

Imran Ashraf

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,856
citations

236612

25
h-index

329751

37
g-index

85
all docs

85
docs citations

85
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved particle swarm optimization based on blockchain mechanism for flexible job shop problem. Cluster Computing, 2023, 26, 2519-2537.	3.5	4
2	COVNet: a convolutional neural network approach for predicting COVID-19 from chest X-ray images. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 535-547.	3.3	67
3	License plate identification and recognition in a non-standard environment using neural pattern matching. Complex & Intelligent Systems, 2022, 8, 3627-3639.	4.0	11
4	Intelligent Positioning System: Learning Indoor Mobility Behavior and Batch Affiliations. Wireless Personal Communications, 2022, 122, 2521-2542.	1.8	3
5	An Efficient, Ensemble-Based Classification Framework for Big Medical Data. Big Data, 2022, 10, 151-160.	2.1	5
6	Blood cancer prediction using leukemia microarray gene data and hybrid logistic vector trees model. Scientific Reports, 2022, 12, 1000.	1.6	35
7	Racism Detection by Analyzing Differential Opinions Through Sentiment Analysis of Tweets Using Stacked Ensemble GCR-NN Model. IEEE Access, 2022, 10, 9717-9728.	2.6	19
8	Inquest of Current Situation in Afghanistan Under Taliban Rule Using Sentiment Analysis and Volume Analysis. IEEE Access, 2022, 10, 10333-10348.	2.6	13
9	Wi-Fi Access Point Design Concept Targeting Indoor Positioning for Smartphones and IoT. Sensors, 2022, 22, 797.	2.1	2
10	Internet of Medical Things-Based Secure and Energy-Efficient Framework for Health Care. Big Data, 2022, 10, 18-33.	2.1	21
11	Sentiment Analysis and Emotion Detection on Cryptocurrency Related Tweets Using Ensemble LSTM-GRU Model. IEEE Access, 2022, 10, 39313-39324.	2.6	30
12	A Deep Learning-Based Smart Framework for Cyber-Physical and Satellite System Security Threats Detection. Electronics (Switzerland), 2022, 11, 667.	1.8	20
13	COVID-19 Vaccination-Related Sentiments Analysis: A Case Study Using Worldwide Twitter Dataset. Healthcare (Switzerland), 2022, 10, 411.	1.0	18
14	Railway Track Inspection Using Deep Learning Based on Audio to Spectrogram Conversion: An on-the-Fly Approach. Sensors, 2022, 22, 1983.	2.1	10
15	Citation Context Analysis Using Combined Feature Embedding and Deep Convolutional Neural Network Model. Applied Sciences (Switzerland), 2022, 12, 3203.	1.3	9
16	Classification of movie reviews using term frequency-inverse document frequency and optimized machine learning algorithms. PeerJ Computer Science, 2022, 8, e914.	2.7	17
17	A novel improved random forest for text classification using feature ranking and optimal number of trees. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 2733-2742.	2.7	17
18	Latest concrete materials dataset and ensemble prediction model for concrete compressive strength containing RCA and GGBFS materials. Construction and Building Materials, 2022, 325, 126525.	3.2	20

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19	Hotspot-Aware Workload Scheduling and Server Placement for Heterogeneous Cloud Data Centers. Energies, 2022, 15, 2541.	1.6	4
20	A dual channel and node mobility based cognitive approach to optimize wireless networks in coal mines. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1486-1497.	2.7	0
21	Data Transmission Enhancement Using Optimal Coding Technique Over <i>In Vivo</i> Channel for Interbody Communication. Big Data, 2022, , .	2.1	6
22	Reduced features set neural network approach based on high-resolution time-frequency images for cardiac abnormality detection. Computers in Biology and Medicine, 2022, 145, 105425.	3.9	9
23	A Survey on Cyber Security Threats in IoT-Enabled Maritime Industry. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-14.	4.7	23
24	Automated disease diagnosis and precaution recommender system using supervised machine learning. Multimedia Tools and Applications, 2022, 81, 31929-31952.	2.6	10
25	Pneumonia Classification from X-ray Images with Inception-V3 and Convolutional Neural Network. Diagnostics, 2022, 12, 1280.	1.3	29
26	A Review of Image Processing Techniques for Deepfakes. Sensors, 2022, 22, 4556.	2.1	16
27	Incorporating CNN Features for Optimizing Performance of Ensemble Classifier for Cardiovascular Disease Prediction. Diagnostics, 2022, 12, 1474.	1.3	23
28	Optimization of Imbalanced and Multidimensional Learning Under Bayes Minimum Risk and Savings Measure. Big Data, 2022, 10, 425-439.	2.1	2
29	Predicting Studentsâ€™ Academic Performance with Conditional Generative Adversarial Network and Deep SVM. Sensors, 2022, 22, 4834.	2.1	13
30	Recent Advancements in Indoor Positioning and Localization. Electronics (Switzerland), 2022, 11, 2047.	1.8	2
31	Novel extreme regression-voting classifier to predict death risk in vaccinated people using VAERS data. PLoS ONE, 2022, 17, e0270327.	1.1	2
32	Predicting numeric ratings for Google apps using text features and ensemble learning. ETRI Journal, 2021, 43, 95-108.	1.2	24
33	Sentiment analysis of tweets using a unified convolutional neural networkâ€™long shortâ€™term memory network model. Computational Intelligence, 2021, 37, 409-434.	2.1	36
34	MagWi: Benchmark Dataset for Long Term Magnetic Field and Wi-Fi Data Involving Heterogeneous Smartphones, Multiple Orientations, Spatial Diversity and Multi-Floor Buildings. IEEE Access, 2021, 9, 77976-77996.	2.6	4
35	Adaptable Reduced-Complexity Approach Based on State Vector Machine for Identification of Criminal Activists on Social Media. IEEE Access, 2021, 9, 95456-95468.	2.6	3
36	Prediction Models for COVID-19 Integrating Age Groups, Gender, and Underlying Conditions. Computers, Materials and Continua, 2021, 67, 3009-3044.	1.5	13

