Harikumar Rajaguru

List of Publications by Year
in descending order

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	Extreme Learning Machine (ELM) based Performance Analysis and Epilepsy Identification from EEG Signals. IETE Journal of Research, 2023, 69, 6304-6314.	1.8	7
2	Multi-Deep CNN based Experimentations for Early Diagnosis of Breast Cancer. IETE Journal of Research, 2023, 69, 7326-7341.	1.8	18
3	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
4	Modified Grey Wolf Randomized Optimization in Dementia Classification Using MRI Images. IETE Journal of Research, 2022, 68, 2531-2540.	1.8	3
5	Automatic Detection and Classification of Mammograms Using Improved Extreme Learning Machine with Deep Learning. Irbm, 2022, 43, 49-61.	3.7	61
6	Detection of Liver Cirrhosis in Ultrasonic Images from GLCM Features and Classifiers. IFMBE Proceedings, 2022, , 161-172.	0.2	1
7	Breast Cancer Diagnosis Using Quantum-Inspired Classifier. Advances in Intelligent Systems and Computing, 2022, , 737-747.	0.5	1
8	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
9	Breast Cancer Classification Using Enhanced Binary Crow Search OptÄ±mÄ±zation With Iterative Flight Length. Advances in Intelligent Systems and Computing, 2022, , 439-447.	0.5	0
10	A Holistic Strategy for Classification of Sleep Stages with EEG. Sensors, 2022, 22, 3557.	2.1	3
11	A Fusion-Based Technique With Hybrid Swarm Algorithm and Deep Learning for Biosignal Classification. Frontiers in Human Neuroscience, 2022, 16, .	1.0	4
12	<scp>SKMATâ€Uâ€Net</scp> architecture for breast mass segmentation. International Journal of Imaging Systems and Technology, 2022, 32, 1880-1888.	2.7	4
13	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
14	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
15	PREDICTION OF CARDIAC ARRHYTHMIA USING MULTI CLASS CLASSIFIERS BY INCORPORATING WAVELET TRANSFORM BASED FEATURES. Dyna (Spain), 2022, 97, 418-424.	0.1	0
16	Performance Analysis of Ovarian Cancer Detection and Classification for Microarray Gene Data. BioMed Research International, 2022, 2022, 1-16.	0.9	4
17	A novel improved crowâ€search algorithm to classify the severity in digital mammograms. International Journal of Imaging Systems and Technology, 2021, 31, 921-954.	2.7	18
18	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

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19	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
20	Classification of B-Cell Acute Lymphoblastic Leukemia Microscopic Images Using Crow Search Algorithm. IFMBE Proceedings, 2021, , 143-154.	0.2	2
21	Classification of Dementia MRI Images Using Hybrid Meta-Heuristic Optimization Techniques Based on Harmony Search Algorithm. IFMBE Proceedings, 2021, , 129-141.	0.2	1
22	An algorithmic approach for minimizing test power in VLSI circuits. IOP Conference Series: Materials Science and Engineering, 2021, 1059, 012039.	0.3	0
23	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
24	Deepâ€features with Bayesian optimized classifiers for the breast cancer diagnosis. International Journal of Imaging Systems and Technology, 2021, 31, 1861-1881.	2.7	11
25	Microarray Colon Data Classification using Hybrid Classifiers. , 2021, , .		0
26	An analysis of low power testing using K â€means clustering with reordering approach. Electronics Letters, 2021, 57, 633-635.	0.5	3
27	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
28	A Holistic Performance Comparison for Lung Cancer Classification Using Swarm Intelligence Techniques. Journal of Healthcare Engineering, 2021, 2021, 1-13.	1.1	3
29	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
30	IoT based Smart Irrigation System using Raspberry Pi. , 2021, , .		4
31	Disease Prediction based on Retinal Images. , 2021, , .		1
32	Microarray Prostate Cancer Classification using Eminent Genes. , 2021, , .		0
33	Performance Analysis of Classifiers in Detection of Respiratory Disorder through Capnography. , 2021, , .		6
34	Transformation based Diabetes Classification using Crow-Search Optimization Algorithm. , 2021, , .		1
35	Prominent Gene Selection and Classification of Colorectal Cancer using Microarray Data. , 2021, , .		1
36	A Systematic Review on Screening, Examining and Classification of Breast Cancer. , 2021, , .		6

