Small-world networks and disturbed functional connec

Citation Report

#	ARTICLE	IF	CITATIONS
1	Synchronous Oscillatory Activity and Working Memory in Schizophrenia. Pharmacopsychiatry, 2007, 40, S54-S61.	1.7	16
2	Limbic Structures and Networks in Children and Adolescents With Schizophrenia. Schizophrenia Bulletin, 2007, 34, 18-29.	2.3	69
3	Small-world network organization of functional connectivity of EEG slow-wave activity during sleep. Clinical Neurophysiology, 2007, 118, 449-456.	0.7	123
4	Small-world networks and epilepsy: Graph theoretical analysis of intracerebrally recorded mesial temporal lobe seizures. Clinical Neurophysiology, 2007, 118, 918-927.	0.7	407
5	The application of graph theoretical analysis to complex networks in the brain. Clinical Neurophysiology, 2007, 118, 2317-2331.	0.7	494
6	Small World Networks and the Brain. The Brain & Neural Networks, 2007, 14, 186-197.	0.1	3
7	Identifying directed links in large scale functional networks: application to brain fMRI. BMC Cell Biology, 2007, 8, S5.	3.0	35
8	Graph theoretical analysis of complex networks in the brain. Nonlinear Biomedical Physics, 2007, 1, 3.	1.5	821
9	Working Memory in Schizophrenia: An EEG Study Using Power Spectrum and Coherence Analysis to Estimate Cortical Activation and Network Behavior. Brain Topography, 2008, 21, 128-137.	0.8	65
10	Modern modularity and the road towards a modular psychiatry. European Archives of Psychiatry and Clinical Neuroscience, 2008, 258, 60-65.	1.8	22
11	Heritability of â€œsmallâ€world†networks in the brain: A graph theoretical analysis of restingâ€state EEG functional connectivity. Human Brain Mapping, 2008, 29, 1368-1378.	1.9	247
12	The functional connectivity of different EEG bands moves towards small-world network organization during sleep. Clinical Neurophysiology, 2008, 119, 2026-2036.	0.7	94
13	A Small World of Neuronal Synchrony. Cerebral Cortex, 2008, 18, 2891-2901.	1.6	281
14	Small-world and scale-free organization of voxel-based resting-state functional connectivity in the human brain. NeuroImage, 2008, 43, 528-539.	2.1	679
15	Increased cortico-cortical functional connectivity in early-stage Parkinson's disease: An MEG study. NeuroImage, 2008, 41, 212-222.	2.1	158
16	Novel metrics of functional network structure and their application to the detection and characterisation of Alzheimer&#x2019;s disease. , 2008, , .		1
17	Disrupted small-world networks in schizophrenia. Brain, 2008, 131, 945-961.	3.7	944
18	Microstructural Organization of the Cingulum Tract and the Level of Default Mode Functional Connectivity. Journal of Neuroscience, 2008, 28, 10844-10851.	1.7	301

#	ARTICLE	IF	CITATIONS
19	Mean clustering coefficients: the role of isolated nodes and leafs on clustering measures for small-world networks. New Journal of Physics, 2008, 10, 083042.	1.2	66
20	Brain tumors and epilepsy. Expert Review of Neurotherapeutics, 2008, 8, 941-955.	1.4	55
21	Assessment and Modification of the Tinnitus-Related Cortical Network. Seminars in Hearing, 2008, 29, 270-287.	0.5	19
22	Contribution of Exploratory Methods to the Investigation of Extended Large-Scale Brain Networks in Functional MRI: Methodologies, Results, and Challenges. International Journal of Biomedical Imaging, 2008, 2008, 1-14.	3.0	32
23	Long-Term Effects of Temporal Lobe Epilepsy on Local Neural Networks: A Graph Theoretical Analysis of Corticography Recordings. PLoS ONE, 2009, 4, e8081.	1.1	125
24	Resting Network Plasticity Following Brain Injury. PLoS ONE, 2009, 4, e8220.	1.1	237
25	Stability of small-world networks of neural populations. Neurocomputing, 2009, 72, 1565-1574.	3.5	23
26	Functional neural network analysis in frontotemporal dementia and Alzheimer's disease using EEG and graph theory. BMC Neuroscience, 2009, 10, 101.	0.8	317
27	The influence of ageing on complex brain networks: A graph theoretical analysis. Human Brain Mapping, 2009, 30, 200-208.	1.9	133
28	Smallâ€world properties of nonlinear brain activity in schizophrenia. Human Brain Mapping, 2009, 30, 403-416.	1.9	412
29	Altered smallâ€world brain functional networks in children with attentionâ€deficit/hyperactivity disorder. Human Brain Mapping, 2009, 30, 638-649.	1.9	431
30	Parcellationâ€dependent smallâ€world brain functional networks: A restingâ€state fMRI study. Human Brain Mapping, 2009, 30, 1511-1523.	1.9	585
31	Altered sleep brain functional connectivity in acutely depressed patients. Human Brain Mapping, 2009, 30, 2207-2219.	1.9	132
32	Functionally linked restingâ€state networks reflect the underlying structural connectivity architecture of the human brain. Human Brain Mapping, 2009, 30, 3127-3141.	1.9	907
33	Small worlds and Red Queens in the Global Workspace: An information-theoretic approach. Cognitive Systems Research, 2009, 10, 333-365.	1.9	32
34	Disturbed functional brain networks and neurocognitive function in low-grade glioma patients: a graph theoretical analysis of resting-state MEG. Nonlinear Biomedical Physics, 2009, 3, 9.	1.5	116
35	Complex brain networks: graph theoretical analysis of structural and functional systems. Nature Reviews Neuroscience, 2009, 10, 186-198.	4.9	9,369
36	Dual- and Triple-Acting Agents for Treating Core and Co-morbid Symptoms of Major Depression: Novel Concepts, New Drugs. Neurotherapeutics, 2009, 6, 53-77.	2.1	177

#	ARTICLE	IF	CITATIONS
37	Stochastic resonance on Newman–Watts networks of Hodgkin–Huxley neurons with local periodic driving. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 964-968.	0.9	172
38	Parallel calculation of multi-electrode array correlation networks. Journal of Neuroscience Methods, 2009, 184, 357-364.	1.3	2
39	Graph theoretical analysis of magnetoencephalographic functional connectivity in Alzheimer's disease. Brain, 2009, 132, 213-224.	3.7	895
40	Chaos in schizophrenia associations, reality or metaphor?. International Journal of Psychophysiology, 2009, 73, 179-185.	0.5	24
41	Deviant trajectories of cortical maturation in 22q11.2 deletion syndrome (22q11DS): A cross-sectional and longitudinal study. Schizophrenia Research, 2009, 115, 182-190.	1.1	112
42	Neuronal Networks in Alzheimer's Disease. Neuroscientist, 2009, 15, 333-350.	2.6	210
43	Coordinated Activity in the Brain. , 2009, , .		10
44	Synchronizing Hindmarsh–Rose neurons over Newman–Watts networks. Chaos, 2009, 19, 033103.	1.0	26
45	Reproducibility of graph metrics of human brain functional networks. NeuroImage, 2009, 47, 1460-1468.	2.1	214
46	Simulation of Neuronal Death and Network Recovery in a Computational Model of Distributed Cortical Activity. American Journal of Geriatric Psychiatry, 2009, 17, 210-217.	0.6	32
47	Reproducibility of Graph Metrics in fMRI Networks. Frontiers in Neuroinformatics, 2010, 4, 117.	1.3	88
48	Graph Analysis and Visualization for Brain Function Characterization Using EEG Data. Journal of Healthcare Engineering, 2010, 1, 435-459.	1.1	7
49	A method for evaluating dynamic functional network connectivity and task-modulation: application to schizophrenia. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 351-366.	1.1	544
50	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 409-421.	1.1	245
51	Spontaneous brain activity observed with functional magnetic resonance imaging as a potential biomarker in neuropsychiatric disorders. Cognitive Neurodynamics, 2010, 4, 275-294.	2.3	46
52	Cortical Network Analysis in Patients Affected by Schizophrenia. Brain Topography, 2010, 23, 214-220.	0.8	46
53	Brain networks: Graph theoretical analysis and development models. International Journal of Imaging Systems and Technology, 2010, 20, 108-116.	2.7	7
54	Natural world physical, brain operational, and mind phenomenal space–time. Physics of Life Reviews, 2010, 7, 195-249.	1.5	144

