

Rajamanickam Yuvaraj

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,362
citations

471477

17
h-index

713444

21
g-index

27
all docs

27
docs citations

27
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep learning approach for Parkinson's disease diagnosis from EEG signals. <i>Neural Computing and Applications</i> , 2020, 32, 10927-10933.	5.6	317
2	Deep Convolutional Neural Network Model for Automated Diagnosis of Schizophrenia Using EEG Signals. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2870.	2.5	194
3	Brain functional connectivity patterns for emotional state classification in Parkinson's disease patients without dementia. <i>Behavioural Brain Research</i> , 2016, 298, 248-260.	2.2	126
4	A novel Parkinson's Disease Diagnosis Index using higher-order spectra features in EEG signals. <i>Neural Computing and Applications</i> , 2018, 30, 1225-1235.	5.6	107
5	Review of Emotion Recognition in Stroke Patients. <i>Dementia and Geriatric Cognitive Disorders</i> , 2013, 36, 179-196.	1.5	77
6	On the analysis of EEG power, frequency and asymmetry in Parkinson's disease during emotion processing. <i>Behavioral and Brain Functions</i> , 2014, 10, 12.	3.3	73
7	Detection of emotions in Parkinson's disease using higher order spectral features from brain's electrical activity. <i>Biomedical Signal Processing and Control</i> , 2014, 14, 108-116.	5.7	65
8	Automated Detection of Interictal Epileptiform Discharges from Scalp Electroencephalograms by Convolutional Neural Networks. <i>International Journal of Neural Systems</i> , 2020, 30, 2050030.	5.2	57
9	Optimal set of EEG features for emotional state classification and trajectory visualization in Parkinson's disease. <i>International Journal of Psychophysiology</i> , 2014, 94, 482-495.	1.0	53
10	Hemispheric asymmetry non-linear analysis of EEG during emotional responses from idiopathic Parkinson's disease patients. <i>Cognitive Neurodynamics</i> , 2016, 10, 225-234.	4.0	33
11	Emotion classification in Parkinson's disease by higher-order spectra and power spectrum features using EEG signals: A comparative study. <i>Journal of Integrative Neuroscience</i> , 2014, 13, 89-120.	1.7	32
12	Automated Adult Epilepsy Diagnostic Tool Based on Interictal Scalp Electroencephalogram Characteristics: A Six-Center Study. <i>International Journal of Neural Systems</i> , 2021, 31, 2050074.	5.2	32
13	Diagnosis of Parkinson's disease from electroencephalography signals using linear and self-similarity features. <i>Expert Systems</i> , 2022, 39, e12472.	4.5	26
14	Bispectral features and mean shift clustering for stress and emotion recognition from natural speech. <i>Computers and Electrical Engineering</i> , 2017, 62, 676-691.	4.8	21
15	A deep Learning Scheme for Automatic Seizure Detection from Long-Term Scalp EEG. , 2018, , .		21
16	EEG-based emotion charting for Parkinson's disease patients using Convolutional Recurrent Neural Networks and cross dataset learning. <i>Computers in Biology and Medicine</i> , 2022, 144, 105327.	7.0	21
17	Inter-hemispheric EEG coherence analysis in Parkinson's disease: Assessing brain activity during emotion processing. <i>Journal of Neural Transmission</i> , 2015, 122, 237-252.	2.8	19
18	Automated EEG pathology detection based on different convolutional neural network models: Deep learning approach. <i>Computers in Biology and Medicine</i> , 2021, 133, 104434.	7.0	18

#	ARTICLE	IF	CITATIONS
19	Deep Learning for Interictal Epileptiform Spike Detection from scalp EEG frequency sub bands. , 2020, 2020, 3703-3706.		14
20	Emotion processing in Parkinson's disease: an EEG spectral power study. International Journal of Neuroscience, 2014, 124, 491-502.	1.6	12
21	The Effect of Lateralization of Motor Onset and Emotional Recognition in PD Patients Using EEG. Brain Topography, 2017, 30, 333-342.	1.8	12
22	EEG dynamics in neurological disorders: Parkinson's disease and stroke. , 2012, , .		8
23	Correlation Analysis of Emotional EEG In Alpha, Beta and Gamma Frequency Bands. Journal of Physics: Conference Series, 2021, 1997, 012029.	0.4	6
24	Detection of Subthalamic Nucleus using Time-Frequency Features of Microelectrode recordings and Random Forest Classifier. , 2019, 2019, 4164-4167.		5
25	Methods and approaches on emotions recognition in neurodegenerative disorders: A review. , 2012, , .		4