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37	Deep Features with Improved Extreme Learning Machine for Breast Cancer Classification. , 2021, , .		1
38	Computerized approach for cardiovascular risk level detection using photoplethysmography signals. Measurement: Journal of the International Measurement Confederation, 2020, 150, 107048.	2.5	19
39	Detection and classification of microcalcification from digital mammograms with firefly algorithm, extreme learning machine and non‐linear regression models: A comparison. International Journal of Imaging Systems and Technology, 2020, 30, 126-146.	2.7	42
40	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
41	Fuzzy-Inspired Photoplethysmography Signal Classification with Bio-Inspired Optimization for Analyzing Cardiovascular Disorders. Diagnostics, 2020, 10, 763.	1.3	10
42	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
43	Schizophrenia EEG Signal Classification Based on Swarm Intelligence Computing. Computational Intelligence and Neuroscience, 2020, 2020, 1-14.	1.1	23
44	Classification of Leukemia Microscopic Images using Blended Biogeography Optimization. , 2020, , .		1
45	Conventional neural network for blind image blur correction using latent semantics. Soft Computing, 2020, 24, 15223-15237.	2.1	6
46	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
47	A Framework for Schizophrenia EEG Signal Classification With Nature Inspired Optimization Algorithms. IEEE Access, 2020, 8, 39875-39897.	2.6	40
48	Energy efficient VLSI decoder chip with reduced PAPR in FECG monitoring. International Journal of Electronics, 2020, 107, 1304-1323.	0.9	3
49	Eigen Vector Method with Swarm and Non Swarm Intelligence Techniques for Epileptic Seizure Classification. , 2020, , .		2
50	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
51	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
52	Correlation Dimension and Bayesian Linear Discriminant Analysis for Alcohol Risk Level Detection. Advances in Intelligent Systems and Computing, 2020, , 576-582.	0.5	1
53	Thresholding and Clustering with Singular Value Decomposition for Alcoholic EEG Analysis. Advances in Intelligent Systems and Computing, 2020, , 615-623.	0.5	1
54	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

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55	Swarm Intelligence Based Feature Clustering for Continuous Speech Recognition Under Noisy Environments. Advances in Intelligent Systems and Computing, 2020, , 1248-1255.	0.5	1
56	Alcoholic EEG signal classification with Correlation Dimension based distance metrics approach and Modified Adaboost classification. Heliyon, 2020, 6, e05689.	1.4	22
57	Semantic Regularization for Blind image Deconvolution in Medical Images with extended sparseness. , 2020, , .		0
58	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
59	PPG Signal Analysis for Cardiovascular Patient Using Correlation Dimension and Hilbert Transform Based Classification. , 2020, , 1103-1110.		1
60	A Study on Real World Implementation and Future Trends of Internet of Things. , 2020, , .		1
61	Metaheuristic-Based Dimensionality Reduction and Classification Analysis of PPG Signals for Interpreting Cardiovascular Disease. IEEE Access, 2019, 7, 165181-165206.	2.6	24
62	A Comprehensive Analysis of Alcoholic EEG Signals with Detrend Fluctuation Analysis and Post Classifiers. , 2019, , .		9
63	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
64	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
65	PAC Bayesian Classifier with Finite Mixture Model for Oral Cancer Classification. IFMBE Proceedings, 2019, , 195-199.	0.2	0
66	A Novel Noise Removal in Digital Mammograms based on Statistical Algorithms. , 2019, , .		2
67	Classification of Dementia MRI Images using Blended Biogeography Based Optimization. , 2019, , .		0
68	Efficient Minutiae Matching Algorithm for Fingerprint Recognition. , 2019, , .		3
69	Analysis of Decision Tree and K-Nearest Neighbor Algorithm in the Classification of Breast Cancer. Asian Pacific Journal of Cancer Prevention, 2019, 20, 3777-3781.	0.5	60
70	Lung Cancer Detection using Probabilistic Neural Network with modified Crow-Search Algorithm. Asian Pacific Journal of Cancer Prevention, 2019, 20, 2159-2166.	0.5	45
71	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
72	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

