Dezhong Yao

List of Publications by Year
in descending order

372 papers	11,806 citations	28190 55 h-index	54797 84 g-index
382 all docs	382 docs citations	382 times ranked	9247 citing authors

#	Article	IF	Citations
1	A method to standardize a reference of scalp EEG recordings to a point at infinity. Physiological Measurement, 2001, 22, 693-711.	1.2	451
2	Dysfunction of Large-Scale Brain Networks in Schizophrenia: A Meta-analysis of Resting-State Functional Connectivity. Schizophrenia Bulletin, 2018, 44, 168-181.	2.3	322
3	Altered functional connectivity in default mode network in absence epilepsy: A resting-state fMRI study. Human Brain Mapping, 2011, 32, 438-449.	1.9	233
4	EEG Based Emotion Recognition by Combining Functional Connectivity Network and Local Activations. IEEE Transactions on Biomedical Engineering, 2019, 66, 2869-2881.	2.5	224
5	Multivariate synchronization index for frequency recognition of SSVEP-based brain–computer interface. Journal of Neuroscience Methods, 2014, 221, 32-40.	1.3	219
6	A comparative study of different references for EEG default mode network: The use of the infinity reference. Clinical Neurophysiology, 2010, 121, 1981-1991.	0.7	207
7	A comparative study of different references for EEG spectral mapping: the issue of the neutral reference and the use of the infinity reference. Physiological Measurement, 2005, 26, 173-184.	1.2	182
8	Oxytocin, the peptide that bonds the sexes also divides them. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7650-7654.	3.3	145
9	MATLAB Toolboxes for Reference Electrode Standardization Technique (REST) of Scalp EEG. Frontiers in Neuroscience, 2017, 11, 601.	1.4	135
10	Multiple Frequencies Sequential Coding for SSVEP-Based Brain-Computer Interface. PLoS ONE, 2012, 7, e29519.	1.1	123
11	Combining Spatial Filters for the Classification of Single-Trial EEG in a Finger Movement Task. IEEE Transactions on Biomedical Engineering, 2007, 54, 821-831.	2.5	121
12	Resting state basal ganglia network in idiopathic generalized epilepsy. Human Brain Mapping, 2012, 33, 1279-1294.	1.9	115
13	Disrupted Functional Brain Connectivity in Partial Epilepsy: A Resting-State fMRI Study. PLoS ONE, 2012, 7, e28196.	1.1	107
14	Efficient resting-state EEG network facilitates motor imagery performance. Journal of Neural Engineering, 2015, 12, 066024.	1.8	106
15	Effects of Cognitive Training on Resting-State Functional Connectivity of Default Mode, Salience, and Central Executive Networks. Frontiers in Aging Neuroscience, 2016, 8, 70.	1.7	106
16	White-matter functional networks changes in patients with schizophrenia. NeuroImage, 2019, 190, 172-181.	2.1	106
17	Which Reference Should We Use for EEG and ERP practice?. Brain Topography, 2019, 32, 530-549.	0.8	101
18	The Time-Varying Networks in P300: A Task-Evoked EEG Study. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 725-733.	2.7	95

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19	EEGâ€"fMRI study on the interictal and ictal generalized spike-wave discharges in patients with childhood absence epilepsy. Epilepsy Research, 2009, 87, 160-168.	0.8	93
20	Music Composition from the Brain Signal: Representing the Mental State by Music. Computational Intelligence and Neuroscience, 2010, 2010, 1-6.	1.1	92
21	Structural and functional correlates of motor imagery BCI performance: Insights from the patterns of fronto-parietal attention network. NeuroImage, 2016, 134, 475-485.	2.1	90
22	Lp Norm Iterative Sparse Solution for EEG Source Localization. IEEE Transactions on Biomedical Engineering, 2007, 54, 400-409.	2.5	89
23	Music Intervention Leads to Increased Insular Connectivity and Improved Clinical Symptoms in Schizophrenia. Frontiers in Neuroscience, 2017, 11, 744.	1.4	88
24	Reconfiguration of Dynamic Functional Connectivity in Sensory and Perceptual System in Schizophrenia. Cerebral Cortex, 2019, 29, 3577-3589.	1.6	88
25	Bidirectional Control of Absence Seizures by the Basal Ganglia: A Computational Evidence. PLoS Computational Biology, 2014, 10, e1003495.	1.5	87
26	Functional disconnection between the visual cortex and the sensorimotor cortex suggests a potential mechanism for self-disorder in schizophrenia. Schizophrenia Research, 2015, 166, 151-157.	1.1	84
27	Regulation of Irregular Neuronal Firing by Autaptic Transmission. Scientific Reports, 2016, 6, 26096.	1.6	84
28	Differentiation of Schizophrenia by Combining the Spatial EEG Brain Network Patterns of Rest and Task P300. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 594-602.	2.7	84
29	Role of frontal and parietal cortices in the control of bottom-up and top-down attention in humans. Brain Research, 2010, 1344, 173-184.	1.1	83
30	Differentiating Between Psychogenic Nonepileptic Seizures and Epilepsy Based on Common Spatial Pattern of Weighted EEG Resting Networks. IEEE Transactions on Biomedical Engineering, 2014, 61, 1747-1755.	2.5	82
31	Relationships between the resting-state network and the P3: Evidence from a scalp EEG study. Scientific Reports, 2015, 5, 15129.	1.6	81
32	Common and distinct dysfunctional patterns contribute to triple network model in schizophrenia and depression: A preliminary study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 302-310.	2.5	80
33	The Dynamic Brain Networks of Motor Imagery: Time-Varying Causality Analysis of Scalp EEG. International Journal of Neural Systems, 2019, 29, 1850016.	3.2	80
34	Diffusion tensor tractography reveals disrupted structural connectivity in childhood absence epilepsy. Epilepsy Research, 2014, 108, 125-138.	0.8	79
35	The hybrid BCI system for movement control by combining motor imagery and moving onset visual evoked potential. Journal of Neural Engineering, 2017, 14, 026015.	1.8	79
36	Is the Surface Potential Integral of a Dipole in a Volume Conductor Always Zero? A Cloud Over the Average Reference of EEG and ERP. Brain Topography, 2017, 30, 161-171.	0.8	78

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37	An Empirical Bayesian Framework for Brain–Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 521-529.	2.7	76
38	fMRI functional networks for EEG source imaging. Human Brain Mapping, 2011, 32, 1141-1160.	1.9	76
39	Frequency-difference-dependent stochastic resonance in neural systems. Physical Review E, 2017, 96, 022415.	0.8	74
40	Correlated Component Analysis for Enhancing the Performance of SSVEP-Based Brain-Computer Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 948-956.	2.7	74
41	Compression of Cerebellar Functional Gradients in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 1282-1295.	2.3	74
42	A Self-Coherence Enhancement Algorithm and its Application to Enhancing Three-Dimensional Source Estimation from EEGs. Annals of Biomedical Engineering, 2001, 29, 1019-1027.	1.3	73
43	EEG/fMRI fusion based on independent component analysis: Integration of data-driven and model-driven methods. Journal of Integrative Neuroscience, 2012, 11, 313-337.	0.8	73
44	Altered Structural and Functional Feature of Striato-Cortical Circuit in Benign Epilepsy with Centrotemporal Spikes. International Journal of Neural Systems, 2015, 25, 1550027.	3.2	73
45	Enhanced functional connectivity and increased gray matter volume of insula related to action video game playing. Scientific Reports, 2015, 5, 9763.	1.6	72
46	The effect of reference choices on the spatio-temporal analysis of brain evoked potentials: The use of infinite reference. Computers in Biology and Medicine, 2007, 37, 1529-1538.	3.9	71
47	Why do we need to use a zero reference? Reference influences on the <scp>ERPs</scp> of audiovisual effects. Psychophysiology, 2013, 50, 1282-1290.	1.2	71
48	Z-Score Linear Discriminant Analysis for EEG Based Brain-Computer Interfaces. PLoS ONE, 2013, 8, e74433.	1.1	71
49	Progressive Reduction in Gray Matter in Patients with Schizophrenia Assessed with MR Imaging by Using Causal Network Analysis. Radiology, 2018, 287, 633-642.	3.6	71
50	Long-Term Effects of Musical Training and Functional Plasticity in Salience System. Neural Plasticity, 2014, 2014, 1-13.	1.0	67
51	Shared abnormality of white matter integrity in schizophrenia and bipolar disorder: A comparative voxel-based meta-analysis. Schizophrenia Research, 2017, 185, 41-50.	1.1	67
52	Two-Stage Frequency Recognition Method Based on Correlated Component Analysis for SSVEP-Based BCI. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1314-1323.	2.7	67
53	Frequency detection with stability coefficient for steady-state visual evoked potential (SSVEP)-based BCIs. Journal of Neural Engineering, 2008, 5, 36-43.	1.8	65
54	The extraction of motion-onset VEP BCI features based on deep learning and compressed sensing. Journal of Neuroscience Methods, 2017, 275, 80-92.	1.3	65

