Elias Ebrahimzadeh

List of Publications by Year
in descending order

22	568	759233 12	794594 19
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	A Novel Approach to Predict Sudden Cardiac Death (SCD) Using Nonlinear and Time-Frequency Analyses from HRV Signals. PLoS ONE, 2014, 9, e81896.	2.5	106
2	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.	4.7	73
3	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.	0.4	58
4	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.	4.7	48
5	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.	2.8	41
6	Quantitative determination of concordance in localizing epileptic focus by component-based EEG-fMRI. Computer Methods and Programs in Biomedicine, 2019, 177, 231-241.	4.7	28
7	A novel approach for detection of deception using Smoothed Pseudo Wigner-Ville Distribution (SPWVD). Journal of Biomedical Science and Engineering, 2013, 06, 8-18.	0.4	27
8	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.	0.6	25
9	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.	4.0	25
10	Component-related BOLD response to localize epileptic focus using simultaneous EEG-fMRI recordings at 3T. Journal of Neuroscience Methods, 2019, 322, 34-49.	2.5	20
11	Localization of Epileptic Foci Based on Simultaneous EEGâ€“fMRI Data. Frontiers in Neurology, 2021, 12, 645594.	2.4	19
12	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.	0.6	17
13	Epilepsy Presurgical Evaluation of Patients with Complex Source Localization by a Novel Component-Based EEG-fMRI Approach. Iranian Journal of Radiology, 2019, 16, .	0.2	14
14	Localizing Epileptic Foci Using Simultaneous EEG-fMRI Recording: Template Component Cross-Correlation. Frontiers in Neurology, 2021, 12, 695997.	2.4	12
15	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.	0.6	9
16	PREDICTING CLINICAL RESPONSE TO TRANSCRANIAL MAGNETIC STIMULATION IN MAJOR DEPRESSION USING TIME-FREQUENCY EEG SIGNAL PROCESSING. Biomedical Engineering - Applications, Basis and Communications, 2021, 33, .	0.6	9
17	Enhancement of optical penetration depth of LED-based NIRS systems by comparing different beam profiles. Biomedical Physics and Engineering Express, 2019, 5, 065004.	1.2	8
18	Quality analysis of heart rate derived from functional near-infrared spectroscopy in stress assessment. Informatics in Medicine Unlocked, 2020, 18, 100286.	3.4	8

#	Article	IF	Citations
19	Simulation and in vivo investigation of light-emitting diode, near infrared Gaussian beam profiles. Journal of Near Infrared Spectroscopy, 2020, 28, 37-50.	1.5	6
20	Simultaneous EEG-fMRI: A novel approach to localize the Seizure Onset Zone. , 0, , 130-139.		6
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	Time-frequency analysis in EEG for the Treatment of Major Depressive Disorder Using rTMS. , 2021, , .		2