach in Software-defined Vehicular Network (SDVN). Computers, Materials and Continua, 2021, 69, 3513-3529.	1.5	10
140	Heart Failure Patient Survival Analysis with Multi Kernel Support Vector Machine. Intelligent Automation and Soft Computing, 2022, 32, 115-129.	1.6	10
141	A spatial feature engineering algorithm for creating air pollution health datasets. International Journal of Cognitive Computing in Engineering, 2020, 1, 98-107.	5.5	9
142	Performance Evaluation of AOMDV on Realistic and Efficient VANet Simulations. Wireless Personal Communications, 2022, 127, 659-678.	1.8	9
143	Security and Privacy Issues in Cloud Computing. Journal of Physics: Conference Series, 2021, 1979, 012038.	0.3	9
144	Towards the Evaluation of Authentication Protocols for Mobile Command and Control Unit in Healthcare. Journal of Medical Imaging and Health Informatics, 2017, 7, 739-742.	0.2	9

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145	An Experimental Research in Health Informatics for Enhancing Ovarian Cancer Identification in Ovarian Imaging Analysis Using Fuzzy Histogram Equalization. Journal of Medical Imaging and Health Informatics, 2017, 7, 1385-1390.	0.2	9
146	Digital Governance for Developing Countries Opportunities, Issues, and Challenges in Pakistan. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 36-58.	0.2	9
147	Exploring Internet Meme Activity during COVID-19 Lockdown Using Artificial Intelligence Techniques. Applied Artificial Intelligence, 2022, 36, .	2.0	9
148	Health Care Digital Revolution During COVID-19. , 2022, , 17-30.		9
149	Smart Home Automation Using Intelligent Electricity Dispatch. IEEE Access, 2021, 9, 118077-118086.	2.6	8
150	A comparative analysis on traditional wired datasets and the need for wireless datasets for IoT wireless intrusion detection. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 22, 1165.	0.7	8
151	Improving Knowledge Sharing in Distributed Software Development. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	8
152	Implementation of Fourier Transformation with Brain Cancer and CSF Images. Indian Journal of Science and Technology, 2019, 12, 1-9.	0.5	8
153	Prediction of Suitable Candidates for COVID-19 Vaccination. Intelligent Automation and Soft Computing, 2022, 32, 525-541.	1.6	8
154	A Novel Hybrid Approach for Access Control in Cloud Computing. International Journal of Engineering Research and Technology, 2020, 13, 3404.	0.3	8
155	Curvelet Transform Based on Edge Preserving Filter for Retinal Blood Vessel Segmentation. Computers, Materials and Continua, 2022, 71, 2459-2476.	1.5	8
156	Optimized Energy Efficient Strategy for Data Reduction Between Edge Devices in Cloud-IoT. Computers, Materials and Continua, 2022, 72, 125-140.	1.5	8
157	Optimized Breast Cancer Premature Detection Method With Computational Segmentation. Advances in Healthcare Information Systems and Administration Book Series, 2022, , 24-51.	0.2	8
158	Software-as-a-Service Security Challenges and Best Practices: A Multivocal Literature Review. Applied Sciences (Switzerland), 2022, 12, 3953.	1.3	8
159	Earlier Detection of Brain Tumor by Pre-Processing Based on Histogram Equalization with Neural Network. Healthcare (Switzerland), 2022, 10, 1218.	1.0	8
160	Rubric based assessment plan implementation for Computer Science program: A practical approach. , 2013, , .		7
161	Proposing an Algorithm for UAVs Interoperability: MAVLink to STANAG 4586 for Securing Communication. Lecture Notes in Networks and Systems, 2021, , 413-423.	0.5	7
162	Implementation of Decision Tree Algorithm to Classify Knowledge Quality in a Knowledge Intensive System. MATEC Web of Conferences, 2021, 335, 04002.	0.1	7

