

Fali Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79
papers

1,347
citations

22
h-index

34
g-index

91
ext. papers

1,956
ext. citations

4.4
avg, IF

4.47
L-index

#	Paper	IF	Citations
79	A survey of brain network analysis by electroencephalographic signals.. <i>Cognitive Neurodynamics</i> , 2022 , 16, 17-41	4.2	5
78	Multimodal collaborative BCI system based on the improved CSP feature extraction algorithm. <i>Virtual Reality & Intelligent Hardware</i> , 2022 , 4, 22-37	2.8	1
77	Reconfiguration of Cortical Brain Network from Searching to Spotting for Dynamic Visual Targets.. <i>Journal of Neuroscience Methods</i> , 2022 , 109577	3	0
76	Altered temporal variability in brain functional connectivity identified by fuzzy entropy underlines schizophrenia deficits.. <i>Journal of Psychiatric Research</i> , 2022 , 148, 315-324	5.2	0
75	WeBrain: A web-based brainformatics platform of computational ecosystem for EEG big data analysis. <i>NeuroImage</i> , 2021 , 245, 118713	7.9	2
74	Identification of the General Anesthesia Induced Loss of Consciousness by Cross Fuzzy Entropy-Based Brain Network. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 2281-2291	4.8	2
73	Robust Autoregression with Exogenous Input Model for System Identification and Predicting. <i>Electronics (Switzerland)</i> , 2021 , 10, 755	2.6	1
72	Rehabilitation of motor function in children with cerebral palsy based on motor imagery. <i>Cognitive Neurodynamics</i> , 2021 , 15, 939-948	4.2	3
71	Reference Electrode Standardization Interpolation Technique (RESIT): A Novel Interpolation Method for Scalp EEG. <i>Brain Topography</i> , 2021 , 34, 403-414	4.3	1
70	Altered Functional Connectivity in Children with ADHD Revealed by Scalp EEG: An ERP Study. <i>Neural Plasticity</i> , 2021 , 2021, 6615384	3.3	1
69	Decision-Feedback Stages Revealed by Hidden Markov Modeling of EEG. <i>International Journal of Neural Systems</i> , 2021 , 31, 2150031	6.2	1
68	Brain variability in dynamic resting-state networks identified by fuzzy entropy: a scalp EEG study. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	3
67	Discrimination of Tourette Syndrome Based on the Spatial Patterns of the Resting-State EEG Network. <i>Brain Topography</i> , 2021 , 34, 78-87	4.3	5
66	Correlation Analysis of EEG Brain Network With Modulated Acoustic Stimulation for Chronic Tinnitus Patients. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 156-162	4.8	2
65	. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 13, 383-390	3	5
64	EEG-Based Emotion Recognition Using Convolutional Neural Network with Functional Connections. <i>Communications in Computer and Information Science</i> , 2021 , 33-40	0.3	1
63	A Long Short-Term Memory Network for Sparse Spatiotemporal EEG Source Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 3787-3800	11.7	1