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55	Altered resting–state connectivity during interictal generalized spike–wave discharges in drug–naïve childhood absence epilepsy. Human Brain Mapping, 2013, 34, 1761-1767.	1.9	63
56	Different Decision-Making Responses Occupy Different Brain Networks for Information Processing: A Study Based on EEG and TMS. Cerebral Cortex, 2019, 29, 4119-4129.	1.6	63
57	How do reference montage and electrodes setup affect the measured scalp EEG potentials?. Journal of Neural Engineering, 2018, 15, 026013.	1.8	62
58	Altered resting state functional network connectivity in children absence epilepsy. Journal of the Neurological Sciences, 2015, 354, 79-85.	0.3	61
59	Predicting Inter-session Performance of SMR-Based Brain–Computer Interface Using the Spectral Entropy of Resting-State EEG. Brain Topography, 2015, 28, 680-690.	0.8	60
60	Dysfunctional white–matter networks in medicated and unmedicated benign epilepsy with centrotemporal spikes. Human Brain Mapping, 2019, 40, 3113-3124.	1.9	60
61	Reduction in gray matter of cerebellum in schizophrenia and its influence on static and dynamic connectivity. Human Brain Mapping, 2019, 40, 517-528.	1.9	59
62	Aberrant Thalamocortical Connectivity in Juvenile Myoclonic Epilepsy. International Journal of Neural Systems, 2018, 28, 1750034.	3.2	58
63	Critical Roles of the Direct GABAergic Pallido-cortical Pathway in Controlling Absence Seizures. PLoS Computational Biology, 2015, 11, e1004539.	1.5	58
64	Electric potential produced by a dipole in a homogeneous conducting sphere. IEEE Transactions on Biomedical Engineering, 2000, 47, 964-966.	2.5	56
65	Common and distinct changes of default mode and salience network in schizophrenia and major depression. Brain Imaging and Behavior, 2018, 12, 1708-1719.	1.1	56
66	White matter impairment in the basal ganglia-thalamocortical circuit of drug-naïve childhood absence epilepsy. Epilepsy Research, 2012, 99, 267-273.	0.8	55
67	Altered Basal Ganglia Network Integration in Schizophrenia. Frontiers in Human Neuroscience, 2015, 9, 561.	1.0	55
68	A study on the reference electrode standardization technique for a realistic head model. Computer Methods and Programs in Biomedicine, 2004, 76, 229-238.	2.6	54
69	Patient-specific connectivity pattern of epileptic network in frontal lobe epilepsy. NeuroImage: Clinical, 2014, 4, 668-675.	1.4	54
70	Neuroscience Information Toolbox: An Open Source Toolbox for EEG–fMRI Multimodal Fusion Analysis. Frontiers in Neuroinformatics, 2018, 12, 56.	1.3	54
71	Functional Integration between Salience and Central Executive Networks: A Role for Action Video Game Experience. Neural Plasticity, 2016, 2016, 1-9.	1.0	53
72	Functional importance of noise in neuronal information processing. Europhysics Letters, 2018, 124, 50001.	0.7	53

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73	A study on the neural mechanism of inhibition of return by the event-related potential in the Go/Nogo task. Biological Psychology, 2008, 79, 171-178.	1.1	51
74	Diffusion and volumetry abnormalities in subcortical nuclei of patients with absence seizures. Epilepsia, 2011, 52, 1092-1099.	2.6	51
75	A parallel framework for simultaneous EEG/fMRI analysis: Methodology and simulation. NeuroImage, 2010, 52, 1123-1134.	2.1	50
76	Prediction of SSVEP-based BCI performance by the resting-state EEG network. Journal of Neural Engineering, 2013, 10, 066017.	1.8	50
77	The extension of multivariate synchronization index method for SSVEP-based BCI. Neurocomputing, 2017, 269, 226-231.	3.5	49
78	An Enhanced Probabilistic LDA for Multi-Class Brain Computer Interface. PLoS ONE, 2011, 6, e14634.	1.1	49
79	Multimodal Functional Network Connectivity: An EEG-fMRI Fusion in Network Space. PLoS ONE, 2011, 6, e24642.	1.1	48
80	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. NeuroImage, 2020, 205, 116285.	2.1	48
81	Complex dischargeâ€affecting networks in juvenile myoclonic epilepsy: A simultaneous EEGâ€fMRI study. Human Brain Mapping, 2016, 37, 3515-3529.	1.9	47
82	Transdiagnostic differences in the resting-state functional connectivity of the prefrontal cortex in depression and schizophrenia. Journal of Affective Disorders, 2017, 217, 118-124.	2.0	47
83	Predicting individual decision-making responses based on single-trial EEG. NeuroImage, 2020, 206, 116333.	2.1	47
84	Mozart, Mozart Rhythm and Retrograde Mozart Effects: Evidences from Behaviours and Neurobiology Bases. Scientific Reports, 2016, 6, 18744.	1.6	46
85	Resting-state functional connectivity in anterior cingulate cortex in normal aging. Frontiers in Aging Neuroscience, 2014, 6, 280.	1.7	45
86	Altered intrinsic functional connectivity of the salience network in childhood absence epilepsy. Journal of the Neurological Sciences, 2014, 339, 189-195.	0.3	45
87	Robust removal of ocular artifacts by combining Independent Component Analysis and system identification. Biomedical Signal Processing and Control, 2014, 10, 250-259.	3.5	45
88	Robust frequency recognition for SSVEP-based BCI with temporally local multivariate synchronization index. Cognitive Neurodynamics, 2016, 10, 505-511.	2.3	45
89	Aberrant Prefrontalâ€"Thalamicâ€"Cerebellar Circuit in Schizophrenia and Depression: Evidence From a Possible Causal Connectivity. International Journal of Neural Systems, 2019, 29, 1850032.	3.2	45
90	Music exposure improves spatial cognition by enhancing the BDNF level of dorsal hippocampal subregions in the developing rats. Brain Research Bulletin, 2016, 121, 131-137.	1.4	43

