

Harikumar Rajaguru

List of Publications by Year in descending order

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199
papers

1,370
citations

516561

16
h-index

610775

24
g-index

220
all docs

220
docs citations

220
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Detection and Classification of Mammograms Using Improved Extreme Learning Machine with Deep Learning. <i>Irbm</i> , 2022, 43, 49-61.	3.7	61
2	Analysis of Decision Tree and K-Nearest Neighbor Algorithm in the Classification of Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 3777-3781.	0.5	60
3	Lung Cancer Detection using Probabilistic Neural Network with modified Crow-Search Algorithm. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 2159-2166.	0.5	45
4	Detection and classification of microcalcification from digital mammograms with firefly algorithm, extreme learning machine and non-linear regression models: A comparison. <i>International Journal of Imaging Systems and Technology</i> , 2020, 30, 126-146.	2.7	42
5	A Framework for Schizophrenia EEG Signal Classification With Nature Inspired Optimization Algorithms. <i>IEEE Access</i> , 2020, 8, 39875-39897.	2.6	40
6	Performance analysis of neural networks for classification of medical images with wavelets as a feature extractor. <i>International Journal of Imaging Systems and Technology</i> , 2015, 25, 33-40.	2.7	38
7	Performance analysis and detection of micro calcification in digital mammograms using wavelet features. , 2016, , .		36
8	Performance analysis of KNN classifier and K-means clustering for robust classification of epilepsy from EEG signals. , 2016, , .		31
9	Metaheuristic-Based Dimensionality Reduction and Classification Analysis of PPG Signals for Interpreting Cardiovascular Disease. <i>IEEE Access</i> , 2019, 7, 165181-165206.	2.6	24
10	Schizophrenia EEG Signal Classification Based on Swarm Intelligence Computing. <i>Computational Intelligence and Neuroscience</i> , 2020, 2020, 1-14.	1.1	23
11	Alcoholic EEG signal classification with Correlation Dimension based distance metrics approach and Modified Adaboost classification. <i>Heliyon</i> , 2020, 6, e05689.	1.4	22
12	Dimensionality Reduction Techniques for Processing Epileptic Encephalographic Signals. <i>Biomedical and Pharmacology Journal</i> , 2015, 8, 103-106.	0.2	20
13	Earlier detection of cancer regions from MR image features and SVM classifiers. <i>International Journal of Imaging Systems and Technology</i> , 2016, 26, 196-208.	2.7	19
14	Computerized approach for cardiovascular risk level detection using photoplethysmography signals. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 150, 107048.	2.5	19
15	Code Converters with City Block Distance Measures for Classifying Epilepsy from EEG Signals. <i>Procedia Computer Science</i> , 2016, 87, 5-11.	1.2	18
16	Logistic regression Gaussian mixture model and softmax discriminant classifier for epilepsy classification from EEG signals. , 2017, , .		18
17	Bayesian linear discriminant analysis for breast cancer classification. , 2017, , .		18
18	A novel improved crow search algorithm to classify the severity in digital mammograms. <i>International Journal of Imaging Systems and Technology</i> , 2021, 31, 921-954.	2.7	18