#	ARTICLE	IF	CITATIONS
55	Neural networks and neuro-oncology: the complex interplay between brain tumour, epilepsy and cognition. , 0, , 149-184.		1
56	Using network science to evaluate exercise-associated brain changes in older adults. Frontiers in Aging Neuroscience, 2010, 2, 23.	1.7	223
57	The Lesioned Brain: Still a Small-World?. Frontiers in Human Neuroscience, 2010, 4, 174.	1.0	29
58	Application of Small-World Measures to Multichannel Event-Related Potential Activity during Generation of Global and Local Imagery. Chinese Physics Letters, 2010, 27, 018702.	1.3	2
59	Impaired Efficiency of Functional Networks Underlying Episodic Memory-for-Context in Schizophrenia. Journal of Neuroscience, 2010, 30, 13171-13179.	1.7	79
60	Aberrant Frontal and Temporal Complex Network Structure in Schizophrenia: A Graph Theoretical Analysis. Journal of Neuroscience, 2010, 30, 15915-15926.	1.7	616
61	Functional Brain Imaging in Schizophrenia: Selected Results and Methods. Current Topics in Behavioral Neurosciences, 2010, 4, 181-214.	0.8	58
62	Dynamic functional reorganization of the motor execution network after stroke. Brain, 2010, 133, 1224-1238.	3.7	547
63	Functional Connectivity and Brain Networks in Schizophrenia. Journal of Neuroscience, 2010, 30, 9477-9487.	1.7	1,214
64	Can structure predict function in the human brain?. NeuroImage, 2010, 52, 766-776.	2.1	537
65	Antipsychotics reverse abnormal EEG complexity in drug-naive schizophrenia: A multiscale entropy analysis. NeuroImage, 2010, 51, 173-182.	2.1	236
66	Normal Development of Brain Circuits. Neuropsychopharmacology, 2010, 35, 147-168.	2.8	1,033
67	Age-dependent features of EEG-reactivityâ€"Spectral, complexity, and network characteristics. Neuroscience Letters, 2010, 479, 79-84.	1.0	97
68	Loss of â€˜Small-Worldâ€™ Networks in Alzheimer's Disease: Graph Analysis of fMRI Resting-State Functional Connectivity. PLoS ONE, 2010, 5, e13788.	1.1	523
69	Exploring the brain network: A review on resting-state fMRI functional connectivity. European Neuropsychopharmacology, 2010, 20, 519-534.	0.3	2,656
70	The relationship between structural and functional connectivity: Graph theoretical analysis of an EEG neural mass model. NeuroImage, 2010, 52, 985-994.	2.1	84
71	Identifying population differences in whole-brain structural networks: A machine learning approach. NeuroImage, 2010, 50, 910-919.	2.1	86
72	Surface area and cortical thickness descriptors reveal different attributes of the structural human brain networks. NeuroImage, 2010, 50, 1497-1510.	2.1	177

#	ARTICLE	IF	CITATIONS
73	Self-Sustained Irregular Activity in 2-D Small-World Networks of Excitatory and Inhibitory Neurons. IEEE Transactions on Neural Networks, 2010, 21, 895-905.	4.8	24
74	Phase synchronization based weighted networks for classifying levels of fatigue and sleepiness. , 2010, , .		3
75	Real-time neuronal networks reconstruction using hierarchical systolic arrays. , 2011, 2011, 7298-301.		1
77	Variable Global Dysconnectivity and Individual Differences in Schizophrenia. Biological Psychiatry, 2011, 70, 43-50.	0.7	224
78	General and Specific Functional Connectivity Disturbances in First-Episode Schizophrenia During Cognitive Control Performance. Biological Psychiatry, 2011, 70, 64-72.	0.7	255
79	Error-related medial frontal theta activity predicts cingulate-related structural connectivity. NeuroImage, 2011, 55, 1373-1383.	2.1	200
80	Functional community analysis of brain: A new approach for EEG-based investigation of the brain pathology. NeuroImage, 2011, 58, 401-408.	2.1	154
81	A tutorial in connectome analysis: Topological and spatial features of brain networks. NeuroImage, 2011, 57, 892-907.	2.1	307
82	Frontal areas contribute to reduced global coordination of resting-state gamma activities in drug-naïve patients with schizophrenia. Schizophrenia Research, 2011, 130, 187-194.	1.1	68
83	EEG-based functional networks in schizophrenia. Computers in Biology and Medicine, 2011, 41, 1178-1186.	3.9	68
84	The temporal organization of functional brain connectivity is abnormal in schizophrenia but does not correlate with symptomatology. Consciousness and Cognition, 2011, 20, 1050-1054.	0.8	20
85	Exploring intermediate phenotypes with EEG: Working memory dysfunction in schizophrenia. Behavioural Brain Research, 2011, 216, 481-495.	1.2	46
86	Brain Graphs: Graphical Models of the Human Brain Connectome. Annual Review of Clinical Psychology, 2011, 7, 113-140.	6.3	943
87	Mild traumatic brain injury: Graph-model characterization of brain networks for episodic memory. International Journal of Psychophysiology, 2011, 79, 89-96.	0.5	22
88	The neurophysics of psychiatric diagnosis: Clinical brain profiling. Medical Hypotheses, 2011, 76, 34-49.	0.8	4
89	Magnetic Resonance Imaging and Graph Theoretical Analysis of Complex Brain Networks in Neuropsychiatric Disorders. Brain Connectivity, 2011, 1, 349-365.	0.8	88
90	Altered directional connectivity in Parkinson's disease during performance of a visually guided task. NeuroImage, 2011, 56, 2144-2156.	2.1	27
91	Differentially Expressed Genes in Major Depression Reside on the Periphery of Resilient Gene Coexpression Networks. Frontiers in Neuroscience, 2011, 5, 95.	1.4	33