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91	Robust Softmax Regression for Multi-class Classification with Self-Paced Learning. , 2017, , .		42
92	High-resolution EEG: on the cortical equivalent dipole layer imaging. Clinical Neurophysiology, 2002, 113, 227-235.	0.7	41
93	Scale-Free Brain-Wave Music from Simultaneously EEG and fMRI Recordings. PLoS ONE, 2012, 7, e49773.	1.1	41
94	Rapid Improvement in Visual Selective Attention Related to Action Video Gaming Experience. Frontiers in Human Neuroscience, 2018, 12, 47.	1.0	40
95	Noise-assisted multivariate empirical mode decomposition for multichannel EMG signals. BioMedical Engineering OnLine, 2017, 16, 107.	1.3	39
96	Removal of the ocular artifacts from EEG data using a cascaded spatio-temporal processing. Computer Methods and Programs in Biomedicine, 2006, 83, 95-103.	2.6	36
97	L1 Norm based common spatial patterns decomposition for scalp EEG BCI. BioMedical Engineering OnLine, 2013, 12, 77.	1.3	36
98	Cortical network properties revealed by SSVEP in anesthetized rats. Scientific Reports, 2013, 3, 2496.	1.6	36
99	Identifying enhanced cortico-basal ganglia loops associated with prolonged dance training. Scientific Reports, 2015, 5, 10271.	1.6	36
100	Separated Channel Attention Convolutional Neural Network (SC-CNN-Attention) to Identify ADHD in Multi-Site Rs-fMRI Dataset. Entropy, 2020, 22, 893.	1.1	36
101	A Longitudinal Study on Children's Music Training Experience and Academic Development. Scientific Reports, 2014, 4, 5854.	1.6	35
102	Autoregressive model in the Lp norm space for EEG analysis. Journal of Neuroscience Methods, 2015, 240, 170-178.	1.3	35
103	Altered Dynamic Functional Network Connectivity in Frontal Lobe Epilepsy. Brain Topography, 2019, 32, 394-404.	0.8	35
104	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. Psychological Medicine, 2023, 53, 771-784.	2.7	35
105	Functional abnormalities of the right posterior insula are related to the altered self-experience in schizophrenia. Psychiatry Research - Neuroimaging, 2016, 256, 26-32.	0.9	34
106	SSVEP Response Is Related to Functional Brain Network Topology Entrained by the Flickering Stimulus. PLoS ONE, 2013, 8, e72654.	1.1	33
107	Altered Intrinsic Regional Activity and Interregional Functional Connectivity in Post-stroke Aphasia. Scientific Reports, 2016, 6, 24803.	1.6	33
108	Microstructural alterations of white matter in juvenile myoclonic epilepsy. Epilepsy Research, 2017, 135, 1-8.	0.8	33

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109	Increased resting-state global functional connectivity density of default mode network in schizophrenia subjects treated with electroconvulsive therapy. Schizophrenia Research, 2018, 197, 192-199.	1.1	33
110	Predicting individual decision-making responses based on the functional connectivity of resting-state EEG. Journal of Neural Engineering, 2019, 16, 066025.	1.8	33
111	Evaluation of functional connectivity in subdivisions of the thalamus in schizophrenia. British Journal of Psychiatry, 2019, 214, 288-296.	1.7	33
112	Using particle swarm to select frequency band and time interval for feature extraction of EEG based BCI. Biomedical Signal Processing and Control, 2014, 10, 289-295.	3.5	32
113	Altered Local Spontaneous Brain Activity in Juvenile Myoclonic Epilepsy: A Preliminary Resting-State fMRI Study. Neural Plasticity, 2016, 2016, 1-7.	1.0	31
114	Beyond the Arcuate Fasciculus: Damage to Ventral and Dorsal Language Pathways in Aphasia. Brain Topography, 2017, 30, 249-256.	0.8	31
115	The Functional Integration in the Sensory-Motor System Predicts Aging in Healthy Older Adults. Frontiers in Aging Neuroscience, 2016, 8, 306.	1.7	31
116	Causal interactions in resting-state networks predict perceived loneliness. PLoS ONE, 2017, 12, e0177443.	1.1	31
117	Brain Network Reconfiguration During Motor Imagery Revealed by a Large-Scale Network Analysis of Scalp EEG. Brain Topography, 2019, 32, 304-314.	0.8	31
118	Neuroelectric source imaging using 3SCO: A space coding algorithm based on particle swarm optimization and l0 norm constraint. NeuroImage, 2010, 51, 183-205.	2.1	30
119	Local Temporal Correlation Common Spatial Patterns for Single Trial EEG Classification during Motor Imagery. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-7.	0.7	30
120	Functional Connectivity Alterations in Children with Spastic and Dyskinetic Cerebral Palsy. Neural Plasticity, 2018, 2018, 1-14.	1.0	30
121	Different Contexts in the Oddball Paradigm Induce Distinct Brain Networks in Generating the P300. Frontiers in Human Neuroscience, 2018, 12, 520.	1.0	30
122	Transition of brain networks from an interictal to a preictal state preceding a seizure revealed by scalp EEG network analysis. Cognitive Neurodynamics, 2019, 13, 175-181.	2.3	30
123	The Lateralization of Intrinsic Networks in the Aging Brain Implicates the Effects of Cognitive Training. Frontiers in Aging Neuroscience, 2016, 8, 32.	1.7	29
124	EEG-Based Identity Authentication Framework Using Face Rapid Serial Visual Presentation with Optimized Channels. Sensors, 2019, 19, 6.	2.1	29
125	Dissociation of tone and vowel processing in <scp>M</scp>andarin idioms. Psychophysiology, 2012, 49, 1179-1190.	1.2	28
126	An Efficient Frequency Recognition Method Based on Likelihood Ratio Test for SSVEP-Based BCI. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-7.	0.7	28

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127	Simultaneous EEG-fMRI: Trial level spatio-temporal fusion for hierarchically reliable information discovery. NeuroImage, 2014, 99, 28-41.	2.1	28
128	Bach Is the Father of Harmony: Revealed by a 1/f Fluctuation Analysis across Musical Genres. PLoS ONE, 2015, 10, e0142431.	1.1	28
129	Exposure to Mozart music reduces cognitive impairment in pilocarpine-induced status epilepticus rats. Cognitive Neurodynamics, 2016, 10, 23-30.	2.3	28
130	Abnormal brain activation during threatening face processing in schizophrenia: A meta-analysis of functional neuroimaging studies. Schizophrenia Research, 2018, 197, 200-208.	1.1	28
131	Sleep Quality and Electroencephalogram Delta Power. Frontiers in Neuroscience, 2021, 15, 803507.	1.4	28
132	Electrophysiological Explorations of the Cause and Effect of Inhibition of Return in a Cue–Target Paradigm. Brain Topography, 2011, 24, 164-182.	0.8	27
133	Scale-Free Brain Quartet: Artistic Filtering of Multi-Channel Brainwave Music. PLoS ONE, 2013, 8, e64046.	1.1	27
134	Bilingual Cognitive Control in Language Switching: An fMRI Study of English-Chinese Late Bilinguals. PLoS ONE, 2014, 9, e106468.	1.1	27
135	Abnormal Functional Connectivity in Cognitive Control Network, Default Mode Network, and Visual Attention Network in Internet Addiction: A Resting-State fMRI Study. Frontiers in Neurology, 2019, 10, 1006.	1.1	27
136	Different patterns of white matter changes after successful surgery of mesial temporal lobe epilepsy. NeuroImage: Clinical, 2019, 21, 101631.	1.4	27
137	Characteristics of disrupted topological organization in white matter functional connectome in schizophrenia. Psychological Medicine, 2022, 52, 1333-1343.	2.7	27
138	The graph theoretical analysis of the SSVEP harmonic response networks. Cognitive Neurodynamics, 2015, 9, 305-315.	2.3	26
139	BOLD-fMRI activity informed by network variation of scalp EEG in juvenile myoclonic epilepsy. NeuroImage: Clinical, 2019, 22, 101759.	1.4	26
140	Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. Frontiers in Computational Neuroscience, 2019, 13, 85.	1.2	26
141	A survey of brain network analysis by electroencephalographic signals. Cognitive Neurodynamics, 2022, 16, 17-41.	2.3	26
142	The Influence of Cognitive Tasks on Different Frequencies Steady-state Visual Evoked Potentials. Brain Topography, 2007, 20, 97-104.	0.8	25
143	The enhanced information flow from visual cortex to frontal area facilitates SSVEP response: evidence from model-driven and data-driven causality analysis. Scientific Reports, 2015, 5, 14765.	1.6	25
144	Increased Insular Connectivity and Enhanced Empathic Ability Associated with Dance/Music Training. Neural Plasticity, 2019, 2019, 1-13.	1.0	25