#	ARTICLE	IF	CITATIONS
19	Multi-Deep CNN based Experimentations for Early Diagnosis of Breast Cancer. IETE Journal of Research, 2023, 69, 7326-7341.	1.8	18
20	Comparison Analysis of Linear Discriminant Analysis and Cuckoo-Search Algorithm in the Classification of Breast Cancer from Digital Mammograms. Asian Pacific Journal of Cancer Prevention, 2019, 20, 2333-2337.	0.5	17
21	Performance analysis of linear layer neural networks for oral cancer classification. , 2017, , .		16
22	Factor analysis, Hessian Local Linear Embedding and Isomap for epilepsy classification from EEG. , 2016, , .		15
23	Conceptual analysis of epilepsy classification using probabilistic mixture models. , 2017, , .		13
24	Comparative performance analysis of Naive Bayes and SVM classifier for oral X-ray images. , 2017, , .		13
25	Sparse PCA and soft decision tree classifiers for epilepsy classification from EEG signals. , 2017, , .		13
26	Performance enhancement of swarm intelligence techniques in dementia classification using dragonfly-based hybrid algorithms. International Journal of Imaging Systems and Technology, 2020, 30, 57-74.	2.7	13
27	Performance Comparison of Oral Cancer Classification with Gaussian Mixture Measures and Multi Layer Perceptron. IFMBE Proceedings, 2017, , 123-129.	0.2	13
28	GMM better than SRC for classifying epilepsy risk levels from EEG signals. , 2015, , .		12
29	Adaboost Classifier with Dimensionality Reduction Techniques for Epilepsy Classification from EEG. IFMBE Proceedings, 2018, , 185-189.	0.2	12
30	Fuzzy Techniques and Aggregation Operators in Classification of Epilepsy Risk Levels for Diabetic Patients Using EEG Signals and Cerebral Blood Flow. Journal of Biomaterials and Tissue Engineering, 2015, 5, 316-322.	0.0	12
31	A Framework for Epilepsy Classification Using Modified Sparse Representation Classifiers and Naïve Bayesian Classifier from Electroencephalogram Signals. Journal of Medical Imaging and Health Informatics, 2016, 6, 1829-1837.	0.2	12
32	Frequency behaviours of electroencephalography signals in epileptic patients from a wavelet thresholding perspective. Applied Mathematical Sciences, 0, 9, 2451-2457.	0.0	12
33	PCA and K-means clustering for classification of epilepsy risk levels from EEG signals – A comparative study between them. , 2015, , .		11
34	Performance comparison of fuzzy mutual information as dimensionality reduction techniques and SRC, SVD and approximate entropy as post classifiers for the classification of epilepsy risk levels from EEG signals. , 2015, , .		11
35	A different approach to epilepsy risk level classification utilizing various distance measures as post classifiers. , 2015, , .		11
36	Non linear ICA and logistic regression for classification of epilepsy from EEG signals. , 2017, , .		11

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37	Deep features with Bayesian optimized classifiers for the breast cancer diagnosis. International Journal of Imaging Systems and Technology, 2021, 31, 1861-1881.	2.7	11
38	Analysis of centre tendency mode chaotic modeling for electroencephalography signals obtained from an epileptic patient. Advanced Studies in Theoretical Physics, 0, 9, 171-177.	0.1	11
39	An efficient classification of epilepsy risk levels from EEG signals using hard thresholding computation applied to code converters. , 2015, , .		10
40	SOGI Algorithm-Based Shunt Active Power Filter for Grid Integration of Photovoltaic Systems. Journal of Circuits, Systems and Computers, 2016, 25, 1650046.	1.0	10
41	Comparison of Fuzzy Output Optimization with Expectation Maximization Algorithm and Its Modification for Epilepsy Classification. Lecture Notes in Networks and Systems, 2018, , 263-272.	0.5	10
42	Fuzzy-Inspired Photoplethysmography Signal Classification with Bio-Inspired Optimization for Analyzing Cardiovascular Disorders. Diagnostics, 2020, 10, 763.	1.3	10
43	Improved chicken swarm optimization to classify dementia MRI images using a novel controlled randomness optimization algorithm. International Journal of Imaging Systems and Technology, 2020, 30, 605-620.	2.7	10
44	An Efficient System for Palm Print Recognition Using Ridges. , 2014, , .		9
45	Wavelets and Morphological Operators Based Classification of Epilepsy Risk Levels. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	9
46	Analysis of adaboost classifier from compressed EEG features for epilepsy detection. , 2017, , .		9
47	EM based non-linear regression and singular value decomposition for epilepsy classification. , 2017, , .		9
48	A Comprehensive Analysis of Alcoholic EEG Signals with Detrend Fluctuation Analysis and Post Classifiers. , 2019, , .		9
49	Development of Patient Remote Monitoring System for Epilepsy Classification. IFMBE Proceedings, 2017, , 80-87.	0.2	9
50	Application of linear graph embedding as a dimensionality reduction technique and sparse representation classifier as a post classifier for the classification of epilepsy risk levels from EEG signals. Proceedings of SPIE, 2015, , .	0.8	8
51	Power spectral density and KNN based adaboost classifier for epilepsy classification from EEG. , 2017, , .		8
52	Ad hoc node connectivity improvement analysis " Why not through mesh clients?. Computers and Electrical Engineering, 2014, 40, 473-483.	3.0	7
53	A novel combination of code converters and sparse representation classifiers for an efficient epilepsy risk level classification. , 2015, , .		7
54	Enhancement of Fuzzy Controlled Photovoltaic "Diesel System With Battery Storage Using Interleaved Converter With Hybrid MPPT for Rural Home. Journal of Solar Energy Engineering, Transactions of the ASME, 2015, 137, .	1.1	7