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37	Wireless Capsule Endoscopy Bleeding Images Classification Using CNN Based Model. IEEE Access, 2021, 9, 33675-33688.	2.6	55
38	Localizing pedestrians in indoor environments using magnetic field data with term frequency paradigm and deep neural networks. International Journal of Machine Learning and Cybernetics, 2021, 12, 3203-3219.	2.3	10
39	Compact Model for 3D Printer Energy Estimation and Practical Energy-Saving Strategy. Electronics (Switzerland), 2021, 10, 483.	1.8	14
40	Review prognosis system to predict employees job satisfaction using deep neural network. Computational Intelligence, 2021, 37, 924-950.	2.1	12
41	Characteristic Study of Visible Light Communication and Influence of Coal Dust Particles in Underground Coal Mines. Electronics (Switzerland), 2021, 10, 883.	1.8	14
42	Optimal Path Configuration with Coded Laser Pilots for Charging Electric Vehicles Using High Intensity Laser Power Beams. Applied Sciences (Switzerland), 2021, 11, 3826.	1.3	2
43	Concurrent Firing Light Detection and Ranging System for Autonomous Vehicles. Remote Sensing, 2021, 13, 1767.	1.8	8
44	Empirical Overview of Benchmark Datasets for Geomagnetic Field-Based Indoor Positioning. Sensors, 2021, 21, 3533.	2.1	3
45	Analysis and Evaluation of Barriers Influencing Blockchain Implementation in Moroccan Sustainable Supply Chain Management: An Integrated IFAHP-DEMATEL Framework. Mathematics, 2021, 9, 1601.	1.1	21
46	Diagnosis of vertebral column pathologies using concatenated resampling with machine learning algorithms. PeerJ Computer Science, 2021, 7, e547.	2.7	10
47	Detecting sarcasm in multi-domain datasets using convolutional neural networks and long short term memory network model. PeerJ Computer Science, 2021, 7, e645.	2.7	32
48	Sentiment Analysis and Topic Modeling on Tweets about Online Education during COVID-19. Applied Sciences (Switzerland), 2021, 11, 8438.	1.3	95
49	An Optimized Approach to Channel Modeling and Impact of Deteriorating Factors on Wireless Communication in Underground Mines. Sensors, 2021, 21, 5905.	2.1	7
50	A Novel Approach to Railway Track Faults Detection Using Acoustic Analysis. Sensors, 2021, 21, 6221.	2.1	23
51	Impact of SMOTE on Imbalanced Text Features for Toxic Comments Classification Using RVC Model. IEEE Access, 2021, 9, 78621-78634.	2.6	88
52	Determining the Efficiency of Drugs Under Special Conditions From Users'™ Reviews on Healthcare Web Forums. IEEE Access, 2021, 9, 85721-85737.	2.6	29
53	Deepfake tweets classification using stacked Bi-LSTM and words embedding. PeerJ Computer Science, 2021, 7, e745.	2.7	24
54	Deep Learning Based Early Detection Framework for Preliminary Diagnosis of COVID-19 via Onboard Smartphone Sensors. Sensors, 2021, 21, 6853.	2.1	12