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145	Reconfiguration of dynamic large‐scale brain network functional connectivity in generalized tonic‐clonic seizures. Human Brain Mapping, 2020, 41, 67-79.	1.9	25
146	Subject inefficiency phenomenon of motor imagery brain-computer interface: Influence factors and potential solutions. Brain Science Advances, 2020, 6, 224-241.	0.3	25
147	White matter structure in loneliness. NeuroReport, 2014, 25, 843-847.	0.6	24
148	Alteration of Basal Ganglia and Right Frontoparietal Network in Early Drug-Naïve Parkinson's Disease during Heat Pain Stimuli and Resting State. Frontiers in Human Neuroscience, 2015, 9, 467.	1.0	24
149	Altered basal ganglia-cortical functional connections in frontal lobe epilepsy: A resting-state fMRI study. Epilepsy Research, 2016, 128, 12-20.	0.8	24
150	The Effects of Music Intervention on Functional Connectivity Strength of the Brain in Schizophrenia. Neural Plasticity, 2018, 2018, 1-10.	1.0	24
151	Dynamic Functional Connectivity Strength Within Different Frequency-Band in Schizophrenia. Frontiers in Psychiatry, 2020, 10, 995.	1.3	24
152	Dual self-paced multi-view clustering. Neural Networks, 2021, 140, 184-192.	3.3	24
153	High-resolution EEG mapping: a radial-basis function based approach to the scalp Laplacian estimate. Clinical Neurophysiology, 2002, 113, 956-967.	0.7	23
154	High-resolution EEG mapping: an equivalent charge-layer approach. Physics in Medicine and Biology, 2003, 48, 1997-2011.	1.6	23
155	Probabilistic Diffusion Tractography Reveals Improvement of Structural Network in Musicians. PLoS ONE, 2014, 9, e105508.	1.1	23
156	Altered functional and effective connectivity in anticorrelated intrinsic networks in children with benign childhood epilepsy with centrotemporal spikes. Medicine (United States), 2016, 95, e3831.	0.4	23
157	Brain variability in dynamic resting-state networks identified by fuzzy entropy: a scalp EEG study. Journal of Neural Engineering, 2021, 18, 046097.	1.8	23
158	Permutation-based time irreversibility in epileptic electroencephalograms. Nonlinear Dynamics, 2020, 100, 907-919.	2.7	23
159	EEG Bands of Wakeful Rest, Slow-Wave and Rapid-Eye-Movement Sleep at Different Brain Areas in Rats. Frontiers in Computational Neuroscience, 2016, 10, 79.	1.2	22
160	Altered Functional Connectivity Density in Subtypes of Parkinson's Disease. Frontiers in Human Neuroscience, 2017, 11, 458.	1.0	22
161	Unified Bayesian Estimator of EEG Reference at Infinity: rREST (Regularized Reference Electrode Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	22
162	Hierarchical feature fusion framework for frequency recognition in SSVEP-based BCIs. Neural Networks, 2019, 119, 1-9.	3.3	22

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163	Low-rank network signatures in the triple network separate schizophrenia and major depressive disorder. NeuroImage: Clinical, 2019, 22, 101725.	1.4	22
164	Attentional orienting and response inhibition: insights from spatial-temporal neuroimaging. Neuroscience Bulletin, 2014, 30, 141-152.	1.5	21
165	The Statistics of EEGÂUnipolar References: Derivations and Properties. Brain Topography, 2019, 32, 696-703.	0.8	21
166	Self-paced multi-task clustering. Neurocomputing, 2019, 350, 212-220.	3.5	21
167	Sparse EEG Source Localization Using LAPPS: Least Absolute l-P (0<p<1) Penalized Solution. IEEE Transactions on Biomedical Engineering, 2019, 66, 1927-1939.	2.5	21
168	Characterizing nonlinear relationships in functional imaging data using eigenspace maximal information canonical correlation analysis (emiCCA). NeuroImage, 2015, 109, 388-401.	2.1	20
169	Altered Hippocampo-Cerebello-Cortical Circuit in Schizophrenia by a Spatiotemporal Consistency and Causal Connectivity Analysis. Frontiers in Neuroscience, 2017, 11, 25.	1.4	20
170	Heterogeneity of synaptic input connectivity regulates spike-based neuronal avalanches. Neural Networks, 2019, 110, 91-103.	3.3	20
171	Alterations of local functional connectivity in lifespan: A restingâ€state fMRI study. Brain and Behavior, 2020, 10, e01652.	1.0	20
172	A Novel Method for Constructing EEG Large-Scale Cortical Dynamical Functional Network Connectivity (dFNC): WTCS. IEEE Transactions on Cybernetics, 2022, 52, 12869-12881.	6.2	20
173	Higher levels of (Internet) Gaming Disorder symptoms according to the WHO and APA frameworks associate with lower striatal volume. Journal of Behavioral Addictions, 2020, 9, 598-605.	1.9	20
174	Incorporating fMRI Functional Networks in EEG Source Imaging: A Bayesian Model Comparison Approach. Brain Topography, 2012, 25, 27-38.	0.8	19
175	The Multiple-Demand System in the Novelty of Musical Improvisation: Evidence from an MRI Study on Composers. Frontiers in Neuroscience, 2017, 11, 695.	1.4	19
176	Extracting time-frequency feature of single-channel vastus medialis EMG signals for knee exercise pattern recognition. PLoS ONE, 2017, 12, e0180526.	1.1	19
177	The high-working load states induced by action real-time strategy gaming: An EEG power spectrum and network study. Neuropsychologia, 2019, 131, 42-52.	0.7	19
178	Spatio-temporal dynamics of visual selective attention identified by a common spatial pattern decomposition method. Brain Research, 2009, 1282, 84-94.	1.1	18
179	Brain oscillations and electroencephalography scalp networks during tempo perception. Neuroscience Bulletin, 2013, 29, 731-736.	1.5	18
180	Disrupted Intrinsic Local Synchronization in Poststroke Aphasia. Medicine (United States), 2016, 95, e3101.	0.4	18