62	The Decision Strategies of Adolescents with Different Emotional Stabilities in Unfair Situations. <i>Neuroscience Bulletin</i> , 2021 , 37, 1481-1486	4.3	0
61	Constructing EEG Large-scale Cortical Functional Network Connectivity Based on Brain Atlas by S Estimator. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1	3	1
60	Constructing large-scale cortical brain networks from scalp EEG with Bayesian nonnegative matrix factorization. <i>Neural Networks</i> , 2020 , 125, 338-348	9.1	5
59	The Growing From Adolescence to Adulthood Influences the Decision Strategy to Unfair Situations. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1	3	2
58	Directed EEG neural network analysis by LAPPS (p) Penalized sparse Granger approach. <i>Neural Networks</i> , 2020 , 124, 213-222	9.1	5
57	Bacomics: a comprehensive cross area originating in the studies of various brain-apparatus conversations. <i>Cognitive Neurodynamics</i> , 2020 , 14, 425-442	4.2	8
56	Subject inefficiency phenomenon of motor imagery brain-computer interface: Influence factors and potential solutions. <i>Brain Science Advances</i> , 2020 , 6, 224-241	2	9
55	Predicting individual decision-making responses based on single-trial EEG. <i>NeuroImage</i> , 2020 , 206, 116333	9	16
54	Inter-subject P300 variability relates to the efficiency of brain networks reconfigured from resting-to task-state: Evidence from a simultaneous event-related EEG-fMRI study. <i>NeuroImage</i> , 2020 , 205, 116283	7.9	25
53	Musical experience may help the brain respond to second language reading. <i>Neuropsychologia</i> , 2020 , 148, 107655	3.2	2
52	Altered Functional Connectivity after Epileptic Seizure Revealed by Scalp EEG. <i>Neural Plasticity</i> , 2020 , 2020, 8851415	3.3	3
51	Impaired Frontoparietal Connectivity in Traumatic Individuals with Disorders of Consciousness: A Dynamic Brain Network Analysis 2020 , 11, 301-314		10
50	A Fusion Feature for Enhancing the Performance of Classification in Working Memory Load With Single-Trial Detection. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019 , 27, 1985-1993	4.8	6
49	. <i>IEEE Access</i> , 2019 , 7, 52467-52472	3.5	6
48	Differentiation of Schizophrenia by Combining the Spatial EEG Brain Network Patterns of Rest and Task P300. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019 , 27, 594-602	4.8	39
47	EEG Based Emotion Recognition by Combining Functional Connectivity Network and Local Activations. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 2869-2881	5	115
46	Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. <i>Frontiers in Computational Neuroscience</i> , 2019 , 13, 85	3.5	12
45	The Dynamic Brain Networks of Motor Imagery: Time-Varying Causality Analysis of Scalp EEG. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850016	6.2	47

44	Predicting individual decision-making responses based on the functional connectivity of resting-state EEG. <i>Journal of Neural Engineering</i> , 2019 , 16, 066025	5	8
43	Hierarchical feature fusion framework for frequency recognition in SSVEP-based BCIs. <i>Neural Networks</i> , 2019 , 119, 1-9	9.1	16
42	A Comparative Study of Different EEG Reference Choices for Event-Related Potentials Extracted by Independent Component Analysis. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1068	5.1	3
41	Reconfiguration patterns of large-scale brain networks in motor imagery. <i>Brain Structure and Function</i> , 2019 , 224, 553-566	4	7
40	Transition of brain networks from an interictal to a preictal state preceding a seizure revealed by scalp EEG network analysis. <i>Cognitive Neurodynamics</i> , 2019 , 13, 175-181	4.2	17
39	Different Decision-Making Responses Occupy Different Brain Networks for Information Processing: A Study Based on EEG and TMS. <i>Cerebral Cortex</i> , 2019 , 29, 4119-4129	5.1	29
38	Brain Network Reconfiguration During Motor Imagery Revealed by a Large-Scale Network Analysis of Scalp EEG. <i>Brain Topography</i> , 2019 , 32, 304-314	4.3	15
37	Different Contexts in the Oddball Paradigm Induce Distinct Brain Networks in Generating the P300. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 520	3.3	11
36	Lp (p ∞) Norm Partial Directed Coherence for Directed Network Analysis of Scalp EEGs. <i>Brain Topography</i> , 2018 , 31, 738-752	4.3	7
35	Improved Graph Embedding for Robust Recognition with outliers. <i>Scientific Reports</i> , 2018 , 8, 4231	4.9	0
34	An Adaptive Calibration Framework for mVEP-Based Brain-Computer Interface. <i>Computational and Mathematical Methods in Medicine</i> , 2018 , 2018, 9476432	2.8	3
33	Periodic Visual Stimulation Induces Resting-State Brain Network Reconfiguration. <i>Frontiers in Computational Neuroscience</i> , 2018 , 12, 21	3.5	8
32	Top-Down Disconnectivity in Schizophrenia During P300 Tasks. <i>Frontiers in Computational Neuroscience</i> , 2018 , 12, 33	3.5	11
31	Rapid Improvement in Visual Selective Attention Related to Action Video Gaming Experience. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 47	3.3	27
30	Correlated Component Analysis for Enhancing the Performance of SSVEP-Based Brain-Computer Interface. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 948-956	4.8	43
29	Sparse EEG Source Localization Using LAPPS: Least Absolute L-P (0 \leq L <math>\leq P). <i>IEEE Transactions on Biomedical Engineering</i> , 2018 ,	5	9
28	The Construction of Large-Scale Cortical Networks for P300 From Scalp EEG. <i>IEEE Access</i> , 2018 , 6, 68498-68506	3.5	11
27	Neuroscience Information Toolbox: An Open Source Toolbox for EEG-fMRI Multimodal Fusion Analysis. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 56	3.9	27