#	Article	IF	Citations
92	Dissociable Network Properties of Anesthetic State Transitions. Anesthesiology, 2011, 114, 872-881.	1.3	82
93	Altered Small-World Brain Networks in Temporal Lobe in Patients with Schizophrenia Performing an Auditory Oddball Task. Frontiers in Systems Neuroscience, 2011, 5, 7.	1.2	63
94	A strong parietal hub in the <i>small‑world</i> network of coloured‑hearing synaesthetes during resting state EEG. Journal of Neuropsychology, 2011, 5, 178-202.	0.6	46
95	An evolutionary network model of epileptic phenomena. Neurocomputing, 2011, 74, 617-628.	3.5	7
96	A computational model for signaling pathways in bounded small-world networks corresponding to brain size. Neurocomputing, 2011, 74, 3793-3799.	3.5	3
97	Aligning strategies for using EEG as a surrogate biomarker: A review of preclinical and clinical research. Biochemical Pharmacology, 2011, 81, 1408-1421.	2.0	114
98	Characterizing Brain Cortical Plasticity and Network Dynamics Across the Age-Span in Health and Disease with TMS-EEG and TMS-fMRI. Brain Topography, 2011, 24, 302-315.	0.8	318
99	Het verbonden brein. Neuropraxis, 2011, 15, 3-14.	0.1	1
100	Fast and robust image segmentation by small-world neural oscillator networks. Cognitive Neurodynamics, 2011, 5, 209-220.	2.3	15
101	Modulating functional connectivity patterns and topological functional organization of the human brain with transcranial direct current stimulation. Human Brain Mapping, 2011, 32, 1236-1249.	1.9	361
102	Integrative Etiopathogenetic Models of Psychotic Disorders: Methods, Evidence and Concepts. Schizophrenia Bulletin, 2011, 37, S5-S12.	2.3	12
103	Fast computation of functional networks from fMRI activity: a multi-platform comparison. Proceedings of SPIE, 2011, , .	0.8	2
104	Gyrification and neural connectivity in schizophrenia. Development and Psychopathology, 2011, 23, 339-352.	1.4	107
105	CONSTRUCTING BRAIN FUNCTIONAL NETWORKS FROM EEG: PARTIAL AND UNPARTIAL CORRELATIONS. Journal of Integrative Neuroscience, 2011, 10, 213-232.	0.8	48
106	Redundancy as a Graph-Based Index of Frequency Specific MEG Functional Connectivity. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-9.	0.7	14
107	Voxel Scale Complex Networks of Functional Connectivity in the Rat Brain: Neurochemical State Dependence of Global and Local Topological Properties. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-15.	0.7	6
108	An Analytical Approach to Network Motif Detection in Samples of Networks with Pairwise Different Vertex Labels. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-12.	0.7	5
109	Synchronization dynamics and evidence for a repertoire of network states in resting EEG. Frontiers in Computational Neuroscience, 2012, 6, 74.	1.2	92

#	Article	IF	Citations
110	The Integration of the Glutamatergic and the White Matter Hypotheses of Schizophrenias Etiology. Current Neuropharmacology, 2012, 10, 2-11.	1.4	6
111	Brain Connectivity and Gyrification as Endophenotypes for Schizophrenia: Weight of the Evidence. Current Topics in Medicinal Chemistry, 2012, 12, 2393-2403.	1.0	40
112	Fragmentation: loss of global coherence or breakdown of modularity in functional brain architecture?. Frontiers in Systems Neuroscience, 2012, 6, 20.	1.2	32
113	Large-scale neuro-modeling for understanding and explaining some brain-related chaotic behavior. Simulation, 2012, 88, 1316-1337.	1.1	6
114	The organization of physiological brain networks. Clinical Neurophysiology, 2012, 123, 1067-1087.	0.7	514
115	Exploration and modulation of brain network interactions with noninvasive brain stimulation in combination with neuroimaging. European Journal of Neuroscience, 2012, 35, 805-825.	1.2	138
116	Anatomical insights into disrupted small-world networks in schizophrenia. NeuroImage, 2012, 59, 1085-1093.	2.1	160
117	Quantitative comparison of resting-state functional connectivity derived from fNIRS and fMRI: A simultaneous recording study. NeuroImage, 2012, 60, 2008-2018.	2.1	105
118	Attenuation of long-range temporal correlations in the amplitude dynamics of alpha and beta neuronal oscillations in patients with schizophrenia. NeuroImage, 2012, 61, 162-169.	2.1	106
119	Consistency and interpretation of changes in millimeter-scale cortical intrinsic curvature across three independent datasets in schizophrenia. NeuroImage, 2012, 63, 611-621.	2.1	46
120	Nicotine increases brain functional network efficiency. NeuroImage, 2012, 63, 73-80.	2.1	41
121	Abnormal topological organization of structural brain networks in schizophrenia. Schizophrenia Research, 2012, 141, 109-118.	1.1	135
122	EEG-Based Functional Brain Networks: Does the Network Size Matter?. PLoS ONE, 2012, 7, e35673.	1.1	60
123	Altered Small-World Brain Networks in Schizophrenia Patients during Working Memory Performance. PLoS ONE, 2012, 7, e38195.	1.1	67
124	Mapping the Alzheimer's Brain with Connectomics. Frontiers in Psychiatry, 2011, 2, 77.	1.3	102
125	Working Memory Related Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. Frontiers in Human Neuroscience, 2012, 6, 137.	1.0	109
126	Properties of functional brain networks correlate with frequency of psychogenic non-epileptic seizures. Frontiers in Human Neuroscience, 2012, 6, 335.	1.0	44
127	Graph-based network analysis in schizophrenia. World Journal of Psychiatry, 2012, 2, 1.	1.3	44

#	ARTICLE	IF	CITATIONS
128	Impaired Small-World Network Efficiency and Dynamic Functional Distribution in Patients with Cirrhosis. PLoS ONE, 2012, 7, e35266.	1.1	43
129	The Relationship Between Acoustic Startle Response Measures and Cognitive Functions in Japanese Patients with Schizophrenia. NeuroMolecular Medicine, 2012, 14, 131-138.	1.8	9
130	Advancing schizophrenia drug discovery: optimizing rodent models to bridge the translational gap. Nature Reviews Drug Discovery, 2012, 11, 560-579.	21.5	154
131	How does the metric choice affect brain functional connectivity networks?. Biomedical Signal Processing and Control, 2012, 7, 228-236.	3.5	26
132	Decreased cortical complexity in methamphetamine abusers. Psychiatry Research - Neuroimaging, 2012, 201, 226-232.	0.9	31
133	Hemispheric asymmetry in nonâ€linear interdependence of EEG in postâ€traumatic stress disorder. Psychiatry and Clinical Neurosciences, 2012, 66, 87-96.	1.0	18
134	Does sleep restore the topology of functional brain networks?. Human Brain Mapping, 2013, 34, 487-500.	1.9	31
135	Review of delta, theta, alpha, beta, and gamma response oscillations in neuropsychiatric disorders. Supplements To Clinical Neurophysiology, 2013, 62, 303-341.	2.1	110
136	Apparent motion perception in patients with paranoid schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 233-239.	1.8	22
137	Structure out of chaos: Functional brain network analysis with EEG, MEG, and functional MRI. European Neuropsychopharmacology, 2013, 23, 7-18.	0.3	122
138	Brainnetome-wide association studies in schizophrenia: The advances and future. Neuroscience and Biobehavioral Reviews, 2013, 37, 2818-2835.	2.9	25
139	Aged-related changes in brain activity classification with respect to age by means of graph indexes. , 2013, 2013, 4350-3.		5
140	Effect of Sleep Deprivation on Functional Connectivity of EEG Channels. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 666-672.	5.9	39
141	Small-world networks in individuals at ultra-high risk for psychosis and first-episode schizophrenia during a working memory task. Neuroscience Letters, 2013, 535, 35-39.	1.0	25
142	The diminished interhemispheric connectivity correlates with negative symptoms and cognitive impairment in first-episode schizophrenia. Schizophrenia Research, 2013, 150, 144-150.	1.1	36
143	Functional connectivity abnormalities during contextual processing in schizophrenia and in Parkinsonâ€™s disease. Brain and Cognition, 2013, 82, 243-253.	0.8	33
144	Altered brain structural connectivity in post-traumatic stress disorder: A diffusion tensor imaging tractography study. Journal of Affective Disorders, 2013, 150, 798-806.	2.0	50
145	Graph analysis of the human connectome: Promise, progress, and pitfalls. NeuroImage, 2013, 80, 426-444.	2.1	677