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181	Robust Granger Analysis in Lp Norm Space for Directed EEG Network Analysis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1959-1969.	2.7	18
182	Disrupted Coupling Between the Spontaneous Fluctuation and Functional Connectivity in Idiopathic Generalized Epilepsy. Frontiers in Neurology, 2018, 9, 838.	1.1	18
183	Altered structural and causal connectivity in frontal lobe epilepsy. BMC Neurology, 2019, 19, 70.	0.8	18
184	Insular changes induced by electroconvulsive therapy response to symptom improvements in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 254-262.	2.5	18
185	Cerebello-cerebral connectivity in idiopathic generalized epilepsy. European Radiology, 2020, 30, 3924-3933.	2.3	18
186	A Long Short-Term Memory Network for Sparse Spatiotemporal EEG Source Imaging. IEEE Transactions on Medical Imaging, 2021, 40, 3787-3800.	5.4	18
187	The theoretical relation of scalp Laplacian and scalp current density of a spherical shell head model. Physics in Medicine and Biology, 2002, 47, 2179-2185.	1.6	17
188	Action Video Game Experience Related to Altered Large-Scale White Matter Networks. Neural Plasticity, 2017, 2017, 1-7.	1.0	17
189	Top-Down Disconnectivity in Schizophrenia During P300 Tasks. Frontiers in Computational Neuroscience, 2018, 12, 33.	1.2	17
190	Amplitude modulation of steady-state visual evoked potentials by event-related potentials in a working memory task. Journal of Biological Physics, 2010, 36, 261-271.	0.7	16
191	The Brain Functional State of Music Creation: an fMRI Study of Composers. Scientific Reports, 2015, 5, 12277.	1.6	16
192	Abnormal asymmetry in benign epilepsy with unilateral and bilateral centrotemporal spikes: A combined fMRI and DTI study. Epilepsy Research, 2017, 135, 56-63.	0.8	16
193	The Construction of Large-Scale Cortical Networks for P300 From Scalp EEG. IEEE Access, 2018, 6, 68498-68506.	2.6	16
194	Electronic-Sports Experience Related to Functional Enhancement in Central Executive and Default Mode Areas. Neural Plasticity, 2019, 2019, 1-7.	1.0	16
195	Shannon entropy and quantitative time irreversibility for different and even contradictory aspects of complex systems. Applied Physics Letters, 2020, 116, .	1.5	16
196	The ER membrane protein complex subunit Emc3 controls angiogenesis via the FZD4/WNT signaling axis. Science China Life Sciences, 2021, 64, 1868-1883.	2.3	16
197	Gaussian source model based iterative algorithm for EEG source imaging. Computers in Biology and Medicine, 2009, 39, 978-988.	3.9	15
198	Imaging foci of epileptic discharges from simultaneous EEG and fMRI using the canonical HRF. Epilepsy Research, 2010, 91, 133-142.	0.8	15

#	Article	IF	Citations
199	Spatiotemporal consistency of local neural activities: A new imaging measure for functional MRI data. Journal of Magnetic Resonance Imaging, 2015, 42, 729-736.	1.9	15
200	Altered intrinsic brain activity in patients with familial cortical myoclonic tremor and epilepsy: An amplitude of low-frequency fluctuation study. Journal of the Neurological Sciences, 2015, 351, 133-139.	0.3	15
201	Altered Structure and Intrinsic Functional Connectivity in Post-stroke Aphasia. Brain Topography, 2018, 31, 300-310.	0.8	15
202	Aberrant Interhemispheric Functional Organization in Children with Dyskinetic Cerebral Palsy. BioMed Research International, 2019, 2019, 1-10.	0.9	15
203	Common increased hippocampal volume but specific changes in functional connectivity in schizophrenia patients in remission and non-remission following electroconvulsive therapy: A preliminary study. NeuroImage: Clinical, 2019, 24, 102081.	1.4	15
204	Computational exploration of dynamic mechanisms of steady state visual evoked potentials at the whole brain level. NeuroImage, 2021, 237, 118166.	2.1	15
205	Differential consequences of orienting attention in parallel and serial search: An ERP study. Brain Research, 2011, 1391, 81-92.	1.1	14
206	Electroencephalogram variations in the Î± band during tempo-specific perception. NeuroReport, 2012, 23, 125-128.	0.6	14
207	Short-term effects of prosocial video games on aggression: an event-related potential study. Frontiers in Behavioral Neuroscience, 2015, 9, 193.	1.0	14
208	Altered Brain Activation in Early Drug-Naive Parkinsonâ€™s Disease during Heat Pain Stimuli: An fMRI Study. Parkinson's Disease, 2015, 2015, 1-8.	0.6	14
209	Common and diagnosis-specific fractional anisotropy of white matter in schizophrenia, bipolar disorder, and major depressive disorder: Evidence from comparative voxel-based meta-analysis. Schizophrenia Research, 2018, 193, 456-458.	1.1	14
210	Altered activity and information flow in the default mode network of pilocarpine-induced epilepsy rats. Brain Research, 2018, 1696, 71-80.	1.1	14
211	A Reduction in Video Gaming Time Produced a Decrease in Brain Activity. Frontiers in Human Neuroscience, 2019, 13, 134.	1.0	14
212	BOLD-fMRI reveals the association between renal oxygenation and functional connectivity in the aging brain. NeuroImage, 2019, 186, 510-517.	2.1	14
213	Aberrant Connectivity During Pilocarpine-Induced Status Epilepticus. International Journal of Neural Systems, 2020, 30, 1950029.	3.2	14
214	Time-delimited signaling of MET receptor tyrosine kinase regulates cortical circuit development and critical period plasticity. Molecular Psychiatry, 2021, 26, 3723-3736.	4.1	14
215	Altered Static and Dynamic Spontaneous Neural Activity in Drug-NaÃ¯ve and Drug-Receiving Benign Childhood Epilepsy With Centrotemporal Spikes. Frontiers in Human Neuroscience, 2020, 14, 361.	1.0	14
216	SWS Brain-Wave Music May Improve the Quality of Sleep: An EEG Study. Frontiers in Neuroscience, 2020, 14, 67.	1.4	14

#	ARTICLE	IF	CITATIONS
217	Identifying Refractory Epilepsy Without Structural Abnormalities by Fusing the Common Spatial Patterns of Functional and Effective EEG Networks. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 708-717.	2.7	14
218	Adversarial Learning Based Node-Edge Graph Attention Networks for Autism Spectrum Disorder Identification. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-12.	7.2	14
219	The effect of stimulus number on the recognition accuracy and information transfer rate of SSVEPâ€"BCI in augmented reality. Journal of Neural Engineering, 2022, 19, 036010.	1.8	14
220	An Adaptive Motion-Onset VEP-Based Brain-Computer Interface. IEEE Transactions on Autonomous Mental Development, 2015, 7, 349-356.	2.3	13
221	Stochastic fluctuations of permittivity coupling regulate seizure dynamics in partial epilepsy. Science China Technological Sciences, 2017, 60, 995-1002.	2.0	13
222	Lp (pâ€°â‰¤â€°1) Norm Partial Directed Coherence for Directed Network Analysis of Scalp EEGs. Brain Topography, 2018, 31, 738-752.	0.8	13
223	Controversies in EEG Source Imaging and Connectivity: Modeling, Validation, Benchmarking. Brain Topography, 2019, 32, 527-529.	0.8	13
224	Altered asymmetries of diffusion and volumetry in basal ganglia of schizophrenia. Brain Imaging and Behavior, 2021, 15, 782-787.	1.1	13
225	Functionâ€"structure coupling: White matter functional magnetic resonance imaging hyperâ€"activation associates with structural integrity reductions in schizophrenia. Human Brain Mapping, 2021, 42, 4022-4034.	1.9	13
226	Local Multimodal Serial Analysis for Fusing EEG-fMRI: A New Method to Study Familial Cortical Myoclonic Tremor and Epilepsy. IEEE Transactions on Autonomous Mental Development, 2015, 7, 311-319.	2.3	12
227	Altered local spontaneous activity in frontal lobe epilepsy: a restingâ€"state functional magnetic resonance imaging study. Brain and Behavior, 2016, 6, e00555.	1.0	12
228	Attentional control underlies the perceptual load effect: Evidence from voxel-wise degree centrality and resting-state functional connectivity. Neuroscience, 2017, 362, 257-264.	1.1	12
229	Constructing large-scale cortical brain networks from scalp EEG with Bayesian nonnegative matrix factorization. Neural Networks, 2020, 125, 338-348.	3.3	12
230	Correlation Analysis of EEG Brain Network With Modulated Acoustic Stimulation for Chronic Tinnitus Patients. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 156-162.	2.7	12
231	Rehabilitation of motor function in children with cerebral palsy based on motor imagery. Cognitive Neurodynamics, 2021, 15, 939-948.	2.3	12
232	Distinct effects of the basal ganglia and cerebellum on the thalamocortical pathway in idiopathic generalized epilepsy. Human Brain Mapping, 2021, 42, 3440-3449.	1.9	12
233	Temporal Dynamics in Degree Centrality of Brain Functional Connectome in First-Episode Schizophrenia with Different Short-Term Treatment Responses: A Longitudinal Study. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 1505-1516.	1.0	12
234	Facilitation or disengagement? Attention bias in facial affect processing after short-term violent video game exposure. PLoS ONE, 2017, 12, e0172940.	1.1	12

