

# CITATION REPORT

List of articles citing

## Tunable-Q Wavelet Transform Based Multiscale Entropy Measure for Automated Classification of Epileptic EEG Signals

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#	Paper	IF	Citations
178	CLASSIFICATION OF FOCAL AND NONFOCAL EEG SIGNALS USING FEATURES DERIVED FROM FOURIER-BASED RHYTHMS. <b>2017</b> , 17, 1740002		35
177	A NOVEL APPROACH TO DETECT EPILEPTIC SEIZURES USING A COMBINATION OF TUNABLE-Q WAVELET TRANSFORM AND FRACTAL DIMENSION. <b>2017</b> , 17, 1740003		65
176	Classification of EEG signals for epileptic seizures using hybrid artificial neural networks based wavelet transforms and fuzzy relations. <i>Expert Systems With Applications</i> , <b>2017</b> , 88, 419-434	7.8	50
175	A novel approach for time-frequency localization of scaling functions and design of three-band biorthogonal linear phase wavelet filter banks. <b>2017</b> , 69, 309-322		33
174	Classification of seizure and non-seizure EEG signals based on EMD-TQWT method. <b>2017</b> ,		11
173	Automated identification of epileptic seizure EEG signals using empirical wavelet transform based Hilbert marginal spectrum. <b>2017</b> ,		12
172	Automated identification system for seizure EEG signals using tunable-Q wavelet transform. <b>2017</b> , 20, 1486-1493		9
171	. <b>2017</b> ,		2
170	Generalized Stockwell transform and SVD-based epileptic seizure detection in EEG using random forest. <b>2018</b> , 38, 519-534		39
169	An automated system for epilepsy detection using EEG brain signals based on deep learning approach. <i>Expert Systems With Applications</i> , <b>2018</b> , 107, 61-71	7.8	232
168	A Novel Signal Modeling Approach for Classification of Seizure and Seizure-Free EEG Signals. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2018</b> , 26, 925-935	4.8	74
167	Robust detection of epileptic seizures based on L1-penalized robust regression of EEG signals. <i>Expert Systems With Applications</i> , <b>2018</b> , 104, 153-167	7.8	27
166	FourierBessel series expansion based empirical wavelet transform for analysis of non-stationary signals. <b>2018</b> , 78, 185-196		94
165	Time-Frequency Analysis of Electrostatic Discharge Signal Based on Wavelet Transform. <b>2018</b> ,		
164	Entropy based features in FAWT framework for automated detection of epileptic seizure EEG signals. <b>2018</b> ,		3
163	Parallel Implementation on GPU for EEG Artifact Rejection by Combining FastICA and TQWT. <b>2018</b> ,		1
162	Endogenous Chemiluminescence from Germinating Arabidopsis Thaliana Seeds. <b>2018</b> , 8, 16231		9