#	ARTICLE	IF	CITATIONS
146	Studying the topological organization of the cerebral blood flow fluctuations in resting state. NeuroImage, 2013, 64, 173-184.	2.1	55
147	Capturing dynamic patterns of task-based functional connectivity with EEG. NeuroImage, 2013, 66, 311-317.	2.1	70
148	Structural connectivity analysis reveals topological aberrations in patients with schizophrenia. , 2013, 2013, 1386-9.		3
149	Current Trends in ERP Analysis Using EEG and EEG/fMRI Synergistic Methods. Neuromethods, 2013, , 323-350.	0.2	4
150	Neuronal Functional Connection Graphs among Multiple Areas of the Rat Somatosensory System during Spontaneous and Evoked Activities. PLoS Computational Biology, 2013, 9, e1003104.	1.5	15
151	The modulation of brain functional connectivity with manual acupuncture in healthy subjects: An electroencephalograph case study. Chinese Physics B, 2013, 22, 028702.	0.7	10
152	Heritability of Resting State EEG Functional Connectivity Patterns. Twin Research and Human Genetics, 2013, 16, 962-969.	0.3	24
153	Less Efficient Information Transfer in Cys-Allele Carriers of DISC1: A Brain Network Study Based on Diffusion MRI. Cerebral Cortex, 2013, 23, 1715-1723.	1.6	32
154	Operational Architectonics Methodology for EEG Analysis: Theory and Results. Neuromethods, 2013, , 1-59.	0.2	22
156	Schizophrenia as a Network Disease: Disruption of Emergent Brain Function in Patients with Auditory Hallucinations. PLoS ONE, 2013, 8, e50625.	1.1	28
157	Convergent and Divergent Functional Connectivity Patterns in Schizophrenia and Depression. PLoS ONE, 2013, 8, e68250.	1.1	59
158	Intra- and Inter-Frequency Brain Network Structure in Health and Schizophrenia. PLoS ONE, 2013, 8, e72351.	1.1	54
159	Incidental and Intentional Learning of Verbal Episodic Material Differentially Modifies Functional Brain Networks. PLoS ONE, 2013, 8, e80273.	1.1	21
160	Graph theoretical analysis of resting magnetoencephalographic functional connectivity networks. Frontiers in Computational Neuroscience, 2013, 7, 93.	1.2	33
161	Small-World Properties in Mild Cognitive Impairment and Early Alzheimer's Disease: A Cortical Thickness MRI Study. ISRN Geriatrics, 2013, 2013, 1-11.	0.2	37
162	Acute NMDA Receptor Antagonism Disrupts Synchronization of Action Potential Firing in Rat Prefrontal Cortex. PLoS ONE, 2014, 9, e85842.	1.1	48
163	Reproducibility and Robustness of Graph Measures of the Associative-Semantic Network. PLoS ONE, 2014, 9, e115215.	1.1	10
164	Rigidity, chaos and integration: hemispheric interaction and individual differences in metaphor comprehension. Frontiers in Human Neuroscience, 2014, 8, 511.	1.0	58

#	ARTICLE	IF	CITATIONS
165	Functional network disruption in attention deficit hyperactivity disorder. , 2014, , .		0
166	Subanesthetic Ketamine Treatment Promotes Abnormal Interactions between Neural Subsystems and Alters the Properties of Functional Brain Networks. Neuropsychopharmacology, 2014, 39, 1786-1798.	2.8	31
167	Neuroimaging and plasticity in schizophrenia. Restorative Neurology and Neuroscience, 2014, 32, 119-127.	0.4	29
168	Network Imaging. , 2014, , 77-89.		2
169	ADHD Discrimination Based on Social Network. , 2014, , .		2
170	Anesthetic-induced changes in EEG activity: A graph theoretical approach. , 2014, , .		0
171	Functional parcellations affect the network measures in graph analysis of resting-state fMRI. , 2014, , .		6
172	Heritability of structural brain network topology: A DTI study of 156 twins. Human Brain Mapping, 2014, 35, 5295-5305.	1.9	56
173	Recent Advances in Neuroimaging Biomarkers of Schizophrenia. , 2014, , 71-103.		1
174	Sustained NMDA Receptor Hypofunction Induces Compromised Neural Systems Integration and Schizophrenia-Like Alterations in Functional Brain Networks. Cerebral Cortex, 2014, 24, 452-464.	1.6	47
175	Hemispheric asymmetry of electroencephalography-based functional brain networks. NeuroReport, 2014, 25, 1266-1271.	0.6	10
176	Large-scale plastic changes of the brain network in an animal model of neuropathic pain. NeuroImage, 2014, 98, 203-215.	2.1	23
177	Time domain measures of inter-channel EEG correlations: a comparison of linear, nonparametric and nonlinear measures. Cognitive Neurodynamics, 2014, 8, 1-15.	2.3	76
178	Functional cortical connectivity analysis of mental fatigue unmasks hemispheric asymmetry and changes in small-world networks. Brain and Cognition, 2014, 85, 220-230.	0.8	127
179	Brain Networks in Schizophrenia. Neuropsychology Review, 2014, 24, 32-48.	2.5	426
180	A review of physical and cognitive interventions in aging. Neuroscience and Biobehavioral Reviews, 2014, 44, 206-220.	2.9	295
181	Disability in multiple sclerosis: When synaptic long-term potentiation fails. Neuroscience and Biobehavioral Reviews, 2014, 43, 88-99.	2.9	32
182	The Effects of Pharmacological Treatment on Functional Brain Connectome in Obsessive-Compulsive Disorder. Biological Psychiatry, 2014, 75, 606-614.	0.7	139