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55	Softmax discriminant classifier for detection of risk levels in alcoholic EEG signals. , 2017, , .		7
56	Time frequency analysis (dB2 and dB4) for epilepsy classification with LDA classifier. , 2017, , .		7
57	Multilayer Autoencoders and EM - PCA with Genetic Algorithm for Epilepsy Classification from EEG. , 2018, , .		7
58	Extreme Learning Machine (ELM) based Performance Analysis and Epilepsy Identification from EEG Signals. IETE Journal of Research, 2023, 69, 6304-6314.	1.8	7
59	Classification of cardiac diseases from ECG signals through bio inspired classifiers with Adam and R-Adam approaches for hyperparameters updation. Measurement: Journal of the International Measurement Confederation, 2022, 194, 111048.	2.5	7
60	Analysis of Fuzzy Techniques and Neural Networks (RBF&MLP) in Classification of Epilepsy Risk Levels from EEG Signals. IETE Journal of Research, 2007, 53, 465-474.	1.8	6
61	Fuzzy techniques and hierarchical aggregation functions decision trees for the classification of epilepsy risk levels from EEG signals. , 2008, , .		6
62	Morphological operator based feature extraction technique along with suitable post classifiers for epilepsy risk level classification. , 2015, , .		6
63	Fuzzy Mutual Information as a Dimensionality Reduction Technique for Epileptic Electroencephalography Signals. Research Journal of Applied Sciences, Engineering and Technology, 2015, 10, 1035-1037.	0.1	6
64	ASSESSMENT OF EPILEPSY CLASSIFICATION USING TECHNIQUES SUCH AS SINGULAR VALUE DECOMPOSITION, APPROXIMATE ENTROPY, AND WEIGHTED K-NEAREST NEIGHBORS MEASURES. Asian Journal of Pharmaceutical and Clinical Research, 2016, 9, 91.	0.3	6
65	Cascaded feed forward neural networks and generalized regression for epilepsy risk level classification â€” A study. , 2016, , .		6
66	Expectation maximization based logistic regression for breast cancer classification. , 2017, , .		6
67	Epilepsy classification through multi-label dimensionality reduction through dependence maximization and elite genetic algorithm. , 2017, , .		6
68	Oral cancer classification from hybrid ABC-PSO and Bayesian LDA. , 2017, , .		6
69	Performance analysis of particle swarm optimization technique in classification of dementia using MRI images. , 2017, , .		6
70	An approach to classification of oral cancer using Softmax Discriminant Classifier. , 2017, , .		6
71	Comparison of Isomap and matrix factorization with mahalanobis based sparse representation classifier for epilepsy classification from EEG signals. , 2017, , .		6
72	Hilbert transform with Elman backpropagation and multilayer perceptrons for epilepsy classification. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
73	Conventional neural network for blind image blur correction using latent semantics. Soft Computing, 2020, 24, 15223-15237.	2.1	6
74	Dementia <scp>MRI</scp> image classification using transformation technique based on elephant herding optimization with Randomized Adam method for updating the hyperâ€parameters. International Journal of Imaging Systems and Technology, 2021, 31, 1221-1245.	2.7	6
75	Entropy Based PAPR Reduction for STTC System Utilized for Classification of Epilepsy from EEG Signals Using PSD and SVM. IFMBE Proceedings, 2017, , 117-120.	0.2	6
76	A Comprehensive Review on Photoplethysmography and Its Application for Heart Rate Turbulence Clinical Diagnosis. Advanced Science Letters, 2015, 21, 3602-3604.	0.2	6
77	Dimensionality Reduction with Linear Graph Embedding Technique for Electroencephalography Signals of an Epileptic Patient. Research Journal of Pharmacy and Technology, 2015, 8, 554.	0.2	6
78	Expectation Maximization Based PCA and Hessian LLE with Suitable Post Classifiers for Epilepsy Classification from EEG Signals. Advances in Intelligent Systems and Computing, 2018, , 364-374.	0.5	6
79	Performance Analysis of Classifiers in Detection of Respiratory Disorder through Capnography. , 2021, , .		6
80	A Systematic Review on Screening, Examining and Classification of Breast Cancer. , 2021, , .		6
81	Simulation of VLSI Design using Parallel Architecture for Epilepsy Risk Level Diagnosis in Diabetic Neuropathy. IETE Journal of Research, 2004, 50, 297-304.	1.8	5
82	Genetic Algorithm for Classification of Epilepsy Risk Levels from EEG Signals. , 2005, , .		5
83	Performance analysis of SVD and Support Vector Machines for optimization of fuzzy outputs in classification of epilepsy risk level from EEG signals. , 2011, , .		5
84	A dynamic overlay approach for mobility maintenance in personal communication networks. Peer-to-Peer Networking and Applications, 2014, 7, 118-128.	2.6	5
85	Performance analysis of wavelet transforms and morphological operator-based classification of epilepsy risk levels. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.0	5
86	Performance Analysis of ApEn as a Feature Extraction Technique and Time Delay Neural Networks, Multi Layer Perceptron as Post Classifiers for the Classification of Epilepsy Risk Levels from EEG Signals. Advances in Intelligent Systems and Computing, 2016, , 89-97.	0.5	5
87	Bayesian linear discriminant analysis with hybrid ABC-PSO classifier for classifying epilepsy from EEG signals. , 2017, , .		5
88	Performance Analysis of KNN Classifier with Various Distance Metrics Method for MRI Images. Advances in Intelligent Systems and Computing, 2019, , 673-682.	0.5	5
89	Performance analysis of classifiers for colon cancer detection from dimensionality reduced microarray gene data. International Journal of Imaging Systems and Technology, 2020, 30, 1012-1032.	2.7	5
90	A Comprehensive Analysis on Breast Cancer Classification with Radial Basis Function and Gaussian Mixture Model. IFMBE Proceedings, 2017, , 21-27.	0.2	5

