

Abdul Rehman Rehman Javed

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

3,490
citations

147801

31
h-index

168389

53
g-index

82
all docs

82
docs citations

82
times ranked

1326
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel category detection of social media reviews in the restaurant industry. <i>Multimedia Systems</i> , 2023, 29, 1825-1838.	4.7	16
2	AlphaLogger: detecting motion-based side-channel attack using smartphone keystrokes. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 4869-4882.	4.9	56
3	PP-SPA: Privacy Preserved Smartphone-Based Personal Assistant to Improve Routine Life Functioning of Cognitive Impaired Individuals. <i>Neural Processing Letters</i> , 2023, 55, 35-52.	3.2	35
4	Exploratory data analysis, classification, comparative analysis, case severity detection, and internet of things in COVID-19 telemonitoring for smart hospitals. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2023, 35, 507-534.	2.8	30
5	Situation-Aware BDI Reasoning to Detect Early Symptoms of Covid 19 Using Smartwatch. <i>IEEE Sensors Journal</i> , 2023, 23, 898-905.	4.7	26
6	Context-aware Emotion Detection from Low-resource Urdu Language Using Deep Neural Network. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2023, 22, 1-30.	2.0	26
7	A survey on COVID-19 impact in the healthcare domain: worldwide market implementation, applications, security and privacy issues, challenges and future prospects. <i>Complex & Intelligent Systems</i> , 2023, 9, 1027-1058.	6.5	25
8	Social Relationship Analysis Using State-of-the-art Embeddings. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2023, 22, 1-21.	2.0	3
9	Ensemble Adaboost classifier for accurate and fast detection of botnet attacks in connected vehicles. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, e4088.	3.9	46
10	PersonalisedComfort: a personalised thermal comfort model to predict thermal sensation votes for smart building residents. <i>Enterprise Information Systems</i> , 2022, 16, .	4.7	29
11	Classification of COVID-19 individuals using adaptive neuro-fuzzy inference system. <i>Multimedia Systems</i> , 2022, 28, 1223-1237.	4.7	56
12	Secure Cloud Storage for Medical IoT Data using Adaptive Neuro-Fuzzy Inference System. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 1203-1215.	4.0	53
13	Storage and Proximity Management for Centralized Personal Health Records Using an IPFS-Based Optimization Algorithm. <i>Journal of Circuits, Systems and Computers</i> , 2022, 31, .	1.5	43
14	Thermal Comfort Model for HVAC Buildings Using Machine Learning. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 2045-2060.	3.0	14
15	Suspicious transaction detection in banking cyber-physical systems. <i>Computers and Electrical Engineering</i> , 2022, 97, 107596.	4.8	13
16	Privacy of Web Browsers: A Challenge in Digital Forensics. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 493-504.	0.4	6
17	A Comprehensive Survey on Computer Forensics: State-of-the-Art, Tools, Techniques, Challenges, and Future Directions. <i>IEEE Access</i> , 2022, 10, 11065-11089.	4.2	43
18	Feature engineering and deep learning-based intrusion detection framework for securing edge IoT. <i>Journal of Supercomputing</i> , 2022, 78, 8852-8866.	3.6	30

