Ahnaf Rashik Hassan

List of Publications by Year
in descending order

29 papers	2,528 citations	516561 16 h-index	940416 16 g-index
29 all docs	29 docs citations	29 times ranked	1631 citing authors

#	Article	IF	Citations
1	Computer-aided sleep staging using Complete Ensemble Empirical Mode Decomposition with Adaptive Noise and bootstrap aggregating. Biomedical Signal Processing and Control, 2016, 24, 1-10.	3.5	234
2	Automated identification of sleep states from EEG signals by means of ensemble empirical mode decomposition and random under sampling boosting. Computer Methods and Programs in Biomedicine, 2017, 140, 201-210.	2.6	205
3	A decision support system for automatic sleep staging from EEG signals using tunable Q-factor wavelet transform and spectral features. Journal of Neuroscience Methods, 2016, 271, 107-118.	1.3	204
4	Epileptic seizure detection in EEG signals using tunable-Q factor wavelet transform and bootstrap aggregating. Computer Methods and Programs in Biomedicine, 2016, 137, 247-259.	2.6	195
5	Automatic sleep scoring using statistical features in the EMD domain and ensemble methods. Biocybernetics and Biomedical Engineering, 2016, 36, 248-255.	3.3	194
6	A decision support system for automated identification of sleep stages from single-channel EEG signals. Knowledge-Based Systems, 2017, 128, 115-124.	4.0	183
7	Automatic identification of epileptic seizures from EEG signals using linear programming boosting. Computer Methods and Programs in Biomedicine, 2016, 136, 65-77.	2.6	161
8	Sleep stage classification using single-channel EOG. Computers in Biology and Medicine, 2018, 102, 211-220.	3.9	126
9	Computer-aided obstructive sleep apnea detection using normal inverse Gaussian parameters and adaptive boosting. Biomedical Signal Processing and Control, 2016, 29, 22-30.	3.5	120
10	An automated method for sleep staging from EEG signals using normal inverse Gaussian parameters and adaptive boosting. Neurocomputing, 2017, 219, 76-87.	3.5	113
11	An expert system for automated identification of obstructive sleep apnea from single-lead ECG using random under sampling boosting. Neurocomputing, 2017, 235, 122-130.	3.5	109
12	Epilepsy seizure detection using complete ensemble empirical mode decomposition with adaptive noise. Knowledge-Based Systems, 2020, 191, 105333.	4.0	109
13	Computer-aided obstructive sleep apnea screening from single-lead electrocardiogram using statistical and spectral features and bootstrap aggregating. Biocybernetics and Biomedical Engineering, 2016, 36, 256-266.	3.3	89
14	Computer-aided gastrointestinal hemorrhage detection in wireless capsule endoscopy videos. Computer Methods and Programs in Biomedicine, 2015, 122, 341-353.	2.6	88
15	On the classification of sleep states by means of statistical and spectral features from single channel Electroencephalogram. , 2015, , .		57
16	Computer-aided obstructive sleep apnea identification using statistical features in the EMD domain and extreme learning machine. Biomedical Physics and Engineering Express, 2016, 2, 035003.	0.6	50
17	Epilepsy and seizure detection using statistical features in the Complete Ensemble Empirical Mode Decomposition domain. , 2015, , .		42
18	Automatic screening of Obstructive Sleep Apnea from single-lead Electrocardiogram. , 2015, , .		40

#	Article	IF	Citations
19	Effect of photic stimulation for migraine detection using random forest and discrete wavelet transform. Biomedical Signal Processing and Control, 2019, 49, 231-239.	3.5	35
20	A comparative study of various classifiers for automated sleep apnea screening based on single-lead electrocardiogram. , 2015, , .		30
21	Automatic classification of sleep stages from single-channel electroencephalogram. , 2015, , .		29
22	Identification of motor imagery movements from EEG signals using Dual Tree Complex Wavelet Transform. , 2015, , .		29
23	Computer-aided sleep apnea diagnosis from single-lead electrocardiogram using Dual Tree Complex Wavelet Transform and spectral features. , 2015, , .		19
24	Automatic sleep stage classification. , 2015, , .		16
25	Motor imagery movements classification using multivariate EMD and short time Fourier transform. , 2015, , .		13
26	Dual tree complex wavelet transform for sleep state identification from single channel electroencephalogram. , 2015, , .		13
27	Identification of Sleep Apnea from Single-Lead Electrocardiogram. , 2016, , .		11
28	Computerized obstructive sleep apnea diagnosis from single-lead ECG signals using dual-tree complex wavelet transform. , 2017, , .		11
29	Sigmoid Wake Probability Model for High-Resolution Detection of Drowsiness Using Electroencephalogram. , 2019, 2019, 7080-7083.		3