Ali Motie Nasrabadi

List of Publications by Year
in descending order

157 papers	1,738 citations	361413 20 h-index	454955 30 g-index
163 all docs	163 docs citations	163 times ranked	1811 citing authors

#	Article	IF	Citations
1	EEG classification of ADHD and normal children using non-linear features and neural network. Biomedical Engineering Letters, 2016, 6, 66-73.	4.1	132
2	A new automatic sleep staging system based on statistical behavior of local extrema using single channel EEG signal. Expert Systems With Applications, 2018, 104, 277-293.	7.6	72
3	A Review on EEG Signals Based Emotion Recognition. International Clinical Neuroscience Journal, 2017, 4, 118-129.	0.1	57
4	Investigation of mental fatigue through EEG signal processing based on nonlinear analysis: Symbolic dynamics. Chaos, Solitons and Fractals, 2011, 44, 1054-1062.	5.1	51
5	Different classification techniques considering brain computer interface applications. Journal of Neural Engineering, 2006, 3, 139-144.	3.5	44
6	Emotion Classification through Nonlinear EEG Analysis Using Machine Learning Methods. International Clinical Neuroscience Journal, 2018, 5, 135-149.	0.1	43
7	Determining fault's type and accurate location in distribution systems with DG using MLP Neural networks. , 2009, , .		39
8	Pre-ictal heart rate variability assessment of epileptic seizures by means of linear and non-linear analyses. Anatolian Journal of Cardiology, 2013, 13, 797-803.	0.4	38
9	Emotion recognition through EEG phase space dynamics and Dempster-Shafer theory. Medical Hypotheses, 2019, 127, 34-45.	1.5	38
10	EEG classification of adolescents with type I and type II of bipolar disorder. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 551-559.	1.3	33
11	Non-linear feature extraction from HRV signal for mortality prediction of ICU cardiovascular patient. Journal of Medical Engineering and Technology, 2016, 40, 87-98.	1.4	31
12	Detecting Driver Mental Fatigue Based on EEG Alpha Power Changes during Simulated Driving. Iranian Journal of Public Health, 2015, 44, 1693-700.	0.5	30
13	Epileptic Seizure Detection Using Empirical Mode Decomposition. , 2008, , .		27
14	Estimation of effective connectivity using multi-layer perceptron artificial neural network. Cognitive Neurodynamics, 2018, 12, 21-42.	4.0	27
15	Prediction of epilepsy seizure from multi-channel electroencephalogram by effective connectivity analysis using Granger causality and directed transfer function methods. Cognitive Neurodynamics, 2019, 13, 461-473.	4.0	27
16	Direction of information flow between brain regions in ADHD and healthy children based on EEG by using directed phase transfer entropy. Cognitive Neurodynamics, 2021, 15, 975-986.	4.0	27
17	Cumulative effects of theta binaural beats on brain power and functional connectivity. Biomedical Signal Processing and Control, 2018, 42, 242-252.	5.7	26
18	Improving the performance of the SSVEP-based BCI system using optimized singular spectrum analysis (OSSA). Biomedical Signal Processing and Control, 2018, 46, 46-58.	5.7	26