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73	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
74	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
75	Dementia MRI Classification Using Hybrid Dragonfly Based Support Vector Machine. , 2019, , .		5
76	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
77	Performance Analysis of Wavelet Function Using Denoising for Clinical Database. Lecture Notes in Electrical Engineering, 2018, , 241-249.	0.3	0
78	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
79	Classification of Dementia Using Harmony Search Optimization Technique. , 2018, , .		2
80	Performance Analysis of Local Linear Embedding (LLE) and Hessian LLE with Hybrid ABC-PSO for Epilepsy Classification from EEG signals. , 2018, , .		4
81	Interpretation of Autoencoders and PCA with Adaboost Classifier for Classification of Epilepsy from EEG Signals. , 2018, , .		4
82	Hessian LLE and NaÃ¯ve Bayesian Classifier for Epilepsy Classification from EEG Signals. , 2018, , .		1
83	Isometric Mapping and Probabilistic Classifier for Epilepsy Classification from EEG Signals. , 2018, , .		0
84	PCA and DWT Based Gene Selection Technique for Classification of Microarray Data. , 2018, , .		1
85	Fuzzy Mutual Information and Firefly Algorithm for Epilepsy Classification from EEG. , 2018, , .		2
86	Matrix Factorization with Adaboost Variant Classifier for Epilepsy Classification from EEG Signals. , 2018, , .		0
87	Intelligent Approach to Detect Human Liver Cancer in Abdominal CT Scan. , 2018, , .		0
88	Multilayer Autoencoders and EM - PCA with Genetic Algorithm for Epilepsy Classification from EEG. , 2018, , .		7
89	Analysis of Conscious Alert System from EEG data using LabView. , 2018, , .		1
90	Factor Analysis and Weighted KNN Classifier for Epilepsy Classification from EEG signals. , 2018, , .		2

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91	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
92	Adaboost Classifier with Dimensionality Reduction Techniques for Epilepsy Classification from EEG. IFMBE Proceedings, 2018, , 185-189.	0.2	12
93	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
94	Factorization and Particle Swarm Based Sparse Representation Classifier for Epilepsy Classification Implemented for Wireless Telemedicine Applications. IFMBE Proceedings, 2018, , 487-491.	0.2	3
95	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
96	Performance Analysis of Factor Analysis and Isomap with Hybrid ABC-PSO Classifier for Epilepsy Classification. IFMBE Proceedings, 2018, , 191-195.	0.2	1
97	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
98	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
99	Conceptual analysis of epilepsy classification using probabilistic mixture models. , 2017, , .		13
100	Comparative performance analysis of Naive Bayes and SVM classifier for oral X-ray images. , 2017, , .		13
101	Performance analysis of linear layer neural networks for oral cancer classification. , 2017, , .		16
102	Analysis of adaboost classifier from compressed EEG features for epilepsy detection. , 2017, , .		9
103	Logistic regression Gaussian mixture model and softmax discriminant classifier for epilepsy classification from EEG signals. , 2017, , .		18
104	Sparse PCA and soft decision tree classifiers for epilepsy classification from EEG signals. , 2017, , .		13
105	A comprehensive analysis of support vector machine and Gaussian mixture model for classification of epilepsy from EEG signals. , 2017, , .		1
106	Modified expectation maximization based sparse representation classifier for classification of epilepsy from EEG signals. , 2017, , .		3
107	Expectation maximization based logistic regression for breast cancer classification. , 2017, , .		6
108	EM based non-linear regression and singular value decomposition for epilepsy classification. , 2017, , .		9