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163	FANET: Efficient Routing in Flying Ad Hoc Networks (FANETs) Using Firefly Algorithm. Lecture Notes in Networks and Systems, 2021, , 483-490.	0.5	7
164	5G Network Security Issues, Challenges, Opportunities and Future Directions: A Survey. Journal of Physics: Conference Series, 2021, 1979, 012037.	0.3	7
165	Understanding of Data Preprocessing for Dimensionality Reduction Using Feature Selection Techniques in Text Classification. Lecture Notes in Networks and Systems, 2021, , 455-464.	0.5	7
166	Energy Optimization through Position ResponsiveRouting Protocol (PRRP) in Wireless Sensor Network. International Journal of Information and Electronics Engineering, 2012, , .	0.2	7
167	Ransomware: A Framework for Security Challenges in Internet of Things. , 2020, , .		6
168	Proposing Encryption Selection Model for IoT Devices Based on IoT Device Design. , 2021, , .		6
169	Utilization of ICT and AI techniques in harnessing residential energy consumption for an energy-aware smart city: A review. International Journal of Advanced and Applied Sciences, 2021, 8, 50-66.	0.2	6
170	A Comprehensive Survey on Load and Resources Management Techniques in the Homogeneous and Heterogeneous Cloud Environment. Journal of Physics: Conference Series, 2021, 1979, 012036.	0.3	6
171	Cryptographic Based Secure Model on Dataset for Deep Learning Algorithms. Computers, Materials and Continua, 2021, 69, 1183-1200.	1.5	6
172	Internet of Things (IoT) : Charity Automation. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.5	6
173	Analysis of Quality of Service in VANET. IOP Conference Series: Materials Science and Engineering, 2020, 993, 012061.	0.3	6
174	Machine Learning-Based Wearable Devices for Smart Healthcare Application With Risk Factor Monitoring. Advances in Logistics, Operations, and Management Science Book Series, 2022, , 174-185.	0.3	6
175	Proposing Encryption Selection Model for IoT Devices Based on IoT Device Design. , 2022, , .		6
176	Applications of Machine Learning in Knowledge Management System: A Comprehensive Review. Journal of Information and Knowledge Management, 2022, 21, .	0.8	6
177	Improve correlation matrix of Discrete Fourier Transformation technique for finding the missing values of MRI images. Mathematical Biosciences and Engineering, 2022, 19, 9039-9059.	1.0	6
178	Energy efficient middleware: Design and development for mobile applications. , 2017, , .		5
179	Extended Forgery Detection Framework for COVID-19 Medical Data Using Convolutional Neural Network. Computers, Materials and Continua, 2021, 68, 3773-3787.	1.5	5
180	Role of Fuzzy Approach towards Fault Detection for Distributed Components. Computers, Materials and Continua, 2021, 67, 1979-1996.	1.5	5

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181	Optoelectronics and Optical Bio-Sensors. , 0, , .		5
182	Introducing Mobility Metrics in Trust-based Security of Routing Protocol for Internet of Things. , 2021, , .		5
183	Organizational Data Breach: Building Conscious Care Behavior in Incident Response. Computer Systems Science and Engineering, 2022, 40, 505-515.	1.9	5
184	Tracking Dengue on Twitter Using Hybrid Filtration-Polarity and Apache Flume. Computer Systems Science and Engineering, 2022, 40, 913-926.	1.9	5
185	Smartphone Security Using Swipe Behavior-based Authentication. Intelligent Automation and Soft Computing, 2021, 29, 571-585.	1.6	5
186	Expert System for Stable Power Generation Prediction in Microbial Fuel Cell. Intelligent Automation and Soft Computing, 2021, 29, 17-30.	1.6	5
187	The Coin Passcode: A Shoulder-Surfing Proof Graphical Password Authentication Model for Mobile Devices. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	5
188	Criminal Community Detection Based on Isomorphic Subgraph Analytics. Open Computer Science, 2020, 10, 164-174.	1.3	5
189	Privacy preservation in data intensive environment. Tourism and Management Studies, 2018, 14, 72-79.	1.0	5
190	Digital Curriculum Importance for New Era Education. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 1-18.	0.2	5
191	A Canvass of 5G Network Slicing: Architecture and Security Concern. IOP Conference Series: Materials Science and Engineering, 2020, 993, 012060.	0.3	5
192	Localized Text-Free User Interfaces. IEEE Access, 2022, 10, 2357-2371.	2.6	5
193	A Systematic Mapping Study of Low-Grade Tumor of Brain Cancer and CSF Fluid Detecting Approaches and Parameters. Advances in Healthcare Information Systems and Administration Book Series, 2022, , 236-259.	0.2	5
194	IoTES (A Machine learning model) Design dependent encryption selection for IoT devices. , 2022, , .		5
195	DDoS Attacks on Software Defined Network: Challenges and Issues. , 2022, , .		5
196	Visualization of Audio Files Using Librosa. Advances in Intelligent Systems and Computing, 2022, , 409-418.	0.5	5
197	Optimization of energy usage in Wireless Sensor Network using Position Responsive Routing Protocol (PRRP). , 2011, , .		4
198	Bio-inspired energy scavenging in wireless ad hoc network. , 2017, , .		4

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