161	Focal and Non-Focal Epilepsy Localization: A Review. <b>2018</b> , 6, 49306-49324		29
160	Application of TQWT based filter-bank for sleep apnea screening using ECG signals. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2018</b> , 1	3-7	22
159	A new feature for the classification of non-stationary signals based on the direction of signal energy in the time-frequency domain. <i>Computers in Biology and Medicine</i> , <b>2018</b> , 100, 10-16	7	13
158	Dynamic Mode Decomposition Based Epileptic Seizure Detection from Scalp EEG. <b>2018</b> , 6, 38683-38692		42
157	MMSFL-OWFB: A novel class of orthogonal wavelet filters for epileptic seizure detection. <b>2018</b> , 160, 265-277		58
156	Denosing Sparse Autoencoder-Based Ictal EEG Classification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2018</b> , 26, 1717-1726	4-8	33
155	Fast statistical model-based classification of epileptic EEG signals. <b>2018</b> , 38, 877-889		16
154	Neural modulation in action video game players during inhibitory control function: An EEG study using discrete wavelet transform. <i>Biomedical Signal Processing and Control</i> , <b>2018</b> , 45, 144-150	4-9	10
153	. <b>2018</b> , 6, 29132-29145		13
152	Epilepsy Detection in EEG Signal using Recurrent Neural Network. <b>2019</b> ,		7
151	Epileptic seizure identification using entropy of FBSE based EEG rhythms. <i>Biomedical Signal Processing and Control</i> , <b>2019</b> , 53, 101569	4-9	62
150	Exploring Hermite transformation in brain signal analysis for the detection of epileptic seizure. <b>2019</b> , 13, 35-41		38
149	Performance Evaluation of Discrete Wavelet Transform, and Wavelet Packet Decomposition for Automated Focal and Generalized Epileptic Seizure Detection. <b>2019</b> , 1-21		4
148	Spectral information of EEG signals with respect to epilepsy classification. <b>2019</b> , 2019,		35
147	Computational intelligence techniques for medical diagnosis and prognosis: Problems and current developments. <b>2019</b> , 39, 638-672		18
146	Simultaneous Human Health Monitoring and Time-Frequency Sparse Representation Using EEG and ECG Signals. <b>2019</b> , 7, 85985-85994		8
145	Localization of Epileptic Foci by Using Convolutional Neural Network Based on iEEG. <b>2019</b> , 331-339		4
144	Epilepsy Detection by Using Scalogram Based Convolutional Neural Network from EEG Signals. <b>2019</b> , 9,		54

143	ACCURATE DETECTION OF SEIZURE USING NONLINEAR PARAMETERS EXTRACTED FROM EEG SIGNALS. <b>2019</b> , 19, 1940004		5
142	A Novel Method for Early Gear Pitting Fault Diagnosis Using Stacked SAE and GBRBM. <i>Sensors</i> , <b>2019</b> , 19,	3.8	11
141	Discrete Wavelet Transform and Sample Entropy-Based EEG Dimensionality Reduction for Electroencephalogram classification. <b>2019</b> ,		2
140	Classification of Hepatitis Viruses from Sequencing Chromatograms Using Multiscale Permutation Entropy and Support Vector Machines. <b>2019</b> , 21, 1149		1
139	A Study on Signal Complexity Measurement for Epileptic Seizure Detection. <b>2019</b> ,		3
138	Redundancy Removed Dual-Tree Discrete Wavelet Transform to Construct Compact Representations for Automated Seizure Detection. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 5215	2.6	6
137	Gray-level co-occurrence matrix of Fourier synchro-squeezed transform for epileptic seizure detection. <b>2019</b> , 39, 87-99		25
136	Detection of epileptic seizure employing a novel set of features extracted from multifractal spectrum of electroencephalogram signals. <b>2019</b> , 13, 157-164		15
135	A multi-channel approach for cortical stimulation artefact suppression in depth EEG signals using time-frequency and spatial filtering. <b>2018</b> ,		14
134	A feature extraction technique based on tunable Q-factor wavelet transform for brain signal classification. <b>2019</b> , 312, 43-52		50
133	Cross-wavelet transform as a new prototype for classification of EEG signals. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2019</b> , 7, 348-358	0.9	3
132	Automated classification of hand movements using tunable-Q wavelet transform based filter-bank with surface electromyogram signals. <b>2019</b> , 93, 96-110		29
131	Automated eye blink artefact removal from EEG using support vector machine and autoencoder. <b>2019</b> , 13, 141-148		19
130	Nonconvulsive Epileptic Seizure Detection in Scalp EEG Using Multiway Data Analysis. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 660-671	7.2	23
129	Epileptic seizure recognition using EEG wavelet decomposition based on nonlinear and statistical features with support vector machine classification. <b>2020</b> , 65, 133-148		8
128	Epileptic seizure detection on EEG signals using machine learning techniques and advanced preprocessing methods. <b>2020</b> , 65, 33-50		11
127	A hybrid feature extraction and machine learning approaches for epileptic seizure detection. <b>2020</b> , 31, 503-525		6
126	Identification of epileptic seizures in EEG signals using time-scale decomposition (ITD), discrete wavelet transform (DWT), phase space reconstruction (PSR) and neural networks. <b>2020</b> , 53, 3059-3088		13

