Furqan Rustam

List of Publications by Year
in descending order

48 papers	1,734 citations	393982 19 h-index	301761 39 g-index
48 all docs	48 docs citations	48 times ranked	692 citing authors

#	Article	IF	Citations
1	COVID-19 Future Forecasting Using Supervised Machine Learning Models. IEEE Access, 2020, 8, 101489-101499.	2.6	350
2	A performance comparison of supervised machine learning models for Covid-19 tweets sentiment analysis. PLoS ONE, 2021, 16, e0245909.	1.1	188
3	Tweets Classification on the Base of Sentiments for US Airline Companies. Entropy, 2019, 21, 1078.	1.1	117
4	Sentiment Analysis and Topic Modeling on Tweets about Online Education during COVID-19. Applied Sciences (Switzerland), 2021, 11, 8438.	1.3	95
5	An Efficient CNN Model for COVID-19 Disease Detection Based on X-Ray Image Classification. Complexity, 2021, 2021, 1-12.	0.9	88
6	Impact of SMOTE on Imbalanced Text Features for Toxic Comments Classification Using RVVC Model. IEEE Access, 2021, 9, 78621-78634.	2.6	88
7	Wireless Capsule Endoscopy Bleeding Images Classification Using CNN Based Model. IEEE Access, 2021, 9, 33675-33688.	2.6	55
8	Classification of Shopify App User Reviews Using Novel Multi Text Features. IEEE Access, 2020, 8, 30234-30244.	2.6	47
9	Minimizing the Overlapping Degree to Improve Class-Imbalanced Learning Under Sparse Feature Selection: Application to Fraud Detection. IEEE Access, 2021, 9, 28101-28110.	2.6	43
10	Sensor-Based Human Activity Recognition Using Deep Stacked Multilayered Perceptron Model. IEEE Access, 2020, 8, 218898-218910.	2.6	41
11	Blood cancer prediction using leukemia microarray gene data and hybrid logistic vector trees model. Scientific Reports, 2022, 12, 1000.	1.6	35
12	Non-Invasive Driver Drowsiness Detection System. Sensors, 2021, 21, 4833.	2.1	34
13	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
14	Sentiment Analysis and Emotion Detection on Cryptocurrency Related Tweets Using Ensemble LSTM-GRU Model. IEEE Access, 2022, 10, 39313-39324.	2.6	30
15	Determining the Efficiency of Drugs Under Special Conditions From Users' Reviews on Healthcare Web Forums. IEEE Access, 2021, 9, 85721-85737.	2.6	29
16	Pneumonia Classification from X-ray Images with Inception-V3 and Convolutional Neural Network. Diagnostics, 2022, 12, 1280.	1.3	29
17	Deepfake tweets classification using stacked Bi-LSTM and words embedding. PeerJ Computer Science, 2021, 7, e745.	2.7	24
18	A Novel Approach to Railway Track Faults Detection Using Acoustic Analysis. Sensors, 2021, 21, 6221.	2.1	23

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19	Incorporating CNN Features for Optimizing Performance of Ensemble Classifier for Cardiovascular Disease Prediction. Diagnostics, 2022, 12, 1474.	1.3	23
20	Predicting pulsar stars using a random tree boosting voting classifier (RTB-VC). Astronomy and Computing, 2020, 32, 100404.	0.8	22
21	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
22	US Based COVID-19 Tweets Sentiment Analysis Using TextBlob and Supervised Machine Learning Algorithms. , 2021, , .		20
23	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
24	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
25	Respiration Based Non-Invasive Approach for Emotion Recognition Using Impulse Radio Ultra Wide Band Radar and Machine Learning. Sensors, 2021, 21, 8336.	2.1	19
26	COVID-19 Vaccination-Related Sentiments Analysis: A Case Study Using Worldwide Twitter Dataset. Healthcare (Switzerland), 2022, 10, 411.	1.0	18
27	Classification of movie reviews using term frequency-inverse document frequency and optimized machine learning algorithms. PeerJ Computer Science, 2022, 8, e914.	2.7	17
28	Detection of Fake Job Postings by Utilizing Machine Learning and Natural Language Processing Approaches. Neural Processing Letters, 2022, 54, 2219-2247.	2.0	16
29	A Review of Image Processing Techniques for Deepfakes. Sensors, 2022, 22, 4556.	2.1	16
30	Vector mosquito image classification using novel RIFS feature selection and machine learning models for disease epidemiology. Saudi Journal of Biological Sciences, 2022, 29, 583-594.	1.8	15
31	Spam SMS filtering based on text features and supervised machine learning techniques. Multimedia Tools and Applications, 2022, 81, 39853-39871.	2.6	15
32	Learning Sentiment Analysis for Accessibility User Reviews. , 2021, , .		14
33	Inquest of Current Situation in Afghanistan Under Taliban Rule Using Sentiment Analysis and Volume Analysis. IEEE Access, 2022, 10, 10333-10348.	2.6	13
34	Review prognosis system to predict employees job satisfaction using deep neural network. Computational Intelligence, 2021, 37, 924-950.	2.1	12
35	Deep Learning Based Early Detection Framework for Preliminary Diagnosis of COVID-19 via Onboard Smartphone Sensors. Sensors, 2021, 21, 6853.	2.1	12
36	Integrating Learning Analytics and Collaborative Learning for Improving Student's Academic Performance. IEEE Access, 2021, 9, 167812-167826.	2.6	12

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37	Employees reviews classification and evaluation (ERCE) model using supervised machine learning approaches. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 3119-3136.	3.3	10
38	Diagnosis of vertebral column pathologies using concatenated resampling with machine learning algorithms. PeerJ Computer Science, 2021, 7, e547.	2.7	10
39	Malicious Traffic Detection in IoT and Local Networks Using Stacked Ensemble Classifier. Computers, Materials and Continua, 2022, 71, 489-515.	1.5	10
40	Railway Track Inspection Using Deep Learning Based on Audio to Spectrogram Conversion: An on-the-Fly Approach. Sensors, 2022, 22, 1983.	2.1	10
41	Automated disease diagnosis and precaution recommender system using supervised machine learning. Multimedia Tools and Applications, 2022, 81, 31929-31952.	2.6	10
42	An Intuitionistic Fuzzy Approach for Smart City Development Evaluation for Developing Countries: Moroccan Context. Mathematics, 2021, 9, 2668.	1.1	9
43	Comparative analysis of machine learning methods to detect fake news in an Urdu language *corpus*. PeerJ Computer Science, 0, 8, e1004.	2.7	7
44	Predicting Pulsars from Imbalanced Dataset with Hybrid Resampling Approach. Advances in Astronomy, 2021, 2021, 1-13.	0.5	6
45	Hotspot-Aware Workload Scheduling and Server Placement for Heterogeneous Cloud Data Centers. Energies, 2022, 15, 2541.	1.6	4
46	Coal mining accident causes classification using voting-based hybrid classifier (VHC). Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 13211-13221.	3.3	2
47	Optimization of Imbalanced and Multidimensional Learning Under Bayes Minimum Risk and Savings Measure. Big Data, 2022, 10, 425-439.	2.1	2
48	Novel extreme regression-voting classifier to predict death risk in vaccinated people using VAERS data. PLoS ONE, 2022, 17, e0270327.	1.1	2