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91	Performance Comparison of EM, MEM, CTM, PCA, ICA, Entropy and MI for Photoplethysmography Signals. Biomedical and Pharmacology Journal, 2015, 8, 413-418.	0.2	5
92	Dementia MRI Classification Using Hybrid Dragonfly Based Support Vector Machine. , 2019, , .		5
93	A new distributed architecture for connectivity analysis in wireless networks. Procedia Engineering, 2012, 30, 394-401.	1.2	4
94	Application of thresholding in correlation dimension for alcoholic risk level detection in EEG signals. , 2017, , .		4
95	Performance Analysis of Local Linear Embedding (LLE) and Hessian LLE with Hybrid ABC-PSO for Epilepsy Classification from EEG signals. , 2018, , .		4
96	Interpretation of Autoencoders and PCA with Adaboost Classifier for Classification of Epilepsy from EEG Signals. , 2018, , .		4
97	A comparison of detrend fluctuation analysis, Gaussian mixture model and artificial neural network performance in the detection of microcalcification from digital mammograms. International Journal of Biomedical Engineering and Technology, 2021, 37, 83.	0.2	4
98	A Hybrid Classification Model Using Artificial Bee Colony with Particle Swarm Optimization and Minimum Relative Entropy as Post Classifier for Epilepsy Classification. Lecture Notes in Computational Vision and Biomechanics, 2018, , 593-603.	0.5	4
99	Variational Bayesian Matrix Factorization and Certain Post Classifiers for Classification of Epilepsy from EEG Signals. Research Journal of Pharmacy and Technology, 2016, 9, 750.	0.2	4
100	Epilepsy Classification Using Discriminant Analysis and Implementation with Space Time Trellis Coded MIMO-OFDM System for Telemedicine Applications. IFMBE Proceedings, 2018, , 493-497.	0.2	4
101	IoT based Smart Irrigation System using Raspberry Pi. , 2021, , .		4
102	A Fusion-Based Technique With Hybrid Swarm Algorithm and Deep Learning for Biosignal Classification. Frontiers in Human Neuroscience, 2022, 16, .	1.0	4
103	<scp>SKMATâ€Uâ€™Net</scp> architecture for breast mass segmentation. International Journal of Imaging Systems and Technology, 2022, 32, 1880-1888.	2.7	4
104	Performance Analysis of Ovarian Cancer Detection and Classification for Microarray Gene Data. BioMed Research International, 2022, 2022, 1-16.	0.9	4
105	Performance analysis of hybrid robust automatic speech recognition system. , 2012, , .		3
106	A Localized Computing Approach for Connectivity Improvement Analysis in Wireless Personal Networks. Wireless Personal Communications, 2013, 72, 2867-2883.	1.8	3
107	Performance analysis of EM, SVD, and SVM classifiers in classification of carcinogenic regions of medical images. International Journal of Imaging Systems and Technology, 2014, 24, 16-22.	2.7	3
108	Modified expectation maximization based sparse representation classifier for classification of epilepsy from EEG signals. , 2017, , .		3

