

Matloob Khushi

List of Publications by Year in descending order

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55
papers

1,224
citations

567144

15
h-index

434063

31
g-index

56
all docs

56
docs citations

56
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	COVIDSenti: A Large-Scale Benchmark Twitter Data Set for COVID-19 Sentiment Analysis. IEEE Transactions on Computational Social Systems, 2021, 8, 1003-1015.	3.2	190
2	A Survey of Forex and Stock Price Prediction Using Deep Learning. Applied System Innovation, 2021, 4, 9.	2.7	128
3	A Comparative Performance Analysis of Data Resampling Methods on Imbalance Medical Data. IEEE Access, 2021, 9, 109960-109975.	2.6	93
4	An Investigation of Credit Card Default Prediction in the Imbalanced Datasets. IEEE Access, 2020, 8, 201173-201198.	2.6	78
5	Reinforcement Learning in Financial Markets. Data, 2019, 4, 110.	1.2	67
6	How did socio-demographic status and personal attributes influence compliance to COVID-19 preventive behaviours during the early outbreak in Japan? Lessons for pandemic management. Personality and Individual Differences, 2021, 175, 110692.	1.6	62
7	A patient network-based machine learning model for disease prediction: The case of type 2 diabetes mellitus. Applied Intelligence, 2022, 52, 2411-2422.	3.3	55
8	SMOTE-ENC: A Novel SMOTE-Based Method to Generate Synthetic Data for Nominal and Continuous Features. Applied System Innovation, 2021, 4, 18.	2.7	43
9	Predicting High-Risk Prostate Cancer Using Machine Learning Methods. Data, 2019, 4, 129.	1.2	38
10	Corporate Bankruptcy Prediction: An Approach Towards Better Corporate World. Computer Journal, 2021, 64, 1731-1746.	1.5	34
11	A Comparative Analysis of Active Learning for Biomedical Text Mining. Applied System Innovation, 2021, 4, 23.	2.7	34
12	Text Mining of Stocktwits Data for Predicting Stock Prices. Applied System Innovation, 2021, 4, 13.	2.7	33
13	Wavelet Denoising and Attention-based RNN- ARIMA Model to Predict Forex Price. , 2020, , .		25
14	Deep convolutional neural networks based ECG beats classification to diagnose cardiovascular conditions. Biomedical Engineering Letters, 2021, 11, 147-162.	2.1	24
15	Early Identification of Depression Severity Levels on Reddit Using Ordinal Classification. , 2022, , .		21
16	Promotion of β -catenin/Foxo1 signaling ameliorates renal interstitial fibrosis. Laboratory Investigation, 2019, 99, 1689-1701.	1.7	20
17	Feature Learning for Stock Price Prediction Shows a Significant Role of Analyst Rating. Applied System Innovation, 2021, 4, 17.	2.7	20
18	Benchmarking for biomedical natural language processing tasks with a domain specific ALBERT. BMC Bioinformatics, 2022, 23, 144.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Wavelet Denoised-ResNet CNN and LightGBM Method to Predict Forex Rate of Change. , 2020, , .		16
20	GA-MSSR: Genetic Algorithm Maximizing Sharpe and Sterling Ratio Method for RoboTrading. , 2020, , .		15
21	Event-Driven LSTM For Forex Price Prediction. , 2020, , .		15
22	MatCol: a tool to measure fluorescence signal colocalisation in biological systems. Scientific Reports, 2017, 7, 8879.	1.6	14
23	BioALBERT: A Simple and Effective Pre-trained Language Model for Biomedical Named Entity Recognition. , 2021, , .		14
24	Identification of Disease or Symptom terms in Reddit to Improve Health Mention Classification. , 2022, , .		14
25	U-Net Segmented Adjacent Angle Detection (USAAD) for Automatic Analysis of Corneal Nerve Structures. Data, 2020, 5, 37.	1.2	13
26	Open source tools for management and archiving of digital microscopy data to allow integration with patient pathology and treatment information. Diagnostic Pathology, 2013, 8, 22.	0.9	12
27	Mining Temporal Evolution of Knowledge Graphs and Genealogical Features for Literature-based Discovery Prediction. Journal of Informetrics, 2020, 14, 101057.	1.4	12
28	Bioinformatic analysis of cis-regulatory interactions between progesterone and estrogen receptors in breast cancer. PeerJ, 2014, 2, e654.	0.9	12
29	Binding Sites Analyser (BiSA): Software for Genomic Binding Sites Archiving and Overlap Analysis. PLoS ONE, 2014, 9, e87301.	1.1	11
30	Benchmarking Database Performance for Genomic Data. Journal of Cellular Biochemistry, 2015, 116, 877-883.	1.2	10
31	Automated classification and characterization of the mitotic spindle following knockdown of a mitosis-related protein. BMC Bioinformatics, 2017, 18, 566.	1.2	10
32	A Novel Approach to Data Extraction on Hyperlinked Webpages. Applied Sciences (Switzerland), 2019, 9, 5102.	1.3	7
33	Classifying vaccine sentiment tweets by modelling domain-specific representation and commonsense knowledge into context-aware attentive GRU. , 2021, , .		7
34	Deep Learning Fused Wearable Pressure and PPG Data for Accurate Heart Rate Monitoring. IEEE Sensors Journal, 2021, 21, 27106-27115.	2.4	7
35	Biomarker CA125 Feature Engineering and Class Imbalance Learning Improves Ovarian Cancer Prediction. , 2020, , .		7
36	Development of a data entry auditing protocol and quality assurance for a tissue bank database. Cell and Tissue Banking, 2012, 13, 9-13.	0.5	6

