

# Ahnaf Rashik Hassan

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Epilepsy seizure detection using complete ensemble empirical mode decomposition with adaptive noise. Knowledge-Based Systems, 2020, 191, 105333.	4.0	109
2	Sigmoid Wake Probability Model for High-Resolution Detection of Drowsiness Using Electroencephalogram. , 2019, 2019, 7080-7083.		3
3	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
4	Sleep stage classification using single-channel EOG. Computers in Biology and Medicine, 2018, 102, 211-220.	3.9	126
5	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
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	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
8	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
9	Computerized obstructive sleep apnea diagnosis from single-lead ECG signals using dual-tree complex wavelet transform. , 2017, , .		11
10	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
11	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
12	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
13	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
14	Identification of Sleep Apnea from Single-Lead Electrocardiogram. , 2016, , .		11
15	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
16	Automatic sleep scoring using statistical features in the EMD domain and ensemble methods. Biocybernetics and Biomedical Engineering, 2016, 36, 248-255.	3.3	194
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Automatic classification of sleep stages from single-channel electroencephalogram. , 2015, , .		29
20	Motor imagery movements classification using multivariate EMD and short time Fourier transform. , 2015, , .		13
21	Computer-aided sleep apnea diagnosis from single-lead electrocardiogram using Dual Tree Complex Wavelet Transform and spectral features. , 2015, , .		19
22	Dual tree complex wavelet transform for sleep state identification from single channel electroencephalogram. , 2015, , .		13
23	A comparative study of various classifiers for automated sleep apnea screening based on single-lead electrocardiogram. , 2015, , .		30
24	Automatic screening of Obstructive Sleep Apnea from single-lead Electrocardiogram. , 2015, , .		40
25	Automatic sleep stage classification. , 2015, , .		16
26	Epilepsy and seizure detection using statistical features in the Complete Ensemble Empirical Mode Decomposition domain. , 2015, , .		42
27	Identification of motor imagery movements from EEG signals using Dual Tree Complex Wavelet Transform. , 2015, , .		29
28	On the classification of sleep states by means of statistical and spectral features from single channel Electroencephalogram. , 2015, , .		57
29	Computer-aided gastrointestinal hemorrhage detection in wireless capsule endoscopy videos. Computer Methods and Programs in Biomedicine, 2015, 122, 341-353.	2.6	88