#	ARTICLE	IF	CITATIONS
183	Functional brain networks: great expectations, hard times and the big leap forward. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130525.	1.8	65
184	Resting-State Functional MR Imaging: A New Window to the Brain. Radiology, 2014, 272, 29-49.	3.6	301
185	Network Theory in Neuroscience. , 2014, , 1-21.		3
187	EEG theta phase coupling during executive control of visual working memory investigated in individuals with schizophrenia and in healthy controls. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 1340-1355.	1.0	52
188	WLPVG approach to the analysis of EEG-based functional brain network under manual acupuncture. Cognitive Neurodynamics, 2014, 8, 417-428.	2.3	35
189	Functional connectivity among spike trains in neural assemblies during rat working memory task. Behavioural Brain Research, 2014, 274, 248-257.	1.2	12
190	Relationship between brain network pattern and cognitive performance of children revealed by MEG signals during free viewing of video. Brain and Cognition, 2014, 86, 10-16.	0.8	11
191	Disruptions in small-world cortical functional connectivity network during an auditory oddball paradigm task in patients with schizophrenia. Schizophrenia Research, 2014, 156, 197-203.	1.1	62
192	Disrupted modular organization of resting-state cortical functional connectivity in U.S. military personnel following concussive 'mild' blast-related traumatic brain injury. NeuroImage, 2014, 84, 76-96.	2.1	120
193	Network analysis of auditory hallucinations in nonpsychotic individuals. Human Brain Mapping, 2014, 35, 1436-1445.	1.9	61
194	Human Brain Networks in Physiological Aging: A Graph Theoretical Analysis of Cortical Connectivity from EEG Data. Journal of Alzheimer's Disease, 2014, 41, 1239-1249.	1.2	90
195	Decreased Functional Connectivity and Disturbed Directionality of Information Flow in the Electroencephalography of Intensive Care Unit Patients with Delirium after Cardiac Surgery. Anesthesiology, 2014, 121, 328-335.	1.3	82
196	Functional connectivity changes detected with magnetoencephalography after mild traumatic brain injury. NeuroImage: Clinical, 2015, 9, 519-531.	1.4	75
197	EEG functional network properties related to visually induced unrecognized spatial disorientation. Bio-Medical Materials and Engineering, 2015, 26, S1115-S1124.	0.4	4
198	Connectomics in psychiatric research: advances and applications. Neuropsychiatric Disease and Treatment, 2015, 11, 2801.	1.0	26
199	Traumatic Brain Injury Detection Using Electrophysiological Methods. Frontiers in Human Neuroscience, 2015, 9, 11.	1.0	101
200	What makes you think you are conscious? An agnosticist manifesto. Frontiers in Human Neuroscience, 2015, 9, 170.	1.0	5
201	A Window into the Brain: Advances in Psychiatric fMRI. BioMed Research International, 2015, 2015, 1-12.	0.9	18

#	Article	IF	Citations
202	Relationship of white matter network topology and cognitive outcome in adolescents with d-transposition of the great arteries. NeuroImage: Clinical, 2015, 7, 438-448.	1.4	70
203	Functional brain connectivity phenotypes for schizophrenia drug discovery. Journal of Psychopharmacology, 2015, 29, 169-177.	2.0	20
204	Anomalous consistency in Mild Cognitive Impairment: A complex networks approach. Chaos, Solitons and Fractals, 2015, 70, 144-155.	2.5	4
205	Altered characteristic of brain networks in mild cognitive impairment during a selective attention task: An EEG study. International Journal of Psychophysiology, 2015, 98, 8-16.	0.5	13
206	Acute ketamine challenge increases resting state prefrontal-hippocampal connectivity in both humans and rats. Psychopharmacology, 2015, 232, 4231-4241.	1.5	76
207	Compensatory motor network connectivity is associated with motor sequence learning after subcortical stroke. Behavioural Brain Research, 2015, 286, 136-145.	1.2	25
208	Abnormal functional connectivity of EEG gamma band in patients with depression during emotional face processing. Clinical Neurophysiology, 2015, 126, 2078-2089.	0.7	90
209	Reduced Hemispheric Asymmetry of Brain Anatomical Networks Is Linked to Schizophrenia: A Connectome Study. Cerebral Cortex, 2017, 27, bhv255.	1.6	60
210	EEG Theta Power and Coherence to Octave Illusion in First-Episode Paranoid Schizophrenia with Auditory Hallucinations. Psychopathology, 2015, 48, 36-46.	1.1	4
211	Schizophrenia symptoms and brain network efficiency: A resting-state fMRI study. Psychiatry Research - Neuroimaging, 2015, 234, 208-218.	0.9	40
212	Analyzing Analytics. Synthesis Lectures on Computer Architecture, 2015, 10, 1-124.	1.3	12
213	Integrating Personality/Character Neuroscience with Network Analysis. , 2016, , 51-69.		2
214	Alterations of Functional and Structural Networks in Schizophrenia Patients with Auditory Verbal Hallucinations. Frontiers in Human Neuroscience, 2016, 10, 114.	1.0	25
215	Application of Entropy-Based Metrics to Identify Emotional Distress from Electroencephalographic Recordings. Entropy, 2016, 18, 221.	1.1	56
216	Globally Efficient Brain Organization and Treatment Response in Psychosis: A Connectomic Study of Gyrification. Schizophrenia Bulletin, 2016, 42, 1446-1456.	2.3	47
217	Topological Properties of Functional Brain Connectivity in Obsessive-Compulsive Disorder. IFMBE Proceedings, 2016, , 157-161.	0.2	1
218	Behavioural Genetics for Education. , 2016, , .		9
220	Nodes and Edges. , 2016, , 37-88.		0

#	Article	IF	Citations
221	Motifs, Small Worlds, and Network Economy. , 2016, , 257-301.		1
222	Network science and the human brain: Using graph theory to understand the brain and one of its hubs, the amygdala, in health and disease. Journal of Neuroscience Research, 2016, 94, 590-605.	1.3	106
223	Aberrant Functional Whole-Brain Network Architecture in Patients With Schizophrenia: A Meta-analysis. Schizophrenia Bulletin, 2016, 42, S13-S21.	2.3	80
224	Structural brain network analysis in schizophrenia using minimum spanning tree. , 2016, 2016, 4075-4078.		5
225	Functional Brain Networks: Does the Choice of Dependency Estimator and Binarization Method Matter?. Scientific Reports, 2016, 6, 29780.	1.6	80
226	The thalamo-cortical complex network correlates of chronic pain. Scientific Reports, 2016, 6, 34763.	1.6	14
227	Measuring Large-Scale Synchronization with Human MEG and EEG: Challenges and Solutions. , 2016, , 1-18.		6
228	Brain neural synchronization and functional coupling in Alzheimer's disease as revealed by resting state EEG rhythms. International Journal of Psychophysiology, 2016, 103, 88-102.	0.5	262
229	Disruption of brain anatomical networks in schizophrenia: A longitudinal, diffusion tensor imaging based study. Schizophrenia Research, 2016, 171, 149-157.	1.1	45
230	EEG characteristics in â€œeyes-openâ€•versus â€œeyes-closedâ€•conditions: Small-world network architecture in healthy aging and age-related brain degeneration. Clinical Neurophysiology, 2016, 127, 1261-1268.	0.7	113
231	Time-dependence of graph theory metrics in functional connectivity analysis. NeuroImage, 2016, 125, 601-615.	2.1	50
232	Weighted-spectral clustering algorithm for detecting community structures in complex networks. Artificial Intelligence Review, 2017, 47, 463-483.	9.7	17
233	Increased gamma connectivity during working memory retention following traumatic brain injury. Brain Injury, 2017, 31, 379-389.	0.6	14
234	Complexity of weighted graph: A new technique to investigate structural complexity of brain activities with applications to aging and autism. Neuroscience Letters, 2017, 650, 103-108.	1.0	66
235	Glutamatergic regulation of cognition and functional brain connectivity: insights from pharmacological, genetic and translational schizophrenia research. British Journal of Pharmacology, 2017, 174, 3136-3160.	2.7	64
236	Reconfiguration of dominant coupling modes in mild traumatic brain injury mediated by Î²-band activity: A resting state MEG study. Neuroscience, 2017, 356, 275-286.	1.1	31
237	Functional EEG network analysis in schizophrenia: Evidence of larger segregation and deficit of modulation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 76, 116-123.	2.5	36
238	A New Method for Human Mental Fatigue Detection with Several EEG Channels. Journal of Medical and Biological Engineering, 2017, 37, 240-247.	1.0	27

