Matloob Khushi

List of Publications by Year
in descending order

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	Hybrid Text Representation for Explainable Suicide Risk Identification on Social Media. IEEE Transactions on Computational Social Systems, 2024, , 1-10.	3.2	6
2	Robust Identification of Figurative Language in Personal Health Mentions on Twitter. IEEE Transactions on Artificial Intelligence, 2023, 4, 362-372.	3.4	0
3	RHMD: A Real-World Dataset for Health Mention Classification on Reddit. IEEE Transactions on Computational Social Systems, 2023, 10, 2325-2334.	3.2	2
4	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
5	Predictive risk modelling in mental health issues using machine learning on graphs. , 2022, , .		4
6	Benchmarking for biomedical natural language processing tasks with a domain specific ALBERT. BMC Bioinformatics, 2022, 23, 144.	1.2	17
7	Identification of Disease or Symptom terms in Reddit to Improve Health Mention Classification. , 2022, , .		14
8	Early Identification of Depression Severity Levels on Reddit Using Ordinal Classification. , 2022, , .		21
9	Corporate Bankruptcy Prediction: An Approach Towards Better Corporate World. Computer Journal, 2021, 64, 1731-1746.	1.5	34
10	A Comparative Performance Analysis of Data Resampling Methods on Imbalance Medical Data. IEEE Access, 2021, 9, 109960-109975.	2.6	93
11	Text Mining of Stocktwits Data for Predicting Stock Prices. Applied System Innovation, 2021, 4, 13.	2.7	33
12	Deep convolutional neural networks based ECG beats classification to diagnose cardiovascular conditions. Biomedical Engineering Letters, 2021, 11, 147-162.	2.1	24
13	A Survey of Forex and Stock Price Prediction Using Deep Learning. Applied System Innovation, 2021, 4, 9.	2.7	128
14	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
15	A Comparative Analysis of Active Learning for Biomedical Text Mining. Applied System Innovation, 2021, 4, 23.	2.7	34
16	Feature Learning for Stock Price Prediction Shows a Significant Role of Analyst Rating. Applied System Innovation, 2021, 4, 17.	2.7	20
17	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
18	Classifying vaccine sentiment tweets by modelling domain-specific representation and commonsense knowledge into context-aware attentive GRU. , 2021, , .		7

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19	BioALBERT: A Simple and Effective Pre-trained Language Model for Biomedical Named Entity Recognition. , 2021, , .		14
20	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
21	Deep Learning Fused Wearable Pressure and PPG Data for Accurate Heart Rate Monitoring. IEEE Sensors Journal, 2021, 21, 27106-27115.	2.4	7
22	Grading Diabetic Retinopathy Severity Using Modern Convolution Neural Networks (CNN). , 2021, , .		1
23	Lung Cancer Prediction Using Curriculum Learning Based Deep Neural Networks. , 2021, , .		1
24	Wavelet Denoising and Attention-based RNN- ARIMA Model to Predict Forex Price. , 2020, , .		25
25	Statistical and Geometrical Alignment using Metric Learning in Domain Adaptation. , 2020, , .		1
26	GA-MSSR: Genetic Algorithm Maximizing Sharpe and Sterling Ratio Method for RoboTrading. , 2020, , .		15
27	An Investigation of Credit Card Default Prediction in the Imbalanced Datasets. IEEE Access, 2020, 8, 201173-201198.	2.6	78
28	Mining Temporal Evolution of Knowledge Graphs and Genealogical Features for Literature-based Discovery Prediction. Journal of Informetrics, 2020, 14, 101057.	1.4	12
29	U-Net Segmented Adjacent Angle Detection (USAAD) for Automatic Analysis of Corneal Nerve Structures. Data, 2020, 5, 37.	1.2	13
30	Classification of Neuroblastoma Histopathological Images Using Machine Learning. Lecture Notes in Computer Science, 2020, , 3-14.	1.0	1
31	Event-Driven LSTM For Forex Price Prediction. , 2020, , .		15
32	Portfolio Optimization with 2D Relative-Attentional Gated Transformer. , 2020, , .		5
33	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
34	Machine Learned Pulse Transit Time (MLPTT) Measurements from Photoplethysmography. Lecture Notes in Computer Science, 2020, , 49-62.	1.0	2
35	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
36	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

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37	Wavelet Denoised-ResNet CNN and LightGBM Method to Predict Forex Rate of Change. , 2020, , .		16
38	Biomarker CA125 Feature Engineering and Class Imbalance Learning Improves Ovarian Cancer Prediction. , 2020, , .		7
39	Delayed recruiting of TPD52 to lipid droplets â€" evidence for a â€œsecond waveâ€•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	Reinforcement Learning in Financial Markets. Data, 2019, 4, 110.	1.2	67
41	Promotion of Î²-catenin/Foxo1 signaling ameliorates renal interstitial fibrosis. Laboratory Investigation, 2019, 99, 1689-1701.	1.7	20
42	Predicting High-Risk Prostate Cancer Using Machine Learning Methods. Data, 2019, 4, 129.	1.2	38
43	A Novel Approach to Data Extraction on Hyperlinked Webpages. Applied Sciences (Switzerland), 2019, 9, 5102.	1.3	7
44	Machine Learning Based Method for Huntingtonâ€™s Disease Gait Pattern Recognition. Communications in Computer and Information Science, 2019, , 607-614.	0.4	1
45	IMDB-Attire: A Novel Dataset for Attire Detection and Localization. Lecture Notes in Computer Science, 2019, , 543-553.	1.0	0
46	Semi-supervised Regularized Coplanar Discriminant Analysis. Communications in Computer and Information Science, 2019, , 198-205.	0.4	0
47	Predicting Functional Interactions Among DNA-Binding Proteins. Lecture Notes in Computer Science, 2018, , 70-80.	1.0	1
48	MatCol: a tool to measure fluorescence signal colocalisation in biological systems. Scientific Reports, 2017, 7, 8879.	1.6	14
49	Automated classification and characterization of the mitotic spindle following knockdown of a mitosis-related protein. BMC Bioinformatics, 2017, 18, 566.	1.2	10
50	Benchmarking Database Performance for Genomic Data. Journal of Cellular Biochemistry, 2015, 116, 877-883.	1.2	10
51	Binding Sites Analyser (BiSA): Software for Genomic Binding Sites Archiving and Overlap Analysis. PLoS ONE, 2014, 9, e87301.	1.1	11
52	Bioinformatic analysis of cis-regulatory interactions between progesterone and estrogen receptors in breast cancer. PeerJ, 2014, 2, e654.	0.9	12
53	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
54	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

#	Article	IF	Citations
55	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