

Birmohan Singh

List of Publications by Year in descending order

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34
papers

967
citations

840585

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h-index

677027

22
g-index

34
all docs

34
docs citations

34
times ranked

715
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | An improved elephant herding optimization for global optimization problems. Engineering With Computers, 2022, 38, 3489-3521. | 3.5 | 9 |
| 3 | Feature wise normalization: An effective way of normalizing data. Pattern Recognition, 2022, 122, 108307. | 5.1 | 43 |
| 4 | A novel equilibrium optimizer based on levy flight and iterative cosine operator for engineering optimization problems. Expert Systems, 2022, 39, e12843. | 2.9 | 9 |
| 5 | A novel phishing detection system using binary modified equilibrium optimizer for feature selection. Computers and Electrical Engineering, 2022, 98, 107689. | 3.0 | 20 |
| 6 | An efficient feature selection method based on improved elephant herding optimization to classify high-dimensional biomedical data. Expert Systems, 2022, 39, . | 2.9 | 4 |
| 7 | 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 |
| 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 | Chaotic approach for improving global optimization in Yellow Saddle Goatfish. Engineering Reports, 2021, 3, e12381. | 0.9 | 5 |
| 10 | Classification of Parkinson disease using binary Rao optimization algorithms. Expert Systems, 2021, 38, e12674. | 2.9 | 21 |
| 11 | Hybrid SFO and TLBO optimization for biodegradable classification. Soft Computing, 2021, 25, 15417-15443. | 2.1 | 3 |
| 12 | Investigating the impact of data normalization on classification performance. Applied Soft Computing Journal, 2020, 97, 105524. | 4.1 | 574 |
| 13 | 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 |
| 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 | 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 |
| 16 | Hybridization of feature selection and feature weighting for high dimensional data. Applied Intelligence, 2019, 49, 1580-1596. | 3.3 | 31 |
| 17 | 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 |
| 18 | Diagnosis of Malignant Pleural Mesothelioma Using KNN. Lecture Notes in Networks and Systems, 2019, , 637-641. | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Hybrid Approach for Speckle Reduction in Ultrasound. Lecture Notes in Networks and Systems, 2019, , 259-268. | 0.5 | 0 |
| 20 | An approach for classification of malignant and benign microcalcification clusters. Sadhana - Academy Proceedings in Engineering Sciences, 2018, 43, 1. | 0.8 | 15 |
| 21 | Feature Weighting for Improved Classification of Anuran Calls. , 2018, , . | | 2 |
| 22 | An approach for feature selection using local searching and global optimization techniques. Neural Computing and Applications, 2017, 28, 2915-2930. | 3.2 | 13 |
| 23 | An Approach for Enhancement of Microcalcifications in Mammograms. Journal of Medical and Biological Engineering, 2017, 37, 567-579. | 1.0 | 7 |
| 24 | Optimum resource allocation approach in cloud. , 2016, , . | | 3 |
| 25 | Face detection and eyes extraction using sobel edge detection and morphological operations. , 2016, , . | | 12 |
| 26 | Automatic number plate recognition system by character position method. International Journal of Computational Vision and Robotics, 2016, 6, 94. | 0.2 | 10 |
| 27 | Data hiding in videos using Background Subtraction. , 2015, , . | | 4 |
| 28 | A hybrid approach for feature selection. , 2015, , . | | 2 |
| 29 | 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 |
| 30 | A new morphology based approach for blood vessel segmentation in retinal images. , 2014, , . | | 19 |
| 31 | Motion detection for video surveillance. , 2014, , . | | 13 |
| 32 | Recognizing fast moving objects at normal human perception rate. , 2013, , . | | 0 |
| 33 | Improving the classification of phishing websites using a hybrid algorithm. Computational Intelligence, 0, , . | 2.1 | 1 |
| 34 | Sensitivity analysis of feature weighting for classification. Pattern Analysis and Applications, 0, , . | 3.1 | 0 |