#	Article	IF	Citations
239	Functional brain networks in healthy subjects under acupuncture stimulation: An EEG study based on nonlinear synchronization likelihood analysis. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 566-577.	1.2	40
240	Decreased functional connectivity in schizophrenia: The relationship between social functioning, social cognition and graph theoretical network measures. Psychiatry Research - Neuroimaging, 2017, 270, 22-31.	0.9	29
241	EEG-based functional networks evoked by acupuncture at ST 36: A data-driven thresholding study. International Journal of Modern Physics B, 2017, 31, 1750187.	1.0	4
242	Functional Network Disruptions in Schizophrenia. Methods in Molecular Biology, 2017, 1613, 479-504.	0.4	4
243	Effect of Field Spread on Resting-State Magneto Encephalography Functional Network Analysis: A Computational Modeling Study. Brain Connectivity, 2017, 7, 541-557.	0.8	12
244	Disruption of Neurosynaptic Physiology and Neuron Network Dysfunction in Brain Disorders: an Environmental and Occupational Health Perspective. Activitas Nervosa Superior, 2017, 59, 61-77.	0.4	1
245	Measuring alterations in oscillatory brain networks in schizophrenia with resting-state MEG: State-of-the-art and methodological challenges. Clinical Neurophysiology, 2017, 128, 1719-1736.	0.7	32
246	Task-linked Diurnal Brain Network Reorganization in Older Adults: A Graph Theoretical Approach. Journal of Cognitive Neuroscience, 2017, 29, 560-572.	1.1	11
247	Endophenotype best practices. International Journal of Psychophysiology, 2017, 111, 115-144.	0.5	62
248	Functional brain network analysis of schizophrenic patients with positive and negative syndrome based on mutual information of EEG time series. Biomedical Signal Processing and Control, 2017, 31, 331-338.	3.5	55
249	Altered Rich-Club and Frequency-Dependent Subnetwork Organization in Mild Traumatic Brain Injury: A MEG Resting-State Study. Frontiers in Human Neuroscience, 2017, 11, 416.	1.0	25
250	A Single Session of rTMS Enhances Small-Worldness in Writer's Cramp: Evidence from Simultaneous EEG-fMRI Multi-Modal Brain Graph. Frontiers in Human Neuroscience, 2017, 11, 443.	1.0	8
251	Topological Filtering of Dynamic Functional Brain Networks Unfolds Informative Chronnectomics: A Novel Data-Driven Thresholding Scheme Based on Orthogonal Minimal Spanning Trees (OMSTs). Frontiers in Neuroinformatics, 2017, 11, 28.	1.3	107
252	Machine-Learning Classifier for Patients with Major Depressive Disorder: Multifeature Approach Based on a High-Order Minimum Spanning Tree Functional Brain Network. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-14.	0.7	18
253	Investigation of Functional Brain Networks in MDD Patients Based on EEG Signals Processing. , 2017, , .		6
254	Detection of atypical network development patterns in children with autism spectrum disorder using magnetoencephalography. PLoS ONE, 2017, 12, e0184422.	1.1	4
255	Ablation as targeted perturbation to rewire communication network of persistent atrial fibrillation. PLoS ONE, 2017, 12, e0179459.	1.1	16
256	Abnormal Sleep Delta Rhythm and Interregional Phase Synchrony in Patients with Restless Legs		

#	Article	IF	Citations
257	Symbolic Analysis of Brain Dynamics Detects Negative Stress. Entropy, 2017, 19, 196.	1.1	39
258	Integration of temporal and spatial properties of dynamic connectivity networks for automatic diagnosis of brain disease. Medical Image Analysis, 2018, 47, 81-94.	7.0	123
259	Relations between structural and EEGâ€based graph metrics in healthy controls and schizophrenia patients. Human Brain Mapping, 2018, 39, 3152-3165.	1.9	28
260	Applications of Community Detection Techniques to Brain Graphs: Algorithmic Considerations and Implications for Neural Function. Proceedings of the IEEE, 2018, 106, 846-867.	16.4	94
261	Transcranial direct current stimulation generates a transient increase of small-world in brain connectivity: an EEG graph theoretical analysis. Experimental Brain Research, 2018, 236, 1117-1127.	0.7	27
262	Deconstructing Schizophrenia: Advances in Preclinical Models for Biomarker Identification. Current Topics in Behavioral Neurosciences, 2018, 40, 295-323.	0.8	15
263	Modulation of Spectral Power and Functional Connectivity in Human Brain by Acupuncture Stimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 977-986.	2.7	66
264	Altered Brain Network Dynamics inÂSchizophrenia: A Cognitive Electroencephalography Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 88-98.	1.1	20
265	Processing of implicit versus explicit predictive contextual information in Parkinson's disease. Neuropsychologia, 2018, 109, 39-51.	0.7	10
266	Dynamic Generative Model of the Human Brain in Resting-State. Studies in Computational Intelligence, 2018, , 1271-1283.	0.7	1
267	Gyrification Connectomes in Unmedicated Patients With Schizophrenia and Following a Short Course of Antipsychotic Drug Treatment. Frontiers in Psychiatry, 2018, 9, 699.	1.3	19
268	Altered predictive capability of the brain network EEG model in schizophrenia during cognition. Schizophrenia Research, 2018, 201, 120-129.	1.1	24
269	Altered Small-World Networks in First-Episode Schizophrenia Patients during Cool Executive Function Task. Behavioural Neurology, 2018, 2018, 1-11.	1.1	5
270	Unaltered intrinsic functional brain architecture in young women with primary dysmenorrhea. Scientific Reports, 2018, 8, 12971.	1.6	13
271	fMRI classification method with multiple feature fusion based on minimum spanning tree analysis. Psychiatry Research - Neuroimaging, 2018, 277, 14-27.	0.9	13
272	On the nature and use of models in network neuroscience. Nature Reviews Neuroscience, 2018, 19, 566-578.	4.9	277
273	Computational EEG Analysis. Biological and Medical Physics Series, 2018, , .	0.3	21
274	Computational EEG Analysis for the Diagnosis of Psychiatric Illnesses. Biological and Medical Physics Series, 2018, , 149-175.	0.3	0