26	Two-Stage Frequency Recognition Method Based on Correlated Component Analysis for SSVEP-Based BCI. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 1314-1323	4.8	48
25	The hybrid BCI system for movement control by combining motor imagery and moving onset visual evoked potential. <i>Journal of Neural Engineering</i> , 2017 , 14, 026015	5	61
24	Robust Granger Analysis in Lp Norm Space for Directed EEG Network Analysis. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017 , 25, 1959-1969	4.8	11
23	Extracting time-frequency feature of single-channel vastus medialis EMG signals for knee exercise pattern recognition. <i>PLoS ONE</i> , 2017 , 12, e0180526	3.7	11
22	The extraction of motion-onset VEP BCI features based on deep learning and compressed sensing. <i>Journal of Neuroscience Methods</i> , 2017 , 275, 80-92	3	42
21	Noise-assisted multivariate empirical mode decomposition for multichannel EMG signals. <i>BioMedical Engineering OnLine</i> , 2017 , 16, 107	4.1	20
20	Time-Varying Networks of Inter-Ictal Discharging Reveal Epileptogenic Zone. <i>Frontiers in Computational Neuroscience</i> , 2017 , 11, 77	3.5	14
19	MATLAB Toolboxes for Reference Electrode Standardization Technique (REST) of Scalp EEG. <i>Frontiers in Neuroscience</i> , 2017 , 11, 601	5.1	67
18	Cortical Dynamic Causality Network for Auditory-Motor Tasks. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017 , 25, 1092-1099	4.8	7
17	The Time-Varying Networks in P300: A Task-Evoked EEG Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2016 , 24, 725-33	4.8	52
16	Structural and functional correlates of motor imagery BCI performance: Insights from the patterns of fronto-parietal attention network. <i>NeuroImage</i> , 2016 , 134, 475-485	7.9	59
15	Predicting Inter-session Performance of SMR-Based Brain-Computer Interface Using the Spectral Entropy of Resting-State EEG. <i>Brain Topography</i> , 2015 , 28, 680-690	4.3	45
14	An Adaptive Motion-Onset VEP-Based Brain-Computer Interface. <i>IEEE Transactions on Autonomous Mental Development</i> , 2015 , 7, 349-356		11
13	Efficient resting-state EEG network facilitates motor imagery performance. <i>Journal of Neural Engineering</i> , 2015 , 12, 066024	5	73
12	Autoregressive model in the Lp norm space for EEG analysis. <i>Journal of Neuroscience Methods</i> , 2015 , 240, 170-8	3	24
11	The enhanced information flow from visual cortex to frontal area facilitates SSVEP response: evidence from model-driven and data-driven causality analysis. <i>Scientific Reports</i> , 2015 , 5, 14765	4.9	12
10	Relationships between the resting-state network and the P3: Evidence from a scalp EEG study. <i>Scientific Reports</i> , 2015 , 5, 15129	4.9	56
9	Enhanced Z-LDA for Small Sample Size Training in Brain-Computer Interface Systems. <i>Computational and Mathematical Methods in Medicine</i> , 2015 , 2015, 680769	2.8	1

8	Differentiating between psychogenic nonepileptic seizures and epilepsy based on common spatial pattern of weighted EEG resting networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 1747-55		42
7	Robust removal of ocular artifacts by combining Independent Component Analysis and system identification. <i>Biomedical Signal Processing and Control</i> , 2014 , 10, 250-259	4.9	37
6	Combining canonical correlation analysis and infinite reference for frequency recognition of steady-state visual evoked potential recordings: a comparison with periodogram method. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 2901-8	1	1
5	Cortical network properties revealed by SSVEP in anesthetized rats. <i>Scientific Reports</i> , 2013 , 3, 2496	4.9	25
4	Local temporal correlation common spatial patterns for single trial EEG classification during motor imagery. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 591216	2.8	24
3	Listen to the song of the brain in real time: The Chengdu Brainwave Music 2011 ,		1
2	Dynamic networks of P300-related process. <i>Cognitive Neurodynamics</i> , 1	4.2	
1	The time-varying networks of the wrist extension in post-stroke hemiplegic patients. <i>Cognitive Neurodynamics</i> ,	4.2	1