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109	Non linear ICA and logistic regression for classification of epilepsy from EEG signals. , 2017, , .		11
110	Particle swarm based spare representation classifier for classification of epilepsy from EEG signals. , 2017, , .		1
111	Epilepsy classification through multi-label dimensionality reduction through dependence maximization and elite genetic algorithm. , 2017, , .		6
112	Power spectral density and KNN based adaboost classifier for epilepsy classification from EEG. , 2017, , .		8
113	Oral cancer classification from hybrid ABC-PSO and Bayesian LDA. , 2017, , .		6
114	Application of thresholding in correlation dimension for alcoholic risk level detection in EEG signals. , 2017, , .		4
115	Analyzing dimensionality reduction with softmax discriminant classifier for epilepsy classification. , 2017, , .		1
116	Bayesian linear discriminant analysis for breast cancer classification. , 2017, , .		18
117	Performance analysis of particle swarm optimization technique in classification of dementia using MRI images. , 2017, , .		6
118	Power spectral density with correlation dimension for epilepsy classification from EEG signals. , 2017, , .		2
119	Softmax discriminant classifier for detection of risk levels in alcoholic EEG signals. , 2017, , .		7
120	Visualizing local linear embedding and fast ICA with linear neural networks for epilepsy classification. , 2017, , .		2
121	Time frequency analysis (dB2 and dB4) for epilepsy classification with LDA classifier. , 2017, , .		7
122	Epilepsy classification using fuzzy optimization and Kernel Fisher discriminant analysis. , 2017, , .		2
123	An approach to classification of oral cancer using Softmax Discriminant Classifier. , 2017, , .		6
124	Code converters methodology with kernel maximum uncertainty discriminant analysis for epilepsy classification. , 2017, , .		1
125	Bayesian linear discriminant analysis with hybrid ABC-PSO classifier for classifying epilepsy from EEG signals. , 2017, , .		5
126	Comparison of Isomap and matrix factorization with mahalanobis based sparse representation classifier for epilepsy classification from EEG signals. , 2017, , .		6

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127	Optimization of fuzzy outputs for classification of epilepsy from EEG signals using linear discriminant analysis. , 2017, , .		1
128	Metric multidimensional scaling and aggregation operators for classifying epilepsy from EEG signals. , 2017, , .		3
129	Hilbert transform with Elman backpropagation and multilayer perceptrons for epilepsy classification. , 2017, , .		6
130	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
131	Development of Patient Remote Monitoring System for Epilepsy Classification. IFMBE Proceedings, 2017, , 80-87.	0.2	9
132	Performance Comparison of Oral Cancer Classification with Gaussian Mixture Measures and Multi Layer Perceptron. IFMBE Proceedings, 2017, , 123-129.	0.2	13
133	A Comprehensive Analysis on Breast Cancer Classification with Radial Basis Function and Gaussian Mixture Model. IFMBE Proceedings, 2017, , 21-27.	0.2	5
134	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
135	Performance Analysis of GMM Classifier for Classification of Normal and Abnormal Segments in PPG Signals. IFMBE Proceedings, 2017, , 73-79.	0.2	1
136	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
137	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
138	Factor analysis, Hessian Local Linear Embedding and Isomap for epilepsy classification from EEG. , 2016, , .		15
139	Code Converters with City Block Distance Measures for Classifying Epilepsy from EEG Signals. Procedia Computer Science, 2016, 87, 5-11.	1.2	18
140	Performance analysis and detection of micro calcification in digital mammograms using wavelet features. , 2016, , .		36
141	Earlier detection of cancer regions from MR image features and SVM classifiers. International Journal of Imaging Systems and Technology, 2016, 26, 196-208.	2.7	19
142	Performance analysis of KNN classifier and K-means clustering for robust classification of epilepsy from EEG signals. , 2016, , .		31
143	Cascaded feed forward neural networks and generalized regression for epilepsy risk level classification â€" A study. , 2016, , .		6
144	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