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109	Metric multidimensional scaling and aggregation operators for classifying epilepsy from EEG signals. , 2017, , .		3
110	Efficient Minutiae Matching Algorithm for Fingerprint Recognition. , 2019, , .		3
111	An Amalgamated Approach to Bilevel Feature Selection Techniques Utilizing Soft Computing Methods for Classifying Colon Cancer. BioMed Research International, 2020, 2020, 1-13.	0.9	3
112	Modified Grey Wolf Randomized Optimization in Dementia Classification Using MRI Images. IETE Journal of Research, 2022, 68, 2531-2540.	1.8	3
113	Energy efficient VLSI decoder chip with reduced PAPR in FECG monitoring. International Journal of Electronics, 2020, 107, 1304-1323.	0.9	3
114	An analysis of low power testing using K -means clustering with reordering approach. Electronics Letters, 2021, 57, 633-635.	0.5	3
115	A Holistic Performance Comparison for Lung Cancer Classification Using Swarm Intelligence Techniques. Journal of Healthcare Engineering, 2021, 2021, 1-13.	1.1	3
116	Efficient Denoising Framework for Mammogram Images with a New Impulse Detector and Non-Local Means. Asian Pacific Journal of Cancer Prevention, 2020, 21, 179-183.	0.5	3
117	A Unique Approach to Epilepsy Classification from EEG Signals Using Dimensionality Reduction and Neural Networks. Circuits and Systems, 2016, 07, 1455-1464.	0.1	3
118	Factorization and Particle Swarm Based Sparse Representation Classifier for Epilepsy Classification Implemented for Wireless Telemedicine Applications. IFMBE Proceedings, 2018, , 487-491.	0.2	3
119	A Holistic Strategy for Classification of Sleep Stages with EEG. Sensors, 2022, 22, 3557.	2.1	3
120	Performance analysis of ensemble classifiers and a two-level classifier in the classification of severity in digital mammograms. Soft Computing, 2022, 26, 12741-12760.	2.1	3
121	Fuzzy Techniques with Aggregation Operators for Classification and Optimization of Epilepsy Risk Level from EEG Signals. IETE Journal of Research, 2005, 51, 379-388.	1.8	2
122	Performance analysis of SVD and K-means clustering for optimization of fuzzy outputs in classification of epilepsy risk level from EEG signals. , 2012, , .		2
123	A real time experimental setup for classification of epilepsy risk levels. Applied Soft Computing Journal, 2015, 35, 493-501.	4.1	2
124	Test Data Compression and Power Reduction Using Similarity Based Reordering Technique for Wireless Systems. Wireless Personal Communications, 2016, 90, 713-728.	1.8	2
125	Power spectral density with correlation dimension for epilepsy classification from EEG signals. , 2017, , .		2
126	Visualizing local linear embedding and fast ICA with linear neural networks for epilepsy classification. , 2017, , .		2