#	ARTICLE	IF	CITATIONS
19	Cyber Security in IoT-Based Cloud Computing: A Comprehensive Survey. Electronics (Switzerland), 2022, 11, 16.	3.1	78
20	Parkinsonâ€™s Disease Management via Wearable Sensors: A Systematic Review. IEEE Access, 2022, 10, 35219-35237.	4.2	44
21	Brain Tumor and Glioma Grade Classification Using Gaussian Convolutional Neural Network. IEEE Access, 2022, 10, 29731-29740.	4.2	59
22	Deep Learning for Depression Detection from Textual Data. Electronics (Switzerland), 2022, 11, 676.	3.1	73
23	Classification of Non-Functional Requirements From IoT Oriented Healthcare Requirement Document. Frontiers in Public Health, 2022, 10, 860536.	2.7	1
24	Applications of Wireless Sensor Networks and Internet of Things Frameworks in the Industry Revolution 4.0: A Systematic Literature Review. Sensors, 2022, 22, 2087.	3.8	232
25	A Multi-Agent Formalism Based on Contextual Defeasible Logic for Healthcare Systems. Frontiers in Public Health, 2022, 10, 849185.	2.7	10
26	Risk monitoring strategy for confidentiality of healthcare information. Computers and Electrical Engineering, 2022, 100, 107833.	4.8	26
27	A Large-Scale Benchmark Dataset for Anomaly Detection and Rare Event Classification for Audio Forensics. IEEE Access, 2022, 10, 38885-38894.	4.2	13
28	Incentive Mechanisms for Smart Grid: State of the Art, Challenges, Open Issues, Future Directions. Big Data and Cognitive Computing, 2022, 6, 47.	4.7	25
29	Social Networking Security during COVID-19: A Systematic Literature Review. Wireless Communications and Mobile Computing, 2022, 2022, 1-21.	1.2	3
30	Hypertuned Deep Convolutional Neural Network for Sign Language Recognition. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	22
31	Bio-Imaging-Based Machine Learning Algorithm for Breast Cancer Detection. Diagnostics, 2022, 12, 1134.	2.6	30
32	Cellular automata trust-based energy drainage attack detection and prevention in Wireless Sensor Networks. Computer Communications, 2022, 191, 360-367.	5.1	10
33	Integration of Blockchain Technology and Federated Learning in Vehicular (IoT) Networks: A Comprehensive Survey. Sensors, 2022, 22, 4394.	3.8	66
34	Future smart cities: requirements, emerging technologies, applications, challenges, and future aspects. Cities, 2022, 129, 103794.	5.6	175
35	Authorship identification using ensemble learning. Scientific Reports, 2022, 12, .	3.3	19
36	Analysis of security and energy efficiency for shortest route discovery in lowâ€™energy adaptive clustering hierarchy protocol using Levenbergâ€™Marquardt neural network and gated recurrent unit for intrusion detection system. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3997.	3.9	72

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37	PARCIV: Recognizing physical activities having complex interclass variations using semantic data of smartphone. <i>Software - Practice and Experience</i> , 2021, 51, 532-549.	3.6	29
38	DeepAMD: Detection and identification of Android malware using high-efficient Deep Artificial Neural Network. <i>Future Generation Computer Systems</i> , 2021, 115, 844-856.	7.5	112
39	Automated cognitive health assessment in smart homes using machine learning. <i>Sustainable Cities and Society</i> , 2021, 65, 102572.	10.4	113
40	Anomaly Detection in Automated Vehicles Using Multistage Attention-Based Convolutional Neural Network. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 4291-4300.	8.0	111
41	A comprehensive survey of AI-enabled phishing attacks detection techniques. <i>Telecommunication Systems</i> , 2021, 76, 139-154.	2.5	140
42	Cross corpus multi-lingual speech emotion recognition using ensemble learning. <i>Complex & Intelligent Systems</i> , 2021, 7, 1845-1854.	6.5	76
43	SeFACED: Semantic-Based Forensic Analysis and Classification of E-Mail Data Using Deep Learning. <i>IEEE Access</i> , 2021, 9, 98398-98411.	4.2	29
44	ElStream: An Ensemble Learning Approach for Concept Drift Detection in Dynamic Social Big Data Stream Learning. <i>IEEE Access</i> , 2021, 9, 66408-66419.	4.2	67
45	Enhancing Security of Health Information Using Modular Encryption Standard in Mobile Cloud Computing. <i>IEEE Access</i> , 2021, 9, 8820-8834.	4.2	85
46	Interference Mitigation in D2D Communication Underlying Cellular Networks: Towards Green Energy. <i>Computers, Materials and Continua</i> , 2021, 68, 45-58.	1.9	14
47	BCD-WERT: a novel approach for breast cancer detection using whale optimization based efficient features and extremely randomized tree algorithm. <i>PeerJ Computer Science</i> , 2021, 7, e390.	4.5	70
48	URLdeepDetect: A Deep Learning Approach for Detecting Malicious URLs Using Semantic Vector Models. <i>Journal of Network and Systems Management</i> , 2021, 29, 1.	4.9	36
49	CANintelliIDS: Detecting In-Vehicle Intrusion Attacks on a Controller Area Network Using CNN and Attention-Based GRU. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 1456-1466.	6.4	142
50	WhatsApp Network Forensics: Discovering the IP Addresses of Suspects. , 2021, , .		19
51	DIDDOS: An approach for detection and identification of Distributed Denial of Service (DDoS) cyberattacks using Gated Recurrent Units (GRU). <i>Future Generation Computer Systems</i> , 2021, 118, 453-466.	7.5	88
52	Betalogger: Smartphone Sensor-based Side-channel Attack Detection and Text Inference Using Language Modeling and Dense MultiLayer Neural Network. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2021, 20, 1-17.	2.0	18
53	Sustainable Security for the Internet of Things Using Artificial Intelligence Architectures. <i>ACM Transactions on Internet Technology</i> , 2021, 21, 1-22.	4.4	43
54	DARE-SEP: A Hybrid Approach of Distance Aware Residual Energy-Efficient SEP for WSN. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 611-621.	5.5	66