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19	Recognition of emotional states induced by music videos based on nonlinear feature extraction and SOM classification. , 2014, , .		25
20	Prediction of epileptic seizures based on heart rate variability. Technology and Health Care, 2016, 24, 795-810.	1.2	25
21	A novel approach to emotion recognition using local subset feature selection and modified Dempster-Shafer theory. Behavioral and Brain Functions, 2018, 14, 17.	3.3	23
22	Controlling Blood Glucose Levels in Diabetics By Neural Network Predictor. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3216-9.	0.5	22
23	A self-organized recurrent neural network for estimating the effective connectivity and its application to EEG data. Computers in Biology and Medicine, 2019, 110, 93-107.	7.0	22
24	Comparison of different EEG features in estimation of hypnosis susceptibility level. Computers in Biology and Medicine, 2012, 42, 590-597.	7.0	21
25	Artificial neural networks for bilateral prediction of formulation parameters and drug release profiles from cochlear implant coatings fabricated as porous monolithic devices based on silicone rubber. Journal of Pharmacy and Pharmacology, 2014, 66, 624-638.	2.4	21
26	Emotion recognition using EEG phase space dynamics and Poincare intersections. Biomedical Signal Processing and Control, 2020, 59, 101918.	5.7	21
27	A Novel Approach to Mortality Prediction of ICU Cardiovascular Patient Based on Fuzzy Logic Method. Biomedical Signal Processing and Control, 2018, 45, 160-173.	5.7	20
28	EEG-Based Mental Task Classification in Hypnotized and Normal Subjects. , 2005, 2005, 2041-3.		19
29	Analysis of heart rate variability as a predictor of mortality in cardiovascular patients of intensive care unit. Biocybernetics and Biomedical Engineering, 2015, 35, 217-226.	5.9	19
30	A novel EEG-based approach to classify emotions through phase space dynamics. Signal, Image and Video Processing, 2019, 13, 1149-1156.	2.7	19
31	Investigation of changes in EEG complexity during memory retrieval: the effect of midazolam. Cognitive Neurodynamics, 2012, 6, 537-546.	4.0	18
32	A new algorithm for detection of epileptic seizures based on HRV signal. Journal of Experimental and Theoretical Artificial Intelligence, 2014, 26, 251-265.	2.8	18
33	Subject transfer BCI based on Composite Local Temporal Correlation Common Spatial Pattern. Computers in Biology and Medicine, 2015, 64, 1-11.	7.0	18
34	DYNAMIC PATTERNS OF POSTURAL FLUCTUATIONS DURING QUIET STANDING: A RECURRENCE QUANTIFICATION APPROACH. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 1163-1172.	1.7	17
35	A NOVEL METHOD OF EEG-BASED EMOTION RECOGNITION USING NONLINEAR FEATURES VARIABILITY AND DEMPSTERâ€"SHAFER THEORY. Biomedical Engineering - Applications, Basis and Communications, 2018, 30, 1850026.	0.6	17
36	Combination of discrete wavelet packet transform with detrended fluctuation analysis using customized mother wavelet with the aim of an imagery-motor control interface for an exoskeleton. Multimedia Tools and Applications, 2019, 78, 30503-30522.	3.9	17

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37	Dexamethasone-releasing cochlear implant coatings: application of artificial neural networks for modelling of formulation parameters and drug release profile. Journal of Pharmacy and Pharmacology, 2013, 65, 1145-1157.	2.4	16
38	Computational Neuroscience Approach to Psychiatry: A Review on Theory-driven Approaches. Clinical Psychopharmacology and Neuroscience, 2022, 20, 26-36.	2.0	16
39	A new method for extraction of fetal electrocardiogram signal based on Adaptive Nero-Fuzzy Inference System. , 2011, , .		15
40	Combined application of Monte Carlo method and neural networks to simulate qualitative prompt gamma neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 403-407.	1.5	14
41	Gender-Related Differences in Heart Rate Variability of Epileptic Patients. American Journal of Men's Health, 2018, 12, 117-125.	1.6	14
42	nCREANN: Nonlinear Causal Relationship Estimation by Artificial Neural Network; Applied for Autism Connectivity Study. IEEE Transactions on Medical Imaging, 2019, 38, 2883-2890.	8.9	14
43	Fusion of classic P300 detection methods' inferences in a framework of fuzzy labels. Artificial Intelligence in Medicine, 2008, 44, 247-259.	6.5	13
44	EEG phase synchronization during hypnosis induction. Journal of Medical Engineering and Technology, 2012, 36, 222-229.	1.4	13
45	Spirituality and brain waves. Journal of Medical Engineering and Technology, 2015, 39, 153-158.	1.4	13
46	Two novel static and dynamic voltage stability based indexes for power system contingency ranking. IET Generation, Transmission and Distribution, 2018, 12, 1831-1837.	2.5	13
47	Epileptic Seizure Prediction Using a New Similarity Index for Chaotic Signals. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650186.	1.7	12
48	A new approach to analyze data from EEG-based concealed face recognition system. International Journal of Psychophysiology, 2017, 116, 1-8.	1.0	12
49	Classification of the Children with ADHD and Healthy Children Based on the Directed Phase Transfer Entropy of EEG Signals. Frontiers in Biomedical Technologies, 0, , .	0.0	12
50	Implementing of SPIHT and Sub-band Energy Compression (SEC) Method on Two-Dimensional ECG Compression: A Novel Approach. , 2005, 2005, 3763-6.		11
51	A novel method to detect the a phases of Cyclic Alternating Pattern (CAP) using similarity index. , 2015, , .		11
52	A new approach to estimating the evoked hemodynamic response applied to dual channel functional near infrared spectroscopy. Computers in Biology and Medicine, 2017, 84, 9-19.	7.0	11
53	Optimized Mother Wavelet in a Combination of Wavelet Packet with Detrended Fluctuation Analysis for Controlling a Remote Vehicle with Imagery Movement: A Brain Computer Interface Study. Mechanisms and Machine Science, 2019, , 186-195.	0.5	11
54	Epileptic Seizure Prediction using Statistical Behavior of Local Extrema and Fuzzy Logic System. International Journal of Computer Applications, 2015, 113, 24-30.	0.2	11