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127	Epilepsy classification using fuzzy optimization and Kernel Fisher discriminant analysis. , 2017, , .		2
128	Analysis of Dimensionality Reduction Techniques with ABC-PSO Classifier for Classification of Epilepsy from EEG Signals. Lecture Notes in Computational Vision and Biomechanics, 2018, , 625-633.	0.5	2
129	Classification of Dementia Using Harmony Search Optimization Technique. , 2018, , .		2
130	Fuzzy Mutual Information and Firefly Algorithm for Epilepsy Classification from EEG. , 2018, , .		2
131	Factor Analysis and Weighted KNN Classifier for Epilepsy Classification from EEG signals. , 2018, , .		2
132	Comparison of Particle Swarm Optimization and Weighted Artificial Bee Colony Techniques in Classification of Dementia Using MRI Images. Lecture Notes in Computational Vision and Biomechanics, 2019, , 985-992.	0.5	2
133	A Novel Noise Removal in Digital Mammograms based on Statistical Algorithms. , 2019, , .		2
134	Eigen Vector Method with Swarm and Non Swarm Intelligence Techniques for Epileptic Seizure Classification. , 2020, , .		2
135	Classification of B-Cell Acute Lymphoblastic Leukemia Microscopic Images Using Crow Search Algorithm. IFMBE Proceedings, 2021, , 143-154.	0.2	2
136	Evaluating the Effect of Interleaving and Maximum Power Point Tracking (MPPT) in boost converter for Photovoltaic (PV) Power Generation System using MATLAB. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	2
137	Wireless Systems with Reduced PAPR Using K-means Modified PTS Implemented for Epilepsy Classification from EEG Signals. IFMBE Proceedings, 2017, , 309-312.	0.2	2
138	PCA Based Selective Mapping Technique for Reduced PAPR Implemented for Distributed Wireless Patient Monitoring Epilepsy Classification System. IFMBE Proceedings, 2017, , 41-44.	0.2	2
139	Fuzzy Optimization with Modified Adaboost Classifier for Epilepsy Classification from EEG Signals. Lecture Notes in Computational Vision and Biomechanics, 2018, , 604-612.	0.5	2
140	Wavelet Neural Networks, Elman Backpropagation and Multilayer Perceptrons for Epilepsy Classification from EEG Signals. Research Journal of Pharmacy and Technology, 2018, 11, 1301.	0.2	2
141	Performance Analysis of Support Vector Machine (SVM) for Optimization of Fuzzy Based Epilepsy Risk Level Classifications from EEG Signal Parameters. IFMBE Proceedings, 2009, , 351-354.	0.2	2
142	VLSI Synthesis of Heterogeneous and SIRM Fuzzy System for Classification of Diabetic Epilepsy Risk Levels. , 2008, , .		1
143	Comparison of hierarchical aggregation functions decision Trees and Rule Based AI optimization in the classification of fuzzy based epilepsy risk levels from EEG signals. , 2011, , .		1
144	Performance analysis of LPG PCA algorithm in medical images. , 2012, , .		1

