

Birmohan Singh

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

967
citations

840585

11
h-index

677027

22
g-index

34
all docs

34
docs citations

34
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the impact of data normalization on classification performance. Applied Soft Computing Journal, 2020, 97, 105524.	4.1	574
2	Simultaneous feature weighting and parameter determination of Neural Networks using Ant Lion Optimization for the classification of breast cancer. Biocybernetics and Biomedical Engineering, 2020, 40, 337-351.	3.3	68
3	Feature wise normalization: An effective way of normalizing data. Pattern Recognition, 2022, 122, 108307.	5.1	43
4	Hybridization of feature selection and feature weighting for high dimensional data. Applied Intelligence, 2019, 49, 1580-1596.	3.3	31
5	Classification of Parkinson disease using binary Rao optimization algorithms. Expert Systems, 2021, 38, e12674.	2.9	21
6	A novel phishing detection system using binary modified equilibrium optimizer for feature selection. Computers and Electrical Engineering, 2022, 98, 107689.	3.0	20
7	A new morphology based approach for blood vessel segmentation in retinal images. , 2014, , .		19
8	Detection of Epileptic Seizure EEG Signal Using Multiscale Entropies and Complete Ensemble Empirical Mode Decomposition. Wireless Personal Communications, 2021, 116, 845-864.	1.8	19
9	Grasshopper optimization algorithm based approach for the optimization of ensemble classifier and feature selection to classify epileptic EEG signals. Medical and Biological Engineering and Computing, 2019, 57, 1323-1339.	1.6	18
10	An approach for classification of malignant and benign microcalcification clusters. Sadhana - Academy Proceedings in Engineering Sciences, 2018, 43, 1.	0.8	15
11	Motion detection for video surveillance. , 2014, , .		13
12	An approach for feature selection using local searching and global optimization techniques. Neural Computing and Applications, 2017, 28, 2915-2930.	3.2	13
13	Face detection and eyes extraction using sobel edge detection and morphological operations. , 2016, , .		12
14	Wavelet and Total Variation Based Method Using Adaptive Regularization for Speckle Noise Reduction in Ultrasound Images. Wireless Personal Communications, 2019, 106, 1547-1572.	1.8	12
15	Effective and efficient classification of gastrointestinal lesions: combining data preprocessing, feature weighting, and improved ant lion optimization. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8683-8698.	3.3	12
16	Mammogram Mass Classification Using Support Vector Machine with Texture, Shape Features and Hierarchical Centroid Method. Journal of Medical Imaging and Health Informatics, 2014, 4, 687-696.	0.2	10
17	Automatic number plate recognition system by character position method. International Journal of Computational Vision and Robotics, 2016, 6, 94.	0.2	10
18	An improved elephant herding optimization for global optimization problems. Engineering With Computers, 2022, 38, 3489-3521.	3.5	9

#	ARTICLE	IF	CITATIONS
19	A novel equilibrium optimizer based on levy flight and iterative cosine operator for engineering optimization problems. Expert Systems, 2022, 39, e12843.	2.9	9
20	An Approach for Enhancement of Microcalcifications in Mammograms. Journal of Medical and Biological Engineering, 2017, 37, 567-579.	1.0	7
21	A Novel Approach of Ensemble Methods Using the Stacked Generalization for High-dimensional Datasets. IETE Journal of Research, 2023, 69, 6802-6817.	1.8	6
22	Chaotic approach for improving global optimization in Yellow Saddle Goatfish. Engineering Reports, 2021, 3, e12381.	0.9	5
23	Data hiding in videos using Background Subtraction. , 2015, , .		4
24	An efficient feature selection method based on improved elephant herding optimization to classify high-dimensional biomedical data. Expert Systems, 2022, 39, .	2.9	4
25	Optimum resource allocation approach in cloud. , 2016, , .		3
26	Hybrid SFO and TLBO optimization for biodegradable classification. Soft Computing, 2021, 25, 15417-15443.	2.1	3
27	A hybrid approach for feature selection. , 2015, , .		2
28	Feature Weighting for Improved Classification of Anuran Calls. , 2018, , .		2
29	Diagnosis of Malignant Pleural Mesothelioma Using KNN. Lecture Notes in Networks and Systems, 2019, , 637-641.	0.5	2
30	Improving the classification of phishing websites using a hybrid algorithm. Computational Intelligence, 0, , .	2.1	1
31	Recognizing fast moving objects at normal human perception rate. , 2013, , .		0
32	Analysis of Electroencephalogram for the Recognition of Epileptogenic Area Using Ensemble Empirical Mode Decomposition. Lecture Notes in Electrical Engineering, 2019, , 481-489.	0.3	0
33	A Hybrid Approach for Speckle Reduction in Ultrasound. Lecture Notes in Networks and Systems, 2019, , 259-268.	0.5	0
34	Sensitivity analysis of feature weighting for classification. Pattern Analysis and Applications, 0, , .	3.1	0