#	Article	IF	Citations
235	Equivalent physical models and formulation of equivalent source layer in high-resolution EEG imaging. Physics in Medicine and Biology, 2003, 48, 3475-3483.	1.6	11
236	Equivalent Charge Source Model Based Iterative Maximum Neighbor Weight for Sparse EEG Source Localization. Annals of Biomedical Engineering, 2008, 36, 2051-2067.	1.3	11
237	Cortical Dynamic Causality Network for Auditory-Motor Tasks. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 25, 1-1.	2.7	11
238	Balanced self-paced learning with feature corruption. , 2017, , .		11
239	Bacomics: a comprehensive cross area originating in the studies of various brainâ€"apparatus conversations. Cognitive Neurodynamics, 2020, 14, 425-442.	2.3	11
240	Discrimination of Tourette Syndrome Based on the Spatial Patterns of the Restingâ€"State EEG Network. Brain Topography, 2021, 34, 78-87.	0.8	11
241	How Alpha Rhythm Spatiotemporally Acts Upon the Thalamus-Default Mode Circuit in Idiopathic Generalized Epilepsy. IEEE Transactions on Biomedical Engineering, 2021, 68, 1282-1292.	2.5	11
242	Reconfiguration of Brain Network Between Resting State and P300 Task. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 383-390.	2.6	11
243	Reference Electrode Standardization Interpolation Technique (RESIT): A Novel Interpolation Method for Scalp EEG. Brain Topography, 2021, 34, 403-414.	0.8	11
244	WeBrain: A web-based brainformatics platform of computational ecosystem for EEG big data analysis. NeuroImage, 2021, 245, 118713.	2.1	11
245	A study of equivalent source techniques for high-resolution EEG imaging*. Physics in Medicine and Biology, 2001, 46, 2255-2266.	1.6	10
246	High-resolution electroencephalogram (EEG) mapping: scalp charge layer. Physics in Medicine and Biology, 2004, 49, 5073-5086.	1.6	10
247	Partial information can be transmitted in an auditory channel: Inferences from lateralized readiness potentials. Psychophysiology, 2012, 49, 499-503.	1.2	10
248	Whole-brain functional connectome-based multivariate classification of post-stroke aphasia. Neurocomputing, 2017, 269, 199-205.	3.5	10
249	The Time-Varying Network Patterns in Motor Imagery Revealed by Adaptive Directed Transfer Function Analysis for fMRI. IEEE Access, 2018, 6, 60339-60352.	2.6	10
250	Reconfiguration patterns of large-scale brain networks in motor imagery. Brain Structure and Function, 2019, 224, 553-566.	1.2	10
251	Multivariate Analysis of Joint Motion Data by Kinect: Application to Parkinsonâ€™s Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 181-190.	2.7	10
252	Assessment of Balance Control Subsystems by Artificial Intelligence. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 658-668.	2.7	10

#	Article	IF	Citations
253	The flexibility of partial information transmission in the auditory channel: The role of perceptual discriminability. Psychophysiology, 2012, 49, 1394-1400.	1.2	9
254	Integration of Consonant and Pitch Processing as Revealed by the Absence of Additivity in Mismatch Negativity. PLoS ONE, 2012, 7, e38289.	1.1	9
255	How Cognitive Plasticity Resolves the Brain's Information Processing Dilemma. Scientific Reports, 2013, 3, 2860.	1.6	9
256	Abnormal small-world brain functional networks in obsessive-compulsive disorder patients with poor insight. Journal of Affective Disorders, 2017, 219, 119-125.	2.0	9
257	Gait Influence Diagrams in Parkinson's Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1257-1267.	2.7	9
258	Reentrant Information Flow in Electrophysiological Rat Default Mode Network. Frontiers in Neuroscience, 2017, 11, 93.	1.4	9
259	Periodic Visual Stimulation Induces Resting-State Brain Network Reconfiguration. Frontiers in Computational Neuroscience, 2018, 12, 21.	1.2	9
260	A Comparative Study of Different EEG Reference Choices for Event-Related Potentials Extracted by Independent Component Analysis. Frontiers in Neuroscience, 2019, 13, 1068.	1.4	9
261	Sparse Autoregressive Modeling via the Least Absolute LP-Norm Penalized Solution. IEEE Access, 2019, 7, 40959-40968.	2.6	9
262	Altered Functional Connectivity after Epileptic Seizure Revealed by Scalp EEG. Neural Plasticity, 2020, 2020, 1-8.	1.0	9
263	Dynamic Temporospatial Patterns of Functional Connectivity and Alterations in Idiopathic Generalized Epilepsy. International Journal of Neural Systems, 2020, 30, 2050065.	3.2	9
264	The Modulation of Reward and Habit Systems by Acupuncture in Adolescents with Internet Addiction. Neural Plasticity, 2020, 2020, 1-9.	1.0	9
265	Directed EEG neural network analysis by LAPPS (p<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 272 Td (xmlns:mml="htt Networks, 2020, 124, 213-222.	3.3	9
266	Induction and propagation of transient synchronous activity in neural networks endowed with short-term plasticity. Cognitive Neurodynamics, 2021, 15, 53-64.	2.3	9
267	Voxel-wise Functional Connectivity of the Default Mode Network in Epilepsies: A Systematic Review and Meta-Analysis. Current Neuropharmacology, 2022, 20, 254-266.	1.4	9
268	Altered Functional Connectivity in Children with ADHD Revealed by Scalp EEG: An ERP Study. Neural Plasticity, 2021, 2021, 1-9.	1.0	9
269	Antipsychotics Effects on Network-Level Reconfiguration of Cortical Morphometry in First-Episode Schizophrenia. Schizophrenia Bulletin, 2022, 48, 231-240.	2.3	9
270	Harmonized-Multinational qEEG norms (HarMNqEEG). NeuroImage, 2022, 256, 119190.	2.1	9