125	Seizure detection in EGG signal with novel optimization algorithm for selecting optimal thresholded offset Gaussian feature. <i>Biomedical Signal Processing and Control</i> , <b>2020</b> , 56, 101708	4.9	4
124	Adaptation of Common Spatial Patterns based on mental fatigue for motor-imagery BCI. <i>Biomedical Signal Processing and Control</i> , <b>2020</b> , 58, 101829	4.9	10
123	Convolutional neural networks. <b>2020</b> , 173-191		13
122	An efficient error-minimized random vector functional link network for epileptic seizure classification using VMD. <i>Biomedical Signal Processing and Control</i> , <b>2020</b> , 57, 101787	4.9	19
121	A Tunable-Q wavelet transform and quadruple symmetric pattern based EEG signal classification method. <b>2020</b> , 134, 109519		29
120	Automated epileptic seizure waveform detection method based on the feature of the mean slope of wavelet coefficient counts using a hidden Markov model and EEG signals. <b>2020</b> , 42, 217-229		7
119	A Novel Blending Hilbert -Kolmogorov Approach for Epileptic Seizures detection. <b>2020</b> ,		
118	A machine learning approach to epileptic seizure prediction using Electroencephalogram (EEG) Signal. <b>2020</b> , 40, 1328-1341		18
117	MNL-Network: A Multi-Scale Non-local Network for Epilepsy Detection From EEG Signals. <b>2020</b> , 14, 870		6
116	A novel approach for classification of mental tasks using multiview ensemble learning (MEL). <b>2020</b> , 417, 558-584		8
115	Automatic Identification of Epileptic Seizures From EEG Signals Using Sparse Representation-Based Classification. <b>2020</b> , 8, 138834-138845		8
114	. <b>2020</b> ,		0
113	Seizures classification based on higher order statistics and deep neural network. <i>Biomedical Signal Processing and Control</i> , <b>2020</b> , 59, 101921	4.9	33
112	Comparison of empirical mode decomposition and coarse-grained procedure for detecting pre-ictal and ictal condition in electroencephalography signal. <b>2020</b> , 19, 100325		6
111	Classification of Epileptic IEEG Signals by CNN and Data Augmentation. <b>2020</b> ,		5
110	Automatic Seizure Detection using Fully Convolutional Nested LSTM. <b>2020</b> , 30, 2050019		43
109	EEG-Rhythm Specific Taylor-Bourier Filter Bank Implemented With O-Splines for the Detection of Epilepsy Using EEG Signals. <b>2020</b> , 20, 6542-6551		34
108	Application of 1-D CNN to Predict Epileptic Seizures using EEG Records. <b>2020</b> ,		1

