ASharmila

List of Publications by Year
in descending order

15 papers	448 citations	1162889 8 h-index	1281743 11 g-index
15 all docs	15 docs citations	15 times ranked	485 citing authors

#	Article	IF	Citations
1	On the Use of Wavelet Domain and Machine Learning for the Analysis of Epileptic Seizure Detection from EEG Signals. Journal of Healthcare Engineering, 2022, 2022, 1-16.	1.1	22
2	Epileptic seizure detection using DWT-based approximate entropy, Shannon entropy and support vector machine: a case study. Journal of Medical Engineering and Technology, 2018, 42, 1-8.	0.8	43
3	Epileptic Seizure Detection from EEG Signals Using Best Feature Subsets Based on Estimation of Mutual Information for Support Vector Machines and NaÃ¯ve Bayes Classifiers. Lecture Notes in Electrical Engineering, 2018, , 585-593.	0.3	1
4	A case study on Discrete Wavelet Transform based Hurst exponent for epilepsy detection. Journal of Medical Engineering and Technology, 2018, 42, 9-17.	0.8	19
5	Evaluation of time domain features using best feature subsets based on mutual information for detecting epilepsy. Journal of Medical Engineering and Technology, 2018, 42, 487-500.	0.8	2
6	Epilepsy detection from EEG signals: a review. Journal of Medical Engineering and Technology, 2018, 42, 368-380.	0.8	37
7	Effect of filtering with time domain features for the detection of epileptic seizure from EEG signals. Journal of Medical Engineering and Technology, 2018, 42, 217-227.	0.8	14
8	Reduction of Fault Detection Time by Using Fast S-Transform (FST). Lecture Notes in Electrical Engineering, 2018, , 665-671.	0.3	0
9	Power optimisation for wearable heart rate measurement device with wireless charging. Journal of Medical Engineering and Technology, 2017, 41, 288-297.	0.8	5
10	Design and Development of a Speech therapy Module Using Signal Processing Techniques. Energy Procedia, 2017, 117, 901-908.	1.8	0
11	Wavelet-based feature extraction for classification of epileptic seizure EEG signal. Journal of Medical Engineering and Technology, 2017, 41, 670-680.	0.8	33
12	Automatic detection of drowsiness in EEG records based on time analysis. , 2017, , .		5
13	Wireless charging for low power applications using Qi standard. , 2016, , .		11
14	DWT Based Detection of Epileptic Seizure From EEG Signals Using Naive Bayes and k-NN Classifiers. IEEE Access, 2016, 4, 7716-7727.	2.6	243
15	Detection of Epileptic Seizure from Electroencephalogram Signals Based on Feature Ranking and Best Feature Subset Using Mutual Information Estimation. Journal of Medical Imaging and Health Informatics, 2016, 6, 1850-1864.	0.2	13