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145	Comprehensive analysis of LPC–PCA algorithms in denoising and deblurring of medical images. International Journal of Imaging Systems and Technology, 2013, 23, 157-170.	2.7	1
146	FPGA implementation of Wavelet Neural Network for epileptic seizure detection. IEICE Electronics Express, 2013, 10, 20130848-20130848.	0.3	1
147	Performance Analysis of Adaptive Routing Structure for Wireless Sensor Network Based on Load Balancing. Wireless Personal Communications, 2016, 90, 473-485.	1.8	1
148	A comprehensive analysis of support vector machine and Gaussian mixture model for classification of epilepsy from EEG signals. , 2017, , .		1
149	Particle swarm based sparse representation classifier for classification of epilepsy from EEG signals. , 2017, , .		1
150	Analyzing dimensionality reduction with softmax discriminant classifier for epilepsy classification. , 2017, , .		1
151	Code converters methodology with kernel maximum uncertainty discriminant analysis for epilepsy classification. , 2017, , .		1
152	Optimization of fuzzy outputs for classification of epilepsy from EEG signals using linear discriminant analysis. , 2017, , .		1
153	Hessian LLE and Na–ve Bayesian Classifier for Epilepsy Classification from EEG Signals. , 2018, , .		1
154	PCA and DWT Based Gene Selection Technique for Classification of Microarray Data. , 2018, , .		1
155	Analysis of Conscious Alert System from EEG data using LabView. , 2018, , .		1
156	Classification of Leukemia Microscopic Images using Blended Biogeography Optimization. , 2020, , .		1
157	Classification of Dementia MRI Images Using Hybrid Meta-Heuristic Optimization Techniques Based on Harmony Search Algorithm. IFMBE Proceedings, 2021, , 129-141.	0.2	1
158	Ensemble Flower-Pollination Algorithm for Automatic Breast Cancer Classification using Haar Features. IOP Conference Series: Materials Science and Engineering, 2021, 1084, 012002.	0.3	1
159	Enhancing the performance of hybrid evolutionary algorithms in microarray colon data classification. International Journal of Imaging Systems and Technology, 2021, 31, 1595-1608.	2.7	1
160	Spectral Density Analysis with Logarithmic Regression Dependent Gaussian Mixture Model for Epilepsy Classification. Advances in Intelligent Systems and Computing, 2020, , 529-535.	0.5	1
161	Correlation Dimension and Bayesian Linear Discriminant Analysis for Alcohol Risk Level Detection. Advances in Intelligent Systems and Computing, 2020, , 576-582.	0.5	1
162	Thresholding and Clustering with Singular Value Decomposition for Alcoholic EEG Analysis. Advances in Intelligent Systems and Computing, 2020, , 615-623.	0.5	1

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163	Performance Analysis of Hybrid Deep Learning Models with Attention Mechanism Positioning and Focal Loss for Text Classification. Scientific Programming, 2021, 2021, 1-12.	0.5	1
164	Performance Analysis of GMM Classifier for Classification of Normal and Abnormal Segments in PPG Signals. IFMBE Proceedings, 2017, , 73-79.	0.2	1
165	Performance Analysis of Factor Analysis and Isomap with Hybrid ABC-PSO Classifier for Epilepsy Classification. IFMBE Proceedings, 2018, , 191-195.	0.2	1
166	Swarm Intelligence Based Feature Clustering for Continuous Speech Recognition Under Noisy Environments. Advances in Intelligent Systems and Computing, 2020, , 1248-1255.	0.5	1
167	Chaotic-Based Big Bang-Big Crunch Algorithm (CBCA) for Energy Management System of Hybrid Isolated Micro-grid: An Inherent Control Scheme. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-21.	1.2	1
168	PPG Signal Analysis for Cardiovascular Patient Using Correlation Dimension and Hilbert Transform Based Classification. , 2020, , 1103-1110.		1
169	FPGA Implementation of Fuzzy (PD&PID) Controller for Insulin Pumps in Diabetes. IFMBE Proceedings, 2009, , 370-373.	0.2	1
170	Disease Prediction based on Retinal Images. , 2021, , .		1
171	Transformation based Diabetes Classification using Crow-Search Optimization Algorithm. , 2021, , .		1
172	Prominent Gene Selection and Classification of Colorectal Cancer using Microarray Data. , 2021, , .		1
173	Detection of Liver Cirrhosis in Ultrasonic Images from GLCM Features and Classifiers. IFMBE Proceedings, 2022, , 161-172.	0.2	1
174	A Study on Real World Implementation and Future Trends of Internet of Things. , 2020, , .		1
175	Deep Features with Improved Extreme Learning Machine for Breast Cancer Classification. , 2021, , .		1
176	Breast Cancer Diagnosis Using Quantum-Inspired Classifier. Advances in Intelligent Systems and Computing, 2022, , 737-747.	0.5	1
177	Detection of Congestive Heart Failure with Nature-Inspired Optimization and Classifiers Performance Amelioration from ECG Signals. IETE Journal of Research, 2023, 69, 4858-4871.	1.8	1
178	Detection of liver abnormalitiesâ€”A new paradigm in medical image processing and classification techniques. International Journal of Imaging Systems and Technology, 2022, 32, 2219-2239.	2.7	1
179	Performance analysis of fuzzy techniques hierarchical aggregation functions decision trees and Support Vector Machine (SVM)for the classification of epilepsy risk levels from EEG signals. , 2011, , .		0
180	FPGA Synthesis of SIRM Fuzzy System-Classification Of Diabetic Epilepsy Risk Level. Procedia Engineering, 2012, 38, 391-404.	1.2	0