107	Modified-Distribution Entropy as the Features for the Detection of Epileptic Seizures. <b>2020</b> , 11, 607		9
106	Identification of Epileptic EEG Signals Using Convolutional Neural Networks. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4089	2.6	23
105	Adaptive boost LS-SVM classification approach for time-series signal classification in epileptic seizure diagnosis applications. <i>Expert Systems With Applications</i> , <b>2020</b> , 161, 113676	7.8	29
104	Classification of epileptic EEG signals using PSO based artificial neural network and tunable-Q wavelet transform. <b>2020</b> , 40, 709-728		25
103	Classification Epileptic Seizures in EEG Using Time-Frequency Image and Block Texture Features. <b>2020</b> , 8, 9770-9781		10
102	A Novel Deep Neural Network for Robust Detection of Seizures Using EEG Signals. <b>2020</b> , 2020, 9689821		32
101	A comprehensive comparison of handcrafted features and convolutional autoencoders for epileptic seizures detection in EEG signals. <i>Expert Systems With Applications</i> , <b>2021</b> , 163, 113788	7.8	35
100	A novel statistical decimal pattern-based surface electromyogram signal classification method using tunable q-factor wavelet transform. <b>2021</b> , 25, 1085-1098		1
99	A Novel Multivariate-Multiscale Approach for Computing EEG Spectral and Temporal Complexity for Human Emotion Recognition. <b>2021</b> , 21, 3579-3591		32
98	Detection of Epileptic Seizure EEG Signal Using Multiscale Entropies and Complete Ensemble Empirical Mode Decomposition. <b>2021</b> , 116, 845-864		11
97	Artificial Intelligence in Epilepsy. <b>2021</b> , 69, 560-566		3
96	Cognitive Computation and Systems. <b>2021</b> , 17-34		
95	Epileptic Seizure Detection Using Tunable Q-Factor Wavelet Transform and Machine Learning. <b>2021</b> , 78-85		0
94	Dual stream neural networks for brain signal classification. <b>2020</b> ,		0
93	Analysis of EEG Signals Contaminated With Motion Artifacts Using Multiscale Modified-Distribution Entropy. <b>2021</b> , 9, 33911-33921		3
92	An Overview of EEG Seizure Detection Units and Identifying their Complexity- A Review. <b>2021</b> , 15, 234-242		3
91	Detection of focal and non-focal EEG signals using non-linear features derived from empirical wavelet transform rhythms. <i>Physical and Engineering Sciences in Medicine</i> , <b>2021</b> , 44, 157-171	7	9
90	Rule-Based EEG Classifier Utilizing Local Entropy of Time-Frequency Distributions. <b>2021</b> , 9, 451		2

89	An automated classification of EEG signals based on spectrogram and CNN for epilepsy diagnosis. <b>2021</b> , 108, 101-110		6
88	Detection of Parkinson's disease using automated tunable Q wavelet transform technique with EEG signals. <b>2021</b> , 41, 679-689		11
87	Stability Analysis of Multiscale Bubble Entropy and Power Metric based Seizure Detection Technique with MLA. 1-12		1
86	Hybrid Convolutional Neural Network for Localization of Epileptic Focus Based on iEEG. <b>2021</b> , 2021, 6644365		1
85	Epileptic Seizures Detection Using Deep Learning Techniques: A Review. <b>2021</b> , 18,		59
84	An instantaneous frequency and group delay based feature for classifying EEG signals. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 67, 102562	4.9	5
83	Effective epileptic seizure detection by using level-crossing EEG sampling sub-bands statistical features selection and machine learning for mobile healthcare. <b>2021</b> , 203, 106034		11
82	A novel automated seizure detection system from EMD-MSPCA denoised EEG: Refined composite multiscale sample, fuzzy and permutation entropies based scheme. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 67, 102514	4.9	4
81	Results of quantitative EEG analysis are associated with autism spectrum disorder and development abnormalities in infants with tuberous sclerosis complex. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 68, 102658	4.9	1
80	Epileptic seizure detection using novel Multilayer LSTM Discriminant Network and dynamic mode Koopman decomposition. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 68, 102723	4.9	2
79	EEG Signal Connectivity for Characterizing Interictal Activity in Patients With Mesial Temporal Lobe Epilepsy. <b>2021</b> , 12, 673559		0
78	Detection of ADHD From EEG Signals Using Different Entropy Measures and ANN. <i>Clinical EEG and Neuroscience</i> , <b>2022</b> , 53, 12-23	2.3	6
77	Exploiting Feature Selection and Neural Network Techniques for Identification of Focal and Nonfocal EEG Signals in TQWT Domain. <i>Journal of Healthcare Engineering</i> , <b>2021</b> , 2021, 6283900	3.7	7
76	Automatic epileptic seizure detection approach based on multi-stage Quantized Kernel Least Mean Square filters. <i>Biomedical Signal Processing and Control</i> , <b>2021</b> , 70, 103031	4.9	3
75	LungAttn: advanced lung sound classification using attention mechanism with dual TQWT and triple STFT spectrogram. <i>Physiological Measurement</i> , <b>2021</b> , 42,	2.9	2
74	Automated FBSE-EWT based learning framework for detection of epileptic seizures using time-segmented EEG signals. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 136, 104708	7	8
73	FPGA implementation of epileptic seizure detection using semisupervised reduced deep convolutional neural network. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 110, 107639	7.5	3
72	Selection of optimal wavelet features for epileptic EEG signal classification with LSTM. <i>Neural Computing and Applications</i> , 1	4.8	9