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55	An Intuitionistic Fuzzy Approach for Smart City Development Evaluation for Developing Countries: Moroccan Context. <i>Mathematics</i> , 2021, 9, 2668.	1.1	9
56	Predicting Pulsars from Imbalanced Dataset with Hybrid Resampling Approach. <i>Advances in Astronomy</i> , 2021, 2021, 1-13.	0.5	6
57	Integrating Learning Analytics and Collaborative Learning for Improving Student's Academic Performance. <i>IEEE Access</i> , 2021, 9, 167812-167826.	2.6	12
58	Resolving Energy Consumption Issues and Spectrum Allocation for Future Broadband Networks. <i>IEEE Access</i> , 2021, 9, 166071-166080.	2.6	3
59	Respiration Based Non-Invasive Approach for Emotion Recognition Using Impulse Radio Ultra Wide Band Radar and Machine Learning. <i>Sensors</i> , 2021, 21, 8336.	2.1	19
60	DeepLocate: Smartphone Based Indoor Localization with a Deep Neural Network Ensemble Classifier. <i>Sensors</i> , 2020, 20, 133.	2.1	32
61	Home automation using general purpose household electric appliances with Raspberry Pi and commercial smartphone. <i>PLoS ONE</i> , 2020, 15, e0238480.	1.1	12
62	An Intelligent, Secure, and Smart Home Automation System. <i>Scientific Programming</i> , 2020, 2020, 1-14.	0.5	45
63	The IPIN 2019 Indoor Localisation Competition's Description and Results. <i>IEEE Access</i> , 2020, 8, 206674-206718.	2.6	37
64	Sensor-Based Human Activity Recognition Using Deep Stacked Multilayered Perceptron Model. <i>IEEE Access</i> , 2020, 8, 218898-218910.	2.6	41
65	Enhancing Performance of Magnetic Field Based Indoor Localization Using Magnetic Patterns from Multiple Smartphones. <i>Sensors</i> , 2020, 20, 2704.	2.1	26
66	Smartphone Sensor Based Indoor Positioning: Current Status, Opportunities, and Future Challenges. <i>Electronics (Switzerland)</i> , 2020, 9, 891.	1.8	41
67	GBSVM: Sentiment Classification from Unstructured Reviews Using Ensemble Classifier. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2788.	1.3	42
68	MINLOC:Magnetic Field Patterns-Based Indoor Localization Using Convolutional Neural Networks. <i>IEEE Access</i> , 2020, 8, 66213-66227.	2.6	55
69	A Comprehensive Analysis of Magnetic Field Based Indoor Positioning With Smartphones: Opportunities, Challenges and Practical Limitations. <i>IEEE Access</i> , 2020, 8, 228548-228571.	2.6	15
70	GUIDE: Smartphone sensors-based pedestrian indoor localization with heterogeneous devices. <i>International Journal of Communication Systems</i> , 2019, 32, e4062.	1.6	30
71	Catastrophic factors involved in road accidents: Underlying causes and descriptive analysis. <i>PLoS ONE</i> , 2019, 14, e0223473.	1.1	45
72	Tweets Classification on the Base of Sentiments for US Airline Companies. <i>Entropy</i> , 2019, 21, 1078.	1.1	117

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73	Floor Identification Using Magnetic Field Data with Smartphone Sensors. <i>Sensors</i> , 2019, 19, 2538.	2.1	26
74	Application of Deep Convolutional Neural Networks and Smartphone Sensors for Indoor Localization. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2337.	1.3	39
75	Ranked Sense Multiple Access Control Protocol for Multichannel Cognitive Radio-Based IoT Networks. <i>Sensors</i> , 2019, 19, 1703.	2.1	5
76	Indoor Positioning on Disparate Commercial Smartphones Using Wi-Fi Access Points Coverage Area. <i>Sensors</i> , 2019, 19, 4351.	2.1	35
77	BLocate: A Building Identification Scheme in GPS Denied Environments Using Smartphone Sensors. <i>Sensors</i> , 2018, 18, 3862.	2.1	16
78	MagIO: Magnetic Field Strength Based Indoor- Outdoor Detection with a Commercial Smartphone. <i>Micromachines</i> , 2018, 9, 534.	1.4	36
79	mPILOT-Magnetic Field Strength Based Pedestrian Indoor Localization. <i>Sensors</i> , 2018, 18, 2283.	2.1	37
80	Spam comments prediction using stacking with ensemble learning. <i>Journal of Physics: Conference Series</i> , 2018, 933, 012012.	0.3	15
81	An Investigation of Interpolation Techniques to Generate 2D Intensity Image From LIDAR Data. <i>IEEE Access</i> , 2017, 5, 8250-8260.	2.6	46
82	Finding Factors and Vehicles Involved in Two-Vehicle Accidents Through the Use of Social Network Analysis. , 2017, , .		1
83	Skill Specific Spoken Dialogues Based Personalized ATM Design to Maximize Effective Interaction for Visually Impaired Persona. <i>Lecture Notes in Computer Science</i> , 2014, , 446-457.	1.0	5
84	Intelligent autonomous underwater vehicle mobility with energy efficient routing in sensor networks. <i>Environment, Development and Sustainability</i> , 0, , .	2.7	2
85	Comparative analysis of machine learning methods to detect fake news in an Urdu language corpus. <i>PeerJ Computer Science</i> , 0, 8, e1004.	2.7	7