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145	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
146	Test Data Compression and Power Reduction Using Similarity Based Reordering Technique for Wireless Systems. Wireless Personal Communications, 2016, 90, 713-728.	1.8	2
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 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
149	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
150	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
151	Morphological operator based feature extraction technique along with suitable post classifiers for epilepsy risk level classification. , 2015, , .		6
152	PCA and K-means clustering for classification of epilepsy risk levels from EEG signals â€" A comparitive study between them. , 2015, , .		11
153	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
154	A different approach to epilepsy risk level classification utilizing various distance measures as post classifiers. , 2015, , .		11
155	An efficient classification of epilepsy risk levels from EEG signals using hard thresholding computation applied to code converters. , 2015, , .		10
156	GMM better than SRC for classifying epilepsy risk levels from EEG signals. , 2015, , .		12
157	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
158	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
159	A novel combination of code converters and sparse representation classifiers for an efficient epilepsy risk level classification. , 2015, , .		7
160	Enhancement of Fuzzy Controlled Photovoltaicâ€"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
161	Performance analysis of neural networks for classification of medical images with wavelets as a feature extractor. International Journal of Imaging Systems and Technology, 2015, 25, 33-40.	2.7	38
162	A real time experimental setup for classification of epilepsy risk levels. Applied Soft Computing Journal, 2015, 35, 493-501.	4.1	2

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163	A Comprehensive Review on Photoplethysmography and Its Application for Heart Rate Turbulence Clinical Diagnosis. Advanced Science Letters, 2015, 21, 3602-3604.	0.2	6
164	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
165	Dimensionality Reduction Techniques for Processing Epileptic Encephalographic Signals. Biomedical and Pharmacology Journal, 2015, 8, 103-106.	0.2	20
166	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
167	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
168	An Efficient System for Palm Print Recognition Using Ridges. , 2014, , .		9
169	Wavelets and Morphological Operators Based Classification of Epilepsy Risk Levels. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	9
170	A dynamic overlay approach for mobility maintenance in personal communication networks. Peer-to-Peer Networking and Applications, 2014, 7, 118-128.	2.6	5
171	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
172	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
173	Ad hoc node connectivity improvement analysis â€“ Why not through mesh clients?. Computers and Electrical Engineering, 2014, 40, 473-483.	3.0	7
174	A Localized Computing Approach for Connectivity Improvement Analysis in Wireless Personal Networks. Wireless Personal Communications, 2013, 72, 2867-2883.	1.8	3
175	Performance evaluation of a fuzzy processor. , 2013, , .		0
176	Comprehensive analysis of LPGâ€PCA algorithms in denoising and deblurring of medical images. International Journal of Imaging Systems and Technology, 2013, 23, 157-170.	2.7	1
177	FPGA implementation of Wavelet Neural Network for epileptic seizure detection. IEICE Electronics Express, 2013, 10, 20130848-20130848.	0.3	1
178	Performance analysis of SVD and K-means clustering for optimization of fuzzy outputs in classification of epilepsy risk level from EEG signals. , 2012, , .		2
179	FPGA Synthesis of SIRM Fuzzy System-Classification Of Diabetic Epilepsy Risk Level. Procedia Engineering, 2012, 38, 391-404.	1.2	0
180	Performance analysis of LPG PCA algorithm in medical images. , 2012, , .		1

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181	A new distributed architecture for connectivity analysis in wireless networks. Procedia Engineering, 2012, 30, 394-401.	1.2	4
182	Performance analysis of hybrid robust automatic speech recognition system. , 2012, , .		3
183	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
184	Performance analysis of SVD and Support Vector Machines for optimization of fuzzy outputs in classification of epilepsy risk level from EEG signals. , 2011, , .		5
185	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
186	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
187	FPGA Implementation of Fuzzy (PD&PID) Controller for Insulin Pumps in Diabetes. IFMBE Proceedings, 2009, , 370-373.	0.2	1
188	Fuzzy techniques and hierarchical aggregation functions decision trees for the classification of epilepsy risk levels from EEG signals. , 2008, , .		6
189	VLSI Synthesis of Heterogeneous and SIRM Fuzzy System for Classification of Diabetic Epilepsy Risk Levels. , 2008, , .		1
190	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
191	Genetic Algorithm for Classification of Epilepsy Risk Levels from EEG Signals. , 2005, , .		5
192	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
193	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
194	Frequency behaviours of electroencephalography signals in epileptic patients from a wavelet thresholding perspective. Applied Mathematical Sciences, 0, 9, 2451-2457.	0.0	12
195	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
196	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
197	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
198	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

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199	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