#	ARTICLE	IF	CITATIONS
275	Reappraisal of Interpersonal Criticism in Social Anxiety Disorder: A Brain Network Hierarchy Perspective. Cerebral Cortex, 2019, 29, 3154-3167.	1.6	10
276	Resting-State Functional Network Organization Is Stable Across Adolescent Development for Typical and Psychosis Spectrum Youth. Schizophrenia Bulletin, 2020, 46, 395-407.	2.3	5
277	Abnormalities in hubs location and nodes centrality predict cognitive slowing and increased performance variability in first-episode schizophrenia patients. Scientific Reports, 2019, 9, 9594.	1.6	28
278	Functional neuroimaging in treatment resistant schizophrenia: A systematic review. Neuroscience and Biobehavioral Reviews, 2019, 104, 178-190.	2.9	21
279	EEG Signal Processing and Feature Extraction. , 2019, , .		89
280	Difference Analysis of Brain Network Working Memory Data with EEG Sub-Sequence Feature Vector as Node. , 2019, , .		0
282	Performance of Tantalum Modified 316L Stainless Steel Bipolar Plate for Proton Exchange Membrane Fuel Cell. Fuel Cells, 2019, 19, 724-730.	1.5	7
283	Estimating Brain Connectivity Using Copula Gaussian Graphical Models. , 2019, , .		2
284	Modulation Effect of Acupuncture on Functional Brain Networks and Classification of Its Manipulation With EEG Signals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1973-1984.	2.7	52
285	Constructing brain connectivity group graphs from EEG time series. Journal of Applied Statistics, 2019, 46, 1107-1128.	0.6	5
286	Social cognition in psychosis: Predictors and effects of META-cognitive training. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 94, 109672.	2.5	2
287	Maximal flexibility in dynamic functional connectivity with critical dynamics revealed by fMRI data analysis and brain network modelling. Journal of Neural Engineering, 2019, 16, 056002.	1.8	10
288	Altered predictive contextual processing of emotional faces versus abstract stimuli in adults with Autism Spectrum Disorder. Clinical Neurophysiology, 2019, 130, 963-975.	0.7	9
289	Human non-olfactory cognition phase-locked with inhalation. Nature Human Behaviour, 2019, 3, 501-512.	6.2	114
290	Brain Network Analysis of Schizophrenia Based on the Functional Connectivity. Chinese Journal of Electronics, 2019, 28, 535-541.	0.7	6
291	Effects of Mental Fatigue on *Small-World* Brain Functional Network Organization. Neural Plasticity, 2019, 2019, 1-10.	1.0	32
292	Hepatic encephalopathy revisited: Beyond the triphasic waves. Clinical Neurophysiology, 2019, 130, 408-409.	0.7	0
293	Quantitative and Qualitative Comparison of EEG-Based Neural Network Organization in Two Schizophrenia Groups Differing in the Duration of Illness and Disease Burden: Graph Analysis With Application of the Minimum Spanning Tree. Clinical EEG and Neuroscience, 2019, 50, 231-241.	0.9	18

#	Article	IF	Citations
294	Connectomics of bipolar disorder: a critical review, and evidence for dynamic instabilities within interoceptive networks. Molecular Psychiatry, 2019, 24, 1296-1318.	4.1	91
295	Map2k7 Haploinsufficiency Induces Brain Imaging Endophenotypes and Behavioral Phenotypes Relevant to Schizophrenia. Schizophrenia Bulletin, 2020, 46, 211-223.	2.3	10
296	Non-negative Matrix Factorization Reveals Resting-State Cortical Alpha Network Abnormalities in the First-Episode Schizophrenia Spectrum. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 961-970.	1.1	14
297	Prediction of working memory ability based on EEG by functional data analysis. Journal of Neuroscience Methods, 2020, 333, 108552.	1.3	17
298	Integrating machining learning and multimodal neuroimaging to detect schizophrenia at the level of the individual. Human Brain Mapping, 2020, 41, 1119-1135.	1.9	56
299	Ketamine Restores Thalamic-Prefrontal Cortex Functional Connectivity in a Mouse Model of Neurodevelopmental Disorder-Associated 2p16.3 Deletion. Cerebral Cortex, 2020, 30, 2358-2371.	1.6	12
300	Beyond traditional approaches: a partial directed coherence with graph theory-based mental load assessment using EEG modality. Neural Computing and Applications, 2022, 34, 11395-11410.	3.2	2
301	Habituation during encoding: A new approach to the evaluation of memory deficits in schizophrenia. Schizophrenia Research, 2020, 223, 179-185.	1.1	6
302	Leveraging Neural Networks in Preclinical Alcohol Research. Brain Sciences, 2020, 10, 578.	1.1	7
303	A Graph Theory-Based Modeling of Functional Brain Connectivity Based on EEG: A Systematic Review in the Context of Neuroergonomics. IEEE Access, 2020, 8, 155103-155135.	2.6	55
304	Negative Correlation Between Functional Connectivity and Small-Worldness in the Alpha Frequency Band of a Healthy Brain. Frontiers in Physiology, 2020, 11, 910.	1.3	7
305	The Dynamic Properties of a Brain Network During Spatial Working Memory Tasks in College Students With ADHD Traits. Frontiers in Human Neuroscience, 2020, 14, 580813.	1.0	17
306	EEG Source Network for the Diagnosis of Schizophrenia and the Identification of Subtypes Based on Symptom Severityâ€"A Machine Learning Approach. Journal of Clinical Medicine, 2020, 9, 3934.	1.0	16
307	Dynamic changes of brain networks during feedback-related processing of reinforcement learning in schizophrenia. Brain Research, 2020, 1746, 146979.	1.1	6
308	Human brain networks: a graph theoretical analysis of cortical connectivity normative database from EEG data in healthy elderly subjects. GeroScience, 2020, 42, 575-584.	2.1	28
309	Brain network similarity: methods and applications. Network Neuroscience, 2020, 4, 507-527.	1.4	39
310	Small World Index in Default Mode Network Predicts Progression from Mild Cognitive Impairment to Dementia. International Journal of Neural Systems, 2020, 30, 2050004.	3.2	40
311	Understanding Graph Isomorphism Network for rs-fMRI Functional Connectivity Analysis. Frontiers in Neuroscience, 2020, 14, 630.	1.4	65

#	ARTICLE	IF	CITATIONS
312	Involvement of top-down networks in the perception of facial emotions: A magnetoencephalographic investigation. NeuroImage, 2020, 222, 117075.	2.1	17
313	EEG Functional Connectivity is a Weak Predictor of Causal Brain Interactions. Brain Topography, 2020, 33, 221-237.	0.8	6
314	Connectomic Underpinnings of Working Memory Deficits in Schizophrenia: Evidence From a replication fMRI study. Schizophrenia Bulletin, 2020, 46, 916-926.	2.3	27
315	Brain Network Analysis by Stable and Unstable EEG Components. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1080-1092.	3.9	5
316	Dynamic Changes of Brain Networks during Working Memory Tasks in Schizophrenia. Neuroscience, 2021, 453, 187-205.	1.1	7
317	Graph Theoretical Analysis of Interictal EEG Data in Epilepsy Patients during Epileptiform Discharge and Non-discharge. International Journal of Affective Engineering, 2021, 20, 131-142.	0.2	4
318	Anhedonia Relates to the Altered Global and Local Grey Matter Network Properties in Schizophrenia. Journal of Clinical Medicine, 2021, 10, 1395.	1.0	3
319	Functional brain network dynamics based on the Hindmarsh–Rose model. Nonlinear Dynamics, 2021, 104, 1475-1489.	2.7	9
322	A new era for executive function research: On the transition from centralized to distributed executive functioning. Neuroscience and Biobehavioral Reviews, 2021, 124, 235-244.	2.9	24
323	Entrainment of Network Activity by Closed-Loop Microstimulation in Healthy Ambulatory Rats. Cerebral Cortex, 2021, 31, 5042-5055.	1.6	10
324	Testing Graph Robustness Indexes for EEG Analysis in Alzheimer's Disease Diagnosis. Electronics (Switzerland), 2021, 10, 1440.	1.8	6
325	The effect of photic stimulation alone and in combination with sleep deprivation after a seizure-like event – reappraisal by using linear and nonlinear EEG methods. Neurological Research, 2022, 44, 104-111.	0.6	0
326	Improving Functional Connectome Fingerprinting with Degree-Normalization. Brain Connectivity, 2021, , .	0.8	1
327	Altered topographical organization of grey matter structural network in early-onset schizophrenia. Psychiatry Research - Neuroimaging, 2021, 316, 111344.	0.9	10
328	Graph Theoretical Analysis of EEG after Audiovisual Stimulation in Different Anxiety States. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1059-1068.	0.1	1
329	Altered directed connectivity during processing of predictive stimuli in psychiatric patient populations. Clinical Neurophysiology, 2021, 132, 2739-2750.	0.7	2
330	Epileptiform discharges relate to altered functional brain networks in autism spectrum disorders. Brain Communications, 2021, 3, fcab184.	1.5	5
332	Graph-Theoretical Analysis in Schizophrenia Performing an Auditory Oddball Task. IFMBE Proceedings, 2014, , 799-802.	0.2	1