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55	A new similarity index for nonlinear signal analysis based on local extrema patterns. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 288-299.	2.1	10
56	SSVEP recognition by modeling brain activity using system identification based on Box-Jenkins model. Computers in Biology and Medicine, 2018, 101, 82-89.	7.0	10
57	Interview based connectivity analysis of EEG in order to detect deception. Medical Hypotheses, 2020, 136, 109517.	1.5	10
58	New algorithm of mortality risk prediction for cardiovascular patients admitted in intensive care unit. International Journal of Clinical and Experimental Medicine, 2015, 8, 8916-26.	1.3	10
59	IDENTIFICATION OF DYNAMIC PATTERNS OF BODY SWAY DURING QUIET STANDING: IS IT A NONLINEAR PROCESS?. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1269-1278.	1.7	9
60	Artificial neural network weights optimization using ICA, GA, ICA-GA and R-ICA-GA: Comparing performances. , 2011, , .		9
61	Investigating time-varying functional connectivity derived from the Jackknife Correlation method for distinguishing between emotions in fMRI data. Cognitive Neurodynamics, 2020, 14, 457-471.	4.0	9
62	Nonlinear analysis of electroencephalogram signals while listening to the holy Quran. Journal of Medical Signals and Sensors, 2019, 9, 100.	1.0	9
63	The impacts of hypnotic susceptibility on chaotic dynamics of EEG signals during standard tasks of Waterloo-Stanford Group Scale. Journal of Medical Engineering and Technology, 2013, 37, 273-281.	1.4	8
64	Classification of ictal and seizure-free HRV signals with focus on lateralization of epilepsy. Technology and Health Care, 2016, 24, 43-56.	1.2	8
65	Estimation of effective brain connectivity with dual Kalman filter and EEG source localization methods. Australasian Physical and Engineering Sciences in Medicine, 2017, 40, 675-686.	1.3	8
66	A new blind source separation approach based on dynamical similarity and its application on epileptic seizure prediction. Signal Processing, 2021, 183, 108045.	3.7	8
67	Enhancement of Sleep Quality and Stability Using Acoustic Stimulation During Slow Wave Sleep. International Clinical Neuroscience Journal, 2018, 5, 126-134.	0.1	8
68	The emotion recognition system based on autoregressive model and sequential forward feature selection of electroencephalogram signals. Journal of Medical Signals and Sensors, 2014, 4, 194-201.	1.0	8
69	Evaluating nonlinear variability of mental fatigue behavioral indices during long‐term attentive task. Complexity, 2012, 17, 7-16.	1.6	7
70	Representing Temporal Network based on dDTF of EEG signals in Children with Autism and Healthy Children. Biomedical Signal Processing and Control, 2020, 62, 102139.	5.7	7
71	Identifying the Optimal Features in Multimodal Deception Detection. Multimodal Technologies and Interaction, 2020, 4, 25.	2.5	7
72	Effect of inhibition indexed by auditory P300 on transmission of visual sensory information. PLoS ONE, 2021, 16, e0247416.	2.5	7