#	Article	IF	Citations
271	A multi-component decomposition algorithm for event-related potentials. Journal of Neuroscience Methods, 2009, 178, 219-227.	1.3	8
272	Long-range correlations of different EEG derivations in rats: sleep stage-dependent generators may play a key role. Physiological Measurement, 2010, 31, 795-808.	1.2	8
273	Movement Symmetry Assessment by Bilateral Motion Data Fusion. IEEE Transactions on Biomedical Engineering, 2019, 66, 225-236.	2.5	8
274	Fusing Canonical Coefficients for Frequency Recognition in SSVEP-Based BCI. IEEE Access, 2019, 7, 52467-52472.	2.6	8
275	Time irreversibility and amplitude irreversibility measures for nonequilibrium processes. Communications in Nonlinear Science and Numerical Simulation, 2021, 96, 105688.	1.7	8
276	MEG Source Localization Using Invariance of Noise Space. PLoS ONE, 2013, 8, e58408.	1.1	8
277	Low Frequency Transcranial Alternating Current Stimulation Accelerates Sleep Onset Process. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2540-2549.	2.7	8
278	Identifying and Predicting Autism Spectrum Disorder Based on Multi-Site Structural MRI With Machine Learning. Frontiers in Human Neuroscience, 2021, 15, 765517.	1.0	8
279	Source potential mapping: a new modality to image neural electric activities. Physics in Medicine and Biology, 2001, 46, 3177-3189.	1.6	7
280	A Radial-Basis Function Based Surface Laplacian Estimate for a Realistic Head Model. Brain Topography, 2004, 17, 55-62.	0.8	7
281	Cortical Mapping of EEG Alpha Power Using a Charge Layer Model. Brain Topography, 2004, 17, 65-71.	0.8	7
282	How do musical tonality and experience affect visual working memory?. NeuroReport, 2016, 27, 94-98.	0.6	7
283	Objects seen as scenes: Neural circuitry for attending whole or parts. NeuroImage, 2020, 210, 116526.	2.1	7
284	Decision-Feedback Stages Revealed by Hidden Markov Modeling of EEG. International Journal of Neural Systems, 2021, 31, 2150031.	3.2	7
285	Recognition of general anesthesia-induced loss of consciousness based on the spatial pattern of the brain networks. Journal of Neural Engineering, 2021, 18, 056039.	1.8	7
286	The time-varying networks of the wrist extension in post-stroke hemiplegic patients. Cognitive Neurodynamics, 2022, 16, 757-766.	2.3	7
287	The relationships between dynamic resting-state networks and social behavior in autism spectrum disorder revealed by fuzzy entropyâ€"based temporal variability analysis of large-scale network. Cerebral Cortex, 2023, 33, 764-776.	1.6	7
288	Constructing Time-Varying Directed EEG Network by Multivariate Nonparametric Dynamical Granger Causality. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1412-1421.	2.7	7

#	Article	IF	Citations
289	Computation for the implicit components of ERP in attention. Brain Topography, 2003, 16, 65-70.	0.8	6
290	A New Method of Spatio-Temporal Topographic Mapping by Correlation Coefficient of K-means Cluster. Brain Topography, 2007, 19, 161-176.	0.8	6
291	Left hemisphere predominance of pilocarpine-induced rat epileptiform discharges. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 42.	2.4	6
292	White Matter Connectivity Pattern Associate with Characteristics of Scalp EEG Signals. Brain Topography, 2017, 30, 797-809.	0.8	6
293	Congestive Heart Failure Detection Via Short-Time Electrocardiographic Monitoring For Fast Reference Advice In Urgent Medical Conditions. , 2018, 2018, 2256-2259.		6
294	Robust brain causality network construction based on Bayesian multivariate autoregression. Biomedical Signal Processing and Control, 2020, 58, 101864.	3.5	6
295	Structural and functional reorganization of contralateral hippocampus after temporal lobe epilepsy surgery. NeuroImage: Clinical, 2021, 31, 102714.	1.4	6
296	Effects of Morning Blue-Green 500‑Šnm Light Therapy on Cognition and Biomarkers in Middle-Aged and Older Adults with Subjective Cognitive Decline and Mild Cognitive Impairment: Study Protocol for a Randomized Controlled Trial. Journal of Alzheimer's Disease, 2021, 83, 1521-1536.	1.2	6
297	Neural Mechanism of Affective Perception: Evidence from Phase and Causality Analysis in the Cerebral Cortex. Neuroscience, 2021, 461, 44-56.	1.1	6
298	Action Video Gaming Experience Related to Altered Resting-State EEG Temporal and Spatial Complexity. Frontiers in Human Neuroscience, 2021, 15, 640329.	1.0	6
299	Disrupted functional connectivity in white matter resting-state networks in unilateral temporal lobe epilepsy. Brain Imaging and Behavior, 2021, , 1.	1.1	6
300	Roles of Very Fast Ripple (500‑1000Hz) in the Hippocampal Network During Status Epilepticus. International Journal of Neural Systems, 2021, 31, 2150002.	3.2	6
301	Identification of the General Anesthesia Induced Loss of Consciousness by Cross Fuzzy Entropy-Based Brain Network. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2281-2291.	2.7	6
302	Altered temporal variability in brain functional connectivity identified by fuzzy entropy underlines schizophrenia deficits. Journal of Psychiatric Research, 2022, 148, 315-324.	1.5	6
303	Predicting the Symptom Severity in Autism Spectrum Disorder Based on EEG Metrics. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1898-1907.	2.7	6
304	Study of complex huygens' principle. Journal of Infrared, Millimeter and Terahertz Waves, 1995, 16, 831-838.	0.6	5
305	Constructing EEG Large-Scale Cortical Functional Network Connectivity Based on Brain Atlas by S Estimator. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 769-778.	2.6	5
306	The Growing From Adolescence to Adulthood Influences the Decision Strategy to Unfair Situations. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 586-592.	2.6	5

#	Article	IF	Citations
307	Detecting the Information of Functional Connectivity Networks in Normal Aging Using Deep Learning From a Big Data Perspective. Frontiers in Neuroscience, 2019, 13, 1435.	1.4	5
308	Rhythmic Network Modulation to Thalamocortical Couplings in Epilepsy. International Journal of Neural Systems, 2020, 30, 2050014.	3.2	5
309	Identifying Internet Addiction and Evaluating the Efficacy of Treatment Based on Functional Connectivity Density: A Machine Learning Study. Frontiers in Neuroscience, 2021, 15, 665578.	1.4	5
310	The Decision Strategies of Adolescents with Different Emotional Stabilities in Unfair Situations. Neuroscience Bulletin, 2021, 37, 1481-1486.	1.5	5
311	Dynamic corticomuscular multi-regional modulations during finger movement revealed by time-varying network analysis. Journal of Neural Engineering, 2022, 19, 036014.	1.8	5
312	The Task-Dependent Modular Covariance Networks Unveiled by Multiple-Way Fusion-Based Analysis. International Journal of Neural Systems, 2022, 32, .	3.2	5
313	IMPROVED BEAMFORMER WITH WEIGHTED SOURCE REGION SUPPRESSION FOR COHERENT MEG SOURCE LOCALIZATION. Biomedical Engineering - Applications, Basis and Communications, 2010, 22, 239-248.	0.3	4
314	COHERENT MEG/EEG SOURCE LOCALIZATION IN TRANSFORMED DATA SPACE. Biomedical Engineering - Applications, Basis and Communications, 2010, 22, 351-365.	0.3	4
315	MMN evidence for asymmetry in detection of IOI shortening and lengthening at behavioral indifference tempo. Brain Research, 2011, 1367, 170-180.	1.1	4
316	Can Computer-Based Cognitive Therapy Become a Front-Line Option for Prevention and Treatment of Mental Disorders?. American Journal of Psychiatry, 2017, 174, 303-304.	4.0	4
317	Generate the scale-free brain music from BOLD signals. Medicine (United States), 2018, 97, e9628.	0.4	4
318	An Adaptive Calibration Framework for mVEP-Based Brain-Computer Interface. Computational and Mathematical Methods in Medicine, 2018, 2018, 1-14.	0.7	4
319	<p>Sad Music Modulates Pain Perception: An EEG Study</p>. Journal of Pain Research, 2020, Volume 13, 2003-2012.	0.8	4
320	Noise-assisted multivariate empirical mode decomposition based causal decomposition for brain-physiological network in bivariate and multiscale time series. Journal of Neural Engineering, 2021, 18, 046018.	1.8	4
321	Dynamic Configuration of Coactive Micropatterns in the Default Mode Network During Wakefulness and Sleep. Brain Connectivity, 2021, 11, 471-482.	0.8	4
322	State-independent and state-dependent patterns in the rat default mode network. NeuroImage, 2021, 237, 118148.	2.1	4
323	The effects of antipsychotics on interactions of dynamic functional connectivity in the triple-network in first episode schizophrenia. Schizophrenia Research, 2021, 236, 29-37.	1.1	4
324	Residual contrast response in primary visual cortex of rats with inherited retinal degeneration. Vision Research, 2020, 177, 6-11.	0.7	4