71	Seizure Onset Detection Using Empirical Mode Decomposition and Common Spatial Pattern. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2021</b> , 29, 458-467	4.8	13
70	Hybrid Multi-Channel EEG Filtering Method for Ocular and Muscular Artifact Removal Based on the 3D Spline Interpolation Technique. <i>Computer Journal</i> ,	1.3	1
69	Convolution Neural Network Recognition of Epileptic Foci Based on Composite Signal Processing of Electroencephalograph Data. <i>Procedia Computer Science</i> , <b>2021</b> , 192, 688-696	1.6	0
68	Developing a Tunable Q-Factor Wavelet Transform Based Algorithm for Epileptic EEG Feature Extraction. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 45-55	0.9	4
67	Optimal Design of Three-Band Orthogonal Wavelet Filter Bank with Stopband Energy for Identification of Epileptic Seizure EEG Signals. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 197-207	0.4	3
66	Identification of Epileptic Seizures from Scalp EEG Signals Based on TQWT. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 209-221	0.4	6
65	Computer-Aided Diagnosis of Epilepsy Using Bispectrum of EEG Signals. <b>2019</b> , 197-220		2
64	Automated Detection of Seizure and Nonseizure EEG Signals Using Two Band Biorthogonal Wavelet Filter Banks. <i>Series in Bioengineering</i> , <b>2020</b> , 137-155	0.7	4
63	Automated Identification of Epileptic Seizures from EEG Signals Using FBSE-EWT Method. <i>Series in Bioengineering</i> , <b>2020</b> , 157-179	0.7	6
62	Univariate Feature Selection Techniques for Classification of Epileptic EEG Signals. <i>Lecture Notes in Bioengineering</i> , <b>2021</b> , 345-365	0.8	1
61	Classification of epileptic electroencephalogram signals using tunable-Q wavelet transform based filter-bank. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1	3.7	11
60	SeizureNet: a model for robust detection of epileptic seizures based on convolutional neural network. <i>Cognitive Computation and Systems</i> , <b>2020</b> , 2, 119-124	1.2	7
59	Epileptical Seizure Detection: Performance analysis of gamma band in EEG signal Using Short-Time Fourier Transform. <b>2019</b> ,		8
58	fNIRS improves seizure detection in multimodal EEG-fNIRS recordings. <i>Journal of Biomedical Optics</i> , <b>2019</b> , 24, 1-9	3.5	20
57	Detecting Brain Tumor using Machines Learning Techniques Based on Different Features Extracting Strategies. <i>Current Medical Imaging</i> , <b>2019</b> , 15, 595-606	1.2	16
56	Sensing and Monitoring of Epileptical Seizure Under IoT Platform. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , <b>2020</b> , 201-223	0.3	4
55	Balanced Communication-Avoiding Support Vector Machine when Detecting Epilepsy based on EEG Signals. <i>Engineering, Technology &amp; Applied Science Research</i> , <b>2020</b> , 10, 6462-6468	1	5
54	Deep learning approach to detect seizure using reconstructed phase space images. <i>Journal of Biomedical Research</i> , <b>2020</b> , 34, 240-250	1.5	19