#	ARTICLE	IF	CITATIONS
37	Hybrid Text Representation for Explainable Suicide Risk Identification on Social Media. IEEE Transactions on Computational Social Systems, 2024, , 1-10.	3.2	6
38	Electronic Biorepository Application System: Web-Based Software to Manage Receipt, Peer Review, and Approval of Researcher Applications to a Biobank. Biopreservation and Biobanking, 2012, 10, 37-44.	0.5	5
39	Delayed recruiting of TPD52 to lipid droplets “ evidence for a “second wave” of lipid droplet-associated proteins that respond to altered lipid storage induced by Brefeldin A treatment. Scientific Reports, 2019, 9, 9790.	1.6	5
40	Portfolio Optimization with 2D Relative-Attentional Gated Transformer. , 2020, , .		5
41	Diabetic Retinopathy Detection Using Multi-layer Neural Networks and Split Attention with Focal Loss. Lecture Notes in Computer Science, 2020, , 26-37.	1.0	4
42	Predictive risk modelling in mental health issues using machine learning on graphs. , 2022, , .		4
43	Machine Learned Pulse Transit Time (MLPTT) Measurements from Photoplethysmography. Lecture Notes in Computer Science, 2020, , 49-62.	1.0	2
44	RHMD: A Real-World Dataset for Health Mention Classification on Reddit. IEEE Transactions on Computational Social Systems, 2023, 10, 2325-2334.	3.2	2
45	Predicting Functional Interactions Among DNA-Binding Proteins. Lecture Notes in Computer Science, 2018, , 70-80.	1.0	1
46	Statistical and Geometrical Alignment using Metric Learning in Domain Adaptation. , 2020, , .		1
47	Machine Learning Based Method for Huntington’s Disease Gait Pattern Recognition. Communications in Computer and Information Science, 2019, , 607-614.	0.4	1
48	Classification of Neuroblastoma Histopathological Images Using Machine Learning. Lecture Notes in Computer Science, 2020, , 3-14.	1.0	1
49	Protein-Protein Interactions Prediction Based on Bi-directional Gated Recurrent Unit and Multimodal Representation. Communications in Computer and Information Science, 2020, , 164-171.	0.4	1
50	Grading Diabetic Retinopathy Severity Using Modern Convolution Neural Networks (CNN). , 2021, , .		1
51	Lung Cancer Prediction Using Curriculum Learning Based Deep Neural Networks. , 2021, , .		1
52	IMDB-Attire: A Novel Dataset for Attire Detection and Localization. Lecture Notes in Computer Science, 2019, , 543-553.	1.0	0
53	Semi-supervised Regularized Coplanar Discriminant Analysis. Communications in Computer and Information Science, 2019, , 198-205.	0.4	0
54	Data Mining ENCODE Data Predicts a Significant Role of SINA3 in Human Liver Cancer. Lecture Notes in Computer Science, 2020, , 15-25.	1.0	0

#	ARTICLE	IF	CITATIONS
55	Robust Identification of Figurative Language in Personal Health Mentions on Twitter. IEEE Transactions on Artificial Intelligence, 2023, 4, 362-372.	3.4	0