#	Article	IF	Citations
325	Assessing residual motor function in patients with disorders of consciousness by brain network properties of task-state EEG. Cognitive Neurodynamics, 2022, 16, 609-620.	2.3	4
326	Stability Analysis of fMRI BOLD Signals for Disease Diagnosis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 967-978.	2.7	4
327	L1-norm based time-varying brain neural network and its application to dynamic analysis for motor imagery. Journal of Neural Engineering, 2022, 19, 026019.	1.8	4
328	Atypical Antipsychotics Mediate Dynamics of Intrinsic Brain Activity in Early-Stage Schizophrenia? A Preliminary Study. Psychiatry Investigation, 2021, 18, 1205-1212.	0.7	4
329	Causal Inference Based on the Analysis of Events of Relations for Non-stationary Variables. Scientific Reports, 2016, 6, 29192.	1.6	3
330	Identification of Neuromuscular Causal Relationship Between Brain and Muscles in Limb Movement by Using Ensemble Empirical Mode Decomposition based Causal Decomposition. , 2019, 2019, 2667-2670.		3
331	Visual Evoked Response Modulation Occurs in a Complementary Manner Under Dynamic Circuit Framework. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 2005-2014.	2.7	3
332	Dynamics of Blink and Non-Blink Cyclicity for Affective Assessment: A Case Study for Stress Identification. IEEE Transactions on Affective Computing, 2022, 13, 689-699.	5.7	3
333	Insights on the role of external globus pallidus in controlling absence seizures. Neural Networks, 2021, 135, 78-90.	3.3	3
334	Robust Autoregression with Exogenous Input Model for System Identification and Predicting. Electronics (Switzerland), 2021, 10, 755.	1.8	3
335	Connective profiles and antagonism between dynamic and static connectivity underlying generalized epilepsy. Brain Structure and Function, 2021, 226, 1423-1435.	1.2	3
336	Distribution of equal states for amplitude fluctuations in epileptic EEG. Biomedical Signal Processing and Control, 2021, 69, 102738.	3.5	3
337	Structural and Functional MRI Brain Changes in Patients with Schizophrenia Following Electroconvulsive Therapy: A Systematic Review. Current Neuropharmacology, 2021, 19, .	1.4	3
338	The Benefits of Music Listening for Induced State Anxiety: Behavioral and Physiological Evidence. Brain Sciences, 2021, 11, 1332.	1.1	3
339	Temporoparietal Connectivity Within Default Mode Network Associates With Clinical Improvements in Schizophrenia Following Modified Electroconvulsive Therapy. Frontiers in Psychiatry, 2021, 12, 768279.	1.3	3
340	Dynamic networks of P300-related process. Cognitive Neurodynamics, 0, , 1.	2.3	3
341	Vascular feature as a modulator of the aging brain. Cerebral Cortex, 2022, 32, 5609-5621.	1.6	3
342	Causality Analysis to the Abnormal Subcortical–Cortical Connections in Idiopathic-Generalized Epilepsy. Frontiers in Neuroscience, 0, 16, .	1.4	3

#	ARTICLE	IF	CITATIONS
343	Recognition of the Multi-class Schizophrenia Based on the Resting-State EEG Network Topology. Brain Topography, 2022, 35, 495-506.	0.8	3
344	The Mechanism of Involuntary Visual Spatial Attention Revealed by a New Linear Computation Model. Brain Topography, 2006, 18, 249-256.	0.8	2
345	Emotion Recognition with the Feature extracted from brain Networks. , 2019, , .		2
346	Differences in Intersubject Early Readiness Potentials Between Voluntary and Instructed Actions. Frontiers in Psychology, 2020, 11, 529821.	1.1	2
347	Altered Coactive Micropattern Connectivity in the Default-Mode Network during the Sleep-Wake Cycle. Neural Plasticity, 2020, 2020, 1-13.	1.0	2
348	Chinese and Western Musical Training Impacts the Circuit in Auditory and Reward Systems. Frontiers in Neuroscience, 2021, 15, 663015.	1.4	2
349	Altered Spatial Organization of Dynamic Functional Network Associates With Deficient Sensory and Perceptual Network in Schizophrenia. Frontiers in Psychiatry, 2021, 12, 687580.	1.3	2
350	Gait Analysis by Causal Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 953-964.	2.7	2
351	High-dimensional Similarity Learning via Dual-sparse Random Projection. , 2018, , .		2
352	Surface-Based Spontaneous Oscillation in Schizophrenia: A Resting-State Functional Magnetic Resonance Imaging Study. Frontiers in Human Neuroscience, 2021, 15, 750879.	1.0	2
353	Collision detection using a neurual computational model. , 2010, , .		1
354	Enhanced Z-LDA for Small Sample Size Training in Brain-Computer Interface Systems. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-7.	0.7	1
355	Self-connection of Thalamic Reticular Nucleus Modulating Absence Seizures. Lecture Notes in Computer Science, 2017, , 613-621.	1.0	1
356	Mesoscopic Brainformatics. Lecture Notes in Computer Science, 2017, , 315-324.	1.0	1
357	Improved Graph Embedding for Robust Recognition with outliers. Scientific Reports, 2018, 8, 4231.	1.6	1
358	Establishing the first theoretical basis of neuronal chimera states. Physics of Life Reviews, 2019, 28, 122-124.	1.5	1
359	Monocular Visual Deprivation and Ocular Dominance Plasticity Measurement in the Mouse Primary Visual Cortex. Journal of Visualized Experiments, 2020, , .	0.2	1
360	Probing the Functional and Structural Connectivity Underlying EEG Traveling Waves. Brain Topography, 2022, 35, 66-78.	0.8	1

#	Article	IF	Citations
361	Time-estimation process could cause the disappearence of readiness potential. Cognitive Neurodynamics, 2022, 16, 1003-1011.	2.3	1
362	Association of genetic variants in *PDGFRA* with high myopia in the Han population of southwestern China. Ophthalmic Genetics, 2022, 43, 184-190.	0.5	1
363	Layer-specific population rate coding in a local cortical model with a laminar structure. Nonlinear Dynamics, 2022, 109, 1107-1121.	2.7	1
364	Hemodynamic response function in temporal lobe epilepsy with interictal regional slow wave: An EEG-fMRI study. , 2010, , .		0
365	Reduced functinal connetivity between mediodorsal thalamic nucleus and anterior cingulated cortex in absence epilepsy. , 2010, , .		0
366	The Electrode Registration System Based on the Scale ICP. , 2013, , .		0
367	SSVEP Responses Reveal the Efficiency of Functional Brain Network Entrained by the Flickering Stimulus. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 619-623.	0.4	0
368	Electroencephalogram Î³-band activity during the perception of music key levels. NeuroReport, 2013, 24, 186-189.	0.6	0
369	Functional abnormalities of striatum are related to the season-specific effect on schizophrenia. Brain Imaging and Behavior, 2021, 15, 2347-2355.	1.1	0
370	Coherent Sources Mapping by K-Means Cluster and Correlation Coefficient. Lecture Notes in Computer Science, 2006, , 237-240.	1.0	0
371	A Study on the Filter Effect for Calculating the Mass Center of the Traveling Alpha Waves. , 2008, , 857-861.		0
372	Effects of transcranial direct current stimulation on brain changes and relation to cognition in patients with schizophrenia: a fMRI study. Brain Imaging and Behavior, 0, , .	1.1	0