53	A robust framework epileptic seizures classification based on lightweight structure deep convolutional neural network and wavelet decomposition. <b>2020</b> ,		
52	Optimisation of deep neural networks for identification of epileptic abnormalities from electroencephalogram signals. <i>Heliyon</i> , <b>2020</b> , 6, e05694	3.6	
51	Recognition of lower limb movements using empirical mode decomposition and k-nearest neighbor entropy estimator with surface electromyogram signals. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 71, 103198	4.9	1
50	Classification of Epileptic Seizure in EEG Signal Using Support Vector Machine and EMD. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , <b>2020</b> , 80-95	0.3	1
49	A Multiclass Classification of Epileptic Activity in Patients Using Wavelet Decomposition. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 413-426	0.4	
48	Automated Seizure Classification Using Deep Neural Network Based on Autoencoder. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , <b>2020</b> , 1-19	0.3	2
47	An efficient epileptic seizure classification system using empirical wavelet transform and multi-fuse reduced deep convolutional neural network with digital implementation. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 72, 103281	4.9	1
46	Epileptic Seizures Detection in EEG Signals Using Fusion Handcrafted and Deep Learning Features. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
45	Epileptic Seizure Classification Using Level-Crossing EEG Sampling and Ensemble of Sub-problems Classifier. <i>Expert Systems With Applications</i> , <b>2021</b> , 116356	7.8	3
44	An Automatic Method for Epileptic Seizure Detection Based on Deep Metric Learning.. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , PP,	7.2	2
43	Detection of epileptic seizures on EEG signals using ANFIS classifier, autoencoders and fuzzy entropies. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 73, 103417	4.9	12
42	An Effective Fuzzy Support Vector Machine based Seizure Detection Model using EEG Signals. <b>2020</b> ,		0
41	Complexity Based Multilevel Signal Analysis for Epileptic Seizure Detection. <b>2020</b> ,		0
40	WTRPNet: An Explainable Graph Feature Convolutional Neural Network for Epileptic EEG Classification. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2021</b> , 17, 1-18	3.4	2
39	Epileptic-Net: An Improved Epileptic Seizure Detection System Using Dense Convolutional Block with Attention Network from EEG.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	0
38	Detecting epilepsy in EEG signals using synchro-extracting-transform (SET) supported classification technique. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1	3.7	
37	An Edge-Fog Computing Enabled Lossless EEG Data Compression with Epileptic Seizure Detection in IoMT Networks. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	4
36	SASDL and RBATQ: Sparse Autoencoder with Swarm based Deep Learning and Reinforcement based Q-learning for EEG Classification. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , <b>2022</b> , 1-1	5.9	1