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181	Performance evaluation of a fuzzy processor. , 2013, , .		0
182	Performance Analysis of Wavelet Function Using Denoising for Clinical Database. Lecture Notes in Electrical Engineering, 2018, , 241-249.	0.3	0
183	Isometric Mapping and Probabilistic Classifier for Epilepsy Classification from EEG Signals. , 2018, , .		0
184	Matrix Factorization with Adaboost Variant Classifier for Epilepsy Classification from EEG Signals. , 2018, , .		0
185	Intelligent Approach to Detect Human Liver Cancer in Abdominal CT Scan. , 2018, , .		0
186	PAC Bayesian Classifier with Finite Mixture Model for Oral Cancer Classification. IFMBE Proceedings, 2019, , 195-199.	0.2	0
187	Classification of Dementia MRI Images using Blended Biogeography Based Optimization. , 2019, , .		0
188	An algorithmic approach for minimizing test power in VLSI circuits. IOP Conference Series: Materials Science and Engineering, 2021, 1059, 012039.	0.3	0
189	Microarray Colon Data Classification using Hybrid Classifiers. , 2021, , .		0
190	A Novel Hybrid Method of Dimensionality Reduction with a Post Classifier for Assessing Epilepsy Risk Levels from EEG Signals. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
191	Fuzzy C-Means Clustering and Gaussian Mixture Model for Epilepsy Classification from EEG. Lecture Notes in Computational Vision and Biomechanics, 2019, , 429-435.	0.5	0
192	Impulse Noise Removal in Mammograms using Bi-Dimensional Empirical Mode Decomposition and Fast Adaptive Bilateral Filter. International Journal of Recent Technology and Engineering, 2019, 8, 674-678.	0.2	0
193	Performance Analysis of Classifiers in Identification of Dry and Wet Spells During the Monsoon Period. International Journal of Recent Technology and Engineering, 2019, 8, 3342-3346.	0.2	0
194	Semantic Regularization for Blind image Deconvolution in Medical Images with extended sparseness. , 2020, , .		0
195	Image De-noising Method Using Median Type Filter, Fuzzy Logic and Genetic Algorithm. Advances in Intelligent Systems and Computing, 2020, , 488-495.	0.5	0
196	Microarray Prostate Cancer Classification using Eminent Genes. , 2021, , .		0
197	Classification of Epilepsy Risk Levels Using Variable Thresholding Based Feature Extraction Technique and Suitable Post Classifiers. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
198	Breast Cancer Classification Using Enhanced Binary Crow Search Optimization With Iterative Flight Length. Advances in Intelligent Systems and Computing, 2022, , 439-447.	0.5	0

#	ARTICLE	IF	CITATIONS
199	PREDICTION OF CARDIAC ARRHYTHMIA USING MULTI CLASS CLASSIFIERS BY INCORPORATING WAVELET TRANSFORM BASED FEATURES. Dyna (Spain), 2022, 97, 418-424.	0.1	0