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73	Detecting slow wave sleep and rapid eye movement stage using cortical effective connectivity. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 2779-2792.	1.4	7
74	Applications of fuzzy similarity index method in processing of hypnosis. Journal of Biomedical Science and Engineering, 2009, 02, 359-362.	0.4	7
75	Investigating the discrimination of linear and nonlinear effective connectivity patterns of EEG signals in children with Attention-Deficit/Hyperactivity Disorder and Typically Developing children. Computers in Biology and Medicine, 2022, 148, 105791.	7.0	7
76	Combination of Frequency Bands in EEG for Feature Reduction in Mental Task Classification. , 2006, 2006, 1146-9.		6
77	Empirical Mode Decomposition In Epileptic Seizure Prediction. , 2008, , .		6
78	A NEW IRREGULARITY CRITERION FOR DISCRIMINATION OF STOCHASTIC AND DETERMINISTIC TIME SERIES. Fractals, 2008, 16, 129-140.	3.7	6
79	A new seizure prediction method based on return map. , 2011, , .		6
80	Estimation of hypnosis susceptibility based on electroencephalogram signal features. Scientia Iranica, 2012, 20, 730-730.	0.4	6
81	Chaos–chaos transition of left hemisphere EEGs during standard tasks of Waterloo-Stanford Group Scale of hypnotic susceptibility. Journal of Medical Engineering and Technology, 2015, 39, 281-285.	1.4	6
82	Network physiology of â€˜fight or flightâ€™ response in facial superficial blood vessels. Physiological Measurement, 2019, 40, 014002.	2.1	6
83	EEG/PPG effective connectivity fusion for analyzing deception in interview. Signal, Image and Video Processing, 2020, 14, 907-914.	2.7	6
84	Classification of Mental Stress Levels by Analyzing fNIRS Signal Using Linear and Non-linear Features. International Clinical Neuroscience Journal, 2018, 5, 55-61.	0.1	6
85	Wavelet based 2-D ECG compression by implementing of SPIHT algorithm and RL coding. , 2008, , .		5
86	Recurrence Plots for Identifying Memory Components in Single-Trial EEGs. Lecture Notes in Computer Science, 2010, , 124-132.	1.3	5
87	Automatic minimization of eye blink artifacts using fractal dimension of independent components of multichannel EEG. , 2012, , .		5
88	Recurrence quantification analysis of electroencephalograph signals during standard tasks of Waterloo-Stanford group scale of hypnotic susceptibility. Journal of Medical Engineering and Technology, 2015, 39, 26-34.	1.4	5
89	Effective connectivity of mental fatigue: Dynamic causal modeling of EEG data. Technology and Health Care, 2019, 27, 343-352.	1.2	5
90	Effective brain connectivity estimation between active brain regions in autism using the dual Kalman-based method. Biomedizinische Technik, 2020, 65, 23-32.	0.8	5

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91	Identifying brain functional connectivity alterations during different stages of Alzheimer's disease. International Journal of Neuroscience, 2022, 132, 1005-1013.	1.6	5
92	A neuronal population model based on cellular automata to simulate the electrical waves of the brain. Waves in Random and Complex Media, 0, , 1-20.	2.7	5
93	Locating Information Maximization Time in EEG Signals Recorded During Mental Tasks. Proc Int Symp Image Signal Process Anal, 2007, , .	0.0	4
94	An improved method for 2-D ECG compression based on SPIHT algorithm. , 2008, 2008, 2952-5.		4
95	A novel feature fusion technique in Saliency-Based Visual Attention. , 2009, , .		4
96	Combining two visual cortex models for robust face recognition. Optik, 2015, 126, 2818-2824.	2.9	4
97	Single-Trial Decoding of Motion Direction During Visual Attention From Local Field Potential Signals. IEEE Access, 2021, 9, 66450-66461.	4.2	4
98	Emotion Recognition based on Utilizing Occurrence Sequence of Heart Rate's Phase Space Points. , 2012, , .		4
99	Estimating brain effective connectivity from EEG signals of patients with autism disorder and healthy individuals by reducing volume conduction effect. Cognitive Neurodynamics, 2022, 16, 519-529.	4.0	4
100	An Investigation on Chaotic Approach to Detect Functional Gastrointestinal Disorders. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2000-3.	0.5	3
101	Nonlinear data fusion in saliency-based visual attention. , 2008, , .		3
102	Committee machines and quadratic B-spline wavelet for the P300 speller paradigm. , 2008, , .		3
103	Plausibility assessment of a subject independent mental task-based BCI using electroencephalogram signals. , 2014, , .		3
104	Effective connectivity measuring of ERP signals in recognition memory process by Generalized Partial Directed Coherence. , 2016, , .		3
105	Identification of Chaos-Periodic Transitions, Band Merging, and Internal Crisis Using Wavelet-DFA Method. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650065.	1.7	3
106	Reprint of "A new approach to analyze data from EEG-based concealed face recognition system". International Journal of Psychophysiology, 2017, 122, 17-23.	1.0	3
107	Recognition of emotional states in response to audio-visual inductions based on nonlinear analysis and self-organisation map classification. International Journal of Medical Engineering and Informatics, 2017, 9, 110.	0.3	3
108	A new model for face detection in cluttered backgrounds using saliency map and C_2 texture features. International Journal of Computers and Applications, 2018, 40, 214-222.	1.3	3