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55	Mobile Cloud Computing Framework for Securing Data. , 2021, , .		5
56	A smartphone sensors-based personalized human activity recognition system for sustainable smart cities. Sustainable Cities and Society, 2021, 71, 102970.	10.4	56
57	A comprehensive survey on digital video forensics: Taxonomy, challenges, and future directions. Engineering Applications of Artificial Intelligence, 2021, 106, 104456.	8.1	35
58	Green5G: Enhancing Capacity and Coverage in Device-to-Device Communication. Computers, Materials and Continua, 2021, 67, 1933-1950.	1.9	14
59	Classification and Categorization of COVID-19 Outbreak in Pakistan. Computers, Materials and Continua, 2021, 69, 1253-1269.	1.9	18
60	Toward Tweet-Mining Framework for Extracting Terrorist Attack-Related Information and Reporting. IEEE Access, 2021, 9, 115535-115547.	4.2	13
61	Security in Next Generation Mobile Payment Systems: A Comprehensive Survey. IEEE Access, 2021, 9, 115932-115950.	4.2	29
62	SHA-AMD: sample-efficient hyper-tuned approach for detection and identification of Android malware family and category. International Journal of Ad Hoc and Ubiquitous Computing, 2021, 38, 172.	0.5	3
63	Subjective Answers Evaluation Using Machine Learning and Natural Language Processing. IEEE Access, 2021, 9, 158972-158983.	4.2	23
64	SHA-AMD: sample-efficient hyper-tuned approach for detection and identification of Android malware family and category. International Journal of Ad Hoc and Ubiquitous Computing, 2021, 38, 172.	0.5	1
65	Evading obscure communication from spam emails. Mathematical Biosciences and Engineering, 2021, 19, 1926-1943.	1.9	6
66	An Efficient Deep Learning Framework for Distracted Driver Detection. IEEE Access, 2021, 9, 169270-169280.	4.2	25
67	Email Classification and Forensics Analysis using Machine Learning. , 2021, , .		9
68	COVID-19 Related Sentiment Analysis Using State-of-the-Art Machine Learning and Deep Learning Techniques. Frontiers in Public Health, 2021, 9, 812735.	2.7	40
69	Analyzing the Effectiveness and Contribution of Each Axis of Tri-Axial Accelerometer Sensor for Accurate Activity Recognition. Sensors, 2020, 20, 2216.	3.8	83
70	KeySplitWatermark: Zero Watermarking Algorithm for Software Protection Against Cyber-Attacks. IEEE Access, 2020, 8, 72650-72660.	4.2	104
71	A collaborative healthcare framework for shared healthcare plan with ambient intelligence. Human-centric Computing and Information Sciences, 2020, 10, .	6.1	89
72	Robust Early Stage Botnet Detection using Machine Learning. , 2020, , .		17

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73	Byte-Level Object Identification for Forensic Investigation of Digital Images. , 2020, , .		12
74	A Novel Ensemble Machine Learning Method to Detect Phishing Attack. , 2020, , .		31
75	Collaborative Health Care Plan through Crowdsome Data using Ambient Application. , 2019, , .		21
76	A Novel Deep Auto-Encoder Based Linguistics Clustering Model for Social Text. ACM Transactions on Asian and Low-Resource Language Information Processing, 0, , .	2.0	7
77	A Sequential Machine Learning-cum-Attention Mechanism for Effective Segmentation of Brain Tumor. Frontiers in Oncology, 0, 12, .	2.8	19