35	A Review on EEG based Epileptic Seizures Detection using Deep Learning Techniques. <b>2022</b> ,		0
34	An intelligent epilepsy seizure detection system using adaptive mode decomposition of EEG signals.. <i>Physical and Engineering Sciences in Medicine</i> , <b>2022</b> , 45, 261	7	0
33	Application of local configuration pattern for automated detection of schizophrenia with electroencephalogram signals. <i>Expert Systems</i> ,	2.1	0
32	Mental Workload Classification of Oceanauts from EEG Data Using Multiclass Support Vector Machines.		
31	A novel method for EEG based automated eyes state classification using recurrence plots and machine learning approach. <i>Concurrency Computation Practice and Experience</i> ,	1.4	0
30	Hierarchical Harris hawks optimization for epileptic seizure classification.. <i>Computers in Biology and Medicine</i> , <b>2022</b> , 145, 105397	7	3
29	Improved Sparse Representation based Robust Hybrid Feature Extraction Models with Transfer and Deep Learning for EEG Classification. <i>Expert Systems With Applications</i> , <b>2022</b> , 198, 116783	7.8	0
28	Peri-ictal and non-seizure EEG event detection using generated metadata. <i>Expert Systems</i> ,	2.1	0
27	Classification of Raw Electroencephalogram Signals for Diagnosis of Epilepsy Using Functional Connectivity. <i>IFMBE Proceedings</i> , <b>2022</b> , 1985-1991	0.2	
26	2D-DOST for seizure identification from brain MRI during pregnancy using KRVFL. <i>Health and Technology</i> , 1	2.1	
25	Real-Time Epileptic Seizure Detection using Machine Learning Techniques. <b>2022</b> ,		
24	Improved ensemble learning model with optimal feature selection for automated epileptic seizure detection. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 1-31	0.9	1
23	Detection of Epilepsy using Wavelet Packet Sub-bands from EEG Signals. <i>Smart Innovation, Systems and Technologies</i> , <b>2022</b> , 302-310	0.5	
22	An EEG based real-time epilepsy seizure detection approach using discrete wavelet transform and machine learning methods. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 77, 103820	4.9	2
21	Wavelet-Based Multi-Class Seizure Type Classification System. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 5702	2.6	0
20	Basis pursuit sparse decomposition using tunable-Q wavelet transform (BPSD-TQWT) for denoising of electrocardiograms. <i>Physical and Engineering Sciences in Medicine</i> ,	7	0
19	Spatial-temporal seizure detection with graph attention network and bi-directional LSTM architecture. <i>Biomedical Signal Processing and Control</i> , <b>2022</b> , 78, 103908	4.9	1
18	Review of Machine and Deep Learning Techniques in Epileptic Seizure Detection using Physiological Signals and Sentiment Analysis.		0

- 17 Epileptic Seizures Diagnosis Using Amalgamated Extremely Focused EEG Signals and Brain MRI. **2023**, 74, 623-639 ○
- 16 Detection and Classification of ADHD from EEG Signals Using Tunable Q-Factor Wavelet Transform. **2022**, 2022, 1-17 ○
- 15 A medium-weight deep convolutional neural network-based approach for onset epileptic seizures classification in EEG signals. ○
- 14 Seizure onset zone classification based on imbalanced iEEG with data augmentation. ○
- 13 Graph-generative neural network for EEG-based epileptic seizure detection via discovery of dynamic brain functional connectivity. **2022**, 12, ○
- 12 An Intelligent Method for Epilepsy Seizure Detection Based on Hybrid Nonlinear EEG Data Features Using Adaptive Signal Decomposition Methods. ○
- 11 Seizure detection using integrated metaheuristic algorithm based ensemble extreme learning machine. **2022**, 100617 ○
- 10 Machine learning and deep learning approach for medical image analysis: diagnosis to detection. ○
- 9 A Rule-Based Classifier to Detect Seizures in EEG Signals. ○
- 8 Quantifying Functional Connectivity Network Through Synchronization and Graph Theory Approaches for Seizure Prediction. ○
- 7 Epileptic seizure prediction and classification based on statistical features using LSTM fully connected neural network. **2023**, 1-18 ○
- 6 Real-time epilepsy seizure detection based on EEG using tunable-Q wavelet transform and convolutional neural network. **2023**, 82, 104566 ○
- 5 Epileptic EEG Identification Based on Dual Q-Factor Signal Decomposition (DQSD), Fast and Adaptive Multivariate Empirical Mode Decomposition (FA-MVEMD) and Neural Networks. ○
- 4 Adaptive rate EEG processing and machine learning-based efficient recognition of epilepsy. **2023**, 341-373 ○
- 3 Automatic detection method of epileptic seizures based on IRCMDE and PSO-SVM. **2023**, 20, 9349-9363 ○
- 2 Recurrence Plot-Assisted Detection of Focal/Non-focal EEG Signals Using Ensemble Deep Features. **2023**, 43, 176-184 ○
- 1 Unsupervised feature learning based on autoencoder for epileptic seizures prediction. ○