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109	Bypassing the volume conduction effect by multilayer neural network for effective connectivity estimation. Medical and Biological Engineering and Computing, 2019, 57, 1947-1959.	2.8	3
110	Deep sparse graph functional connectivity analysis in AD patients using fMRI data. Computer Methods and Programs in Biomedicine, 2021, 201, 105954.	4.7	3
111	Using rDCM Method in the Mixed Model in order to Inference Effective Connectivity in Emotions. Frontiers in Biomedical Technologies, 0, , .	0.0	3
112	Chaotic features analysis of EEG signals during hallucination tasks of waterloo-stanford standard. Journal of Biomedical Science and Engineering, 2010, 03, 1175-1181.	0.4	3
113	Phase space analysis of Event Related Potential during episodic memory retrieval. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1996-9.	0.5	2
114	Evaluating variability of frequency features of EEG signals during mental fatigue. , 2010, , .		2
115	Subject independent BCI based on LTCCSP method and GA wrapper optimization. , 2015, , .		2
116	Analysis of inter-hemispheric and intra-hemispheric differences of the correlation dimension in the emotional states based on EEG signals. , 2015, , .		2
117	The relation of susceptibility levels of hypnosis and different mental tasks. Signal, Image and Video Processing, 2015, 9, 903-911.	2.7	2
118	Volumetric behavior quantification to characterize trajectory in phase space. Chaos, Solitons and Fractals, 2017, 103, 294-306.	5.1	2
119	Prediction of Ventricular Tachycardia Using Nonlinear Features of Heart Rate Variability and Artificial Neural Network Classifier. , 0, , .		2
120	EEG signal analysis during Ishiharaâ€™s test in subjects with normal vision and color vision deficiency. Biomedical Physics and Engineering Express, 2021, 7, 025008.	1.2	2
121	Frequency-specific network effective connectivity: ERP analysis of recognition memory process by directed connectivity estimators. Medical and Biological Engineering and Computing, 2021, 59, 575-588.	2.8	2
122	Analysis of Effective Connectivity Strength in Children with Attention Deficit Hyperactivity Disorder Using Phase Transfer Entropy. Iranian Journal of Psychiatry, 2021, 16, 374-382.	0.7	2
123	Studying the Distinction between Emotions in fMRI Data by Using Temporal Network Theory. Frontiers in Biomedical Technologies, 0, , .	0.0	2
124	The relation between chaotic feature of surface eeg and muscle force: Case study report. Journal of Medical Signals and Sensors, 2021, 11, 229.	1.0	2
125	Rule-based Method for Extent and Localization of Myocardial Infarction by Extracted Features of ECG Signals using Body Surface Potential Map Data. Journal of Medical Signals and Sensors, 2013, 3, 129-38.	1.0	2
126	First Event-Related Potentials Evidence of Auditory Morphosyntactic Processing in a Subject-Object-Verb Nominative-Accusative Language (Farsi). Frontiers in Psychology, 2021, 12, 698165.	2.1	2

