Elias Ebrahimzadeh

List of Publications by Year
in descending order

22	568	759055 12	794469 19
papers	citations	h-index	g-index

23	23	23	416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Localizing confined epileptic foci in patients with an unclear focus or presumed multifocality using a component-based EEG-fMRI method. Cognitive Neurodynamics, 2021, 15, 207-222.	2.3	25
2	Localization of Epileptic Foci Based on Simultaneous EEGâ€“fMRI Data. Frontiers in Neurology, 2021, 12, 645594.	1.1	19
3	PREDICTING CLINICAL RESPONSE TO TRANSCRANIAL MAGNETIC STIMULATION IN MAJOR DEPRESSION USING TIME-FREQUENCY EEG SIGNAL PROCESSING. Biomedical Engineering - Applications, Basis and Communications, 2021, 33, .	0.3	9
4	Time-frequency analysis in EEG for the Treatment of Major Depressive Disorder Using rTMS. , 2021, , .		2
5	Localizing Epileptic Foci Using Simultaneous EEG-fMRI Recording: Template Component Cross-Correlation. Frontiers in Neurology, 2021, 12, 695997.	1.1	12
6	Simulation and in vivo investigation of light-emitting diode, near infrared Gaussian beam profiles. Journal of Near Infrared Spectroscopy, 2020, 28, 37-50.	0.8	6
7	Quality analysis of heart rate derived from functional near-infrared spectroscopy in stress assessment. Informatics in Medicine Unlocked, 2020, 18, 100286.	1.9	8
8	Enhancement of optical penetration depth of LED-based NIRS systems by comparing different beam profiles. Biomedical Physics and Engineering Express, 2019, 5, 065004.	0.6	8
9	Quantitative determination of concordance in localizing epileptic focus by component-based EEG-fMRI. Computer Methods and Programs in Biomedicine, 2019, 177, 231-241.	2.6	28
10	Component-related BOLD response to localize epileptic focus using simultaneous EEG-fMRI recordings at 3T. Journal of Neuroscience Methods, 2019, 322, 34-49.	1.3	20
11	An optimal strategy for prediction of sudden cardiac death through a pioneering feature-selection approach from HRV signal. Computer Methods and Programs in Biomedicine, 2019, 169, 19-36.	2.6	48
12	Epilepsy Presurgical Evaluation of Patients with Complex Source Localization by a Novel Component-Based EEG-fMRI Approach. Iranian Journal of Radiology, 2019, 16, .	0.1	14
13	A time local subset feature selection for prediction of sudden cardiac death from ECG signal. Medical and Biological Engineering and Computing, 2018, 56, 1253-1270.	1.6	41
14	TOWARDS AN AUTOMATIC DIAGNOSIS SYSTEM FOR LUMBAR DISC HERNIATION: THE SIGNIFICANCE OF LOCAL SUBSET FEATURE SELECTION. Biomedical Engineering - Applications, Basis and Communications, 2018, 30, 1850044.	0.3	9
15	Prediction of paroxysmal Atrial Fibrillation: A machine learning based approach using combined feature vector and mixture of expert classification on HRV signal. Computer Methods and Programs in Biomedicine, 2018, 165, 53-67.	2.6	73
16	TOWARD A COMPUTER AIDED DIAGNOSIS SYSTEM FOR LUMBAR DISC HERNIATION DISEASE BASED ON MR IMAGES ANALYSIS. Biomedical Engineering - Applications, Basis and Communications, 2016, 28, 1650042.	0.3	17
17	ECG SIGNALS NOISE REMOVAL: SELECTION AND OPTIMIZATION OF THE BEST ADAPTIVE FILTERING ALGORITHM BASED ON VARIOUS ALGORITHMS COMPARISON. Biomedical Engineering - Applications, Basis and Communications, 2015, 27, 1550038.	0.3	25
18	A Novel Approach to Predict Sudden Cardiac Death (SCD) Using Nonlinear and Time-Frequency Analyses from HRV Signals. PLoS ONE, 2014, 9, e81896.	1.1	106

#	Article	IF	Citations
19	A novel approach for detection of deception using Smoothed Pseudo Wigner-Ville Distribution (SPWVD). Journal of Biomedical Science and Engineering, 2013, 06, 8-18.	0.2	27
20	Early detection of sudden cardiac death by using classical linear techniques and time-frequency methods on electrocardiogram signals. Journal of Biomedical Science and Engineering, 2011, 04, 699-706.	0.2	58
21	Linear and nonlinear analyses for detection of sudden cardiac death (SCD) using ECG and HRV signals. Trends in Research, 0, , .	0.2	4
22	Simultaneous EEG-fMRI: A novel approach to localize the Seizure Onset Zone. , 0, , 130-139.		6