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127	A fuzzy sensitivity analysis approach to estimate brain effective connectivity and its application to epileptic seizure detection. Biomedizinische Technik, 2022, 67, 19-32.	0.8	2
128	Classification of Old/New effects during memory retrieval Using Committee Machine: an Event-Related Potential study. , 2008, , .		1
129	Uncertainty Analysis in Tumor Model with Fuzzy Parameters. , 2009, , .		1
130	Application of Fuzzy Similarity Index method in hypnosis analysis. , 2009, , .		1
131	Investigating classification methods to improve eye-tracking systems operation. International Journal of Biomedical Engineering and Technology, 2012, 10, 145.	0.2	1
132	An auditory brainstem response-based expert system for ADHD diagnosis using recurrence qualification analysis and wavelet support vector machine. , 2015, , .		1
133	fMRI functional connectivity analysis via kernel graph in Alzheimer's disease. Signal, Image and Video Processing, 2021, 15, 715-723.	2.7	1
134	Dynamic causal modeling of evoked responses during emergency braking: an ERP study. Cognitive Neurodynamics, 2022, 16, 353-363.	4.0	1
135	Increasing Safety at Smart Elderly Homes by Human Fall Detection from Video using Transfer Learning Approaches. , 2020, , .		1
136	Multiclass classification of patients during different stages of Alzheimer's disease using fMRI time-series. Biomedical Physics and Engineering Express, 2020, 6, 055022.	1.2	1
137	The 2017 and 2018 Iranian Brain-Computer Interface Competitions. Journal of Medical Signals and Sensors, 2020, 10, 208-216.	1.0	1
138	A Spherical Phase Space Partitioning Based Symbolic Time Series Analysis (SPSP€"STSA) for Emotion Recognition Using EEG Signals. Frontiers in Human Neuroscience, 0, 16, .	2.0	1
139	Fuzzy Neural Network for detecting nonlinear determinism in gastric electrical activity: Fractal dimension approach. , 2008, , .		0
140	Neural network application in strange attractor investigation to detect a FGD. , 2008, , .		0
141	OGY control fuzzification of tow-link rigid robot arm. , 2009, , .		0
142	Intelligent Fuzzy Chaotic Control of a Two-Link Rigid Robot Arm. , 2009, , .		0
143	Detection of event related potentials using biologically inspired networks. , 2010, , .		0
144	Chaotic features analysis of EEG signals during standard tasks of Waterloo-Stanford. , 2010, , .		0

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145	Hypnosis analysis by means of Similarity Index method. , 2010, , .		0
146	Bilateral prediction of formulation parameters and drug release profiles in porous monolithic devices application of artificial neural networks. , 2010, , .		0
147	Control of pathfinder robot movement using combination of brain rhythmic waves and evoked potential features in Virtual Environment. , 2012, , .		0
148	Epileptic seizure prediction using angle method. , 2015, , .		0
149	Classification of hypnotisable groups based on normal EEG signals using the Recurrence Quantification Analysis and Support Vector Machine. , 2015, , .		0
150	A NEW METHOD FOR SIGNATURE VERIFICATION BASED ON PHYSIOLOGICAL CHARACTERISTICS OF HAND MUSCLES AND TENDONS. Biomedical Engineering - Applications, Basis and Communications, 2017, 29, 1750006.	0.6	0
151	Investigation of effective connectivity alteration during hypnosis induction using direct directed transfer function. , 2017, , .		0
152	Hypnotizability-Related Effects of Pain Expectation on the Later Modulation of Cortical Connectivity. International Journal of Clinical and Experimental Hypnosis, 2020, 68, 306-326.	1.8	0
153	Recognition of emotional states in response to audio-visual inductions based on nonlinear analysis and self-organisation map classification. International Journal of Medical Engineering and Informatics, 2017, 9, 110.	0.3	0
154	Evaluating the event-related potentials relevant to two groups of the Quran memorizers and non-memorizers during the retrieval phase of the visual memory. Biomedical Signal Processing and Control, 2022, 73, 103411.	5.7	0
155	A Comparative Study of the Effect of Weighted or Binary Functional Brain Networks in fMRI Data Analysis. Frontiers in Biomedical Technologies, 0, , .	0.0	0
156	Evaluating the effect of quran memorizing on the event-related potential features by using graphs created from the neural gas networks. Journal of Medical Signals and Sensors, 2022, 12, 48.	1.0	0
157	Effective connectivity inference in the whole-brain network by using rDCM method for investigating the distinction between emotional states in fMRI data. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2023, 11, 453-466.	1.9	0