#	Article	IF	Citations
333	ADHD-200 Classification Based on Social Network Method. Lecture Notes in Computer Science, 2014, , 233-240.	1.0	13
335	Normalized Cut Group Clustering of Resting-State fMRI Data. PLoS ONE, 2008, 3, e2001.	1.1	367
336	Automated Discrimination of Brain Pathological State Attending to Complex Structural Brain Network Properties: The Shiverer Mutant Mouse Case. PLoS ONE, 2011, 6, e19071.	1.1	20
337	Altered Topological Properties of Functional Network Connectivity in Schizophrenia during Resting State: A Small-World Brain Network Study. PLoS ONE, 2011, 6, e25423.	1.1	139
338	Abnormal Reorganization of Functional Cortical Small-World Networks in Focal Hand Dystonia. PLoS ONE, 2011, 6, e28682.	1.1	36
339	The Brain Matures with Stronger Functional Connectivity and Decreased Randomness of Its Network. PLoS ONE, 2012, 7, e36896.	1.1	114
340	MEG Network Differences between Low- and High-Grade Glioma Related to Epilepsy and Cognition. PLoS ONE, 2012, 7, e50122.	1.1	100
341	The Problem of Thresholding in Small-World Network Analysis. PLoS ONE, 2013, 8, e53199.	1.1	101
342	Altered Resting State Brain Dynamics in Temporal Lobe Epilepsy Can Be Observed in Spectral Power, Functional Connectivity and Graph Theory Metrics. PLoS ONE, 2013, 8, e68609.	1.1	69
343	Independently Outgrowing Neurons and Geometry-Based Synapse Formation Produce Networks with Realistic Synaptic Connectivity. PLoS ONE, 2014, 9, e85858.	1.1	25
344	Resiliency of EEG-Based Brain Functional Networks. PLoS ONE, 2015, 10, e0135333.	1.1	6
345	Graph-based analysis of brain connectivity in schizophrenia. PLoS ONE, 2017, 12, e0188629.	1.1	144
346	Development of a Machine Learning Based Algorithm To Accurately Detect Schizophrenia based on One-minute EEG Recordings. , 2020, , .		63
347	EEG-based functional brain networks: Hemispheric differences in males and females. Networks and Heterogeneous Media, 2015, 10, 223-232.	0.5	5
348	Brainnetome of schizophrenia: focus on impaired cognitive function. Shanghai Archives of Psychiatry, 2012, 24, 3-10.	0.7	4
349	Resting-state functional connectivity abnormalities in first-onset unmedicated depression. Neural Regeneration Research, 2014, 9, 153.	1.6	57
350	Neurophysiology of Social Conduct and Impact of Adverse Exposures. Avicenna Journal of Neuro Psycho Physiology, 2016, In Press, .	0.1	2
351	Numerical versus Analytic Synchronization in Small-World Networks of Hindmarsh-Rose Neurons. Lecture Notes in Computer Science, 2009, , 627-635.	1.0	0

#	ARTICLE	IF	CITATIONS
352	From Synchronisation to Networks: Assessment of Functional Connectivity in the Brain. , 2009, , 91-115.		4
353	Construction and analysis of complex brain functional network under acupoint magnetic stimulation. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 118704.	0.2	4
354	Extracting Labeled Topological Patterns from Samples of Networks. PLoS ONE, 2013, 8, e70497.	1.1	0
355	Neuropathologies and Networks. , 2014, , 1-6.		0
356	Network Theory in Neuroscience. , 2015, , 1852-1868.		0
357	Neuropathologies and Networks. , 2015, , 2068-2072.		0
358	Genetically Informative Investigations of Neurophysiological Traits. , 2016, , 231-268.		0
362	Network Models in Neuroscience. , 2019, , 121-136.		0
363	Intrinsic Discriminant Analysis of Functional Connectivity for Multiclass Classification. , 2019, , 149-168.		0
364	Spatial Complex Brain Network. , 2019, , 267-286.		1
366	Interpreting the socio-technical interactions within a wind damage–artificial neural network model for community resilience. Royal Society Open Science, 2020, 7, 200922.	1.1	9
367	Abnormal inter- and intra-hemispheric integration in male paranoid schizophrenia: a graph-theoretical analysis. Shanghai Archives of Psychiatry, 2015, 27, 158-66.	0.7	1
368	Low-frequency rTMS treatment alters the topographical organization of functional brain networks in schizophrenia patients with auditory verbal hallucination. Psychiatry Research, 2022, 309, 114393.	1.7	7
369	Delay estimation for cortical-muscular interaction via the rate of voxels change. , 2020, , .		2
370	Atypical Resting State Functional Neural Network in Children With Autism Spectrum Disorder: Graph Theory Approach. Frontiers in Psychiatry, 2021, 12, 790234.	1.3	11
371	Multilayer-Aggregation Functional Network for Identifying Brain Fatigue and Diseases. Frontiers in Physics, 2022, 9, .	1.0	1
372	Dependence of Working Memory on Coordinated Activity Across Brain Areas. Frontiers in Systems Neuroscience, 2021, 15, 787316.	1.2	12
373	Quantitative evaluation of short-term resting-state brain networks for primary insomnia diagnosis. Biomedical Signal Processing and Control, 2022, 74, 103498.	3.5	2

#	ARTICLE	IF	CITATIONS
374	Analysis of Brain Functional Network Based on EEG Signals for Early-Stage Parkinsonâ€™s Disease Detection. IEEE Access, 2022, 10, 21347-21358.	2.6	5
375	Hypofunction of directed brain network within alpha frequency band in depressive patients: a graph-theoretic analysis. Cognitive Neurodynamics, 2022, 16, 1059-1071.	2.3	7
377	Functional Connectivity Analysis and Detection of Mental Fatigue Induced by Different Tasks Using Functional Near-Infrared Spectroscopy. Frontiers in Neuroscience, 2021, 15, 771056.	1.4	4
378	Functional Integration and Segregation in a Multilayer Network Model of Patients with Schizophrenia. Brain Sciences, 2022, 12, 368.	1.1	8
379	Graph theoretical analysis of EEG after audiovisual stimulation in different anxiety states. Electronics and Communications in Japan, 2022, 105, .	0.3	1
380	Disrupted local beta band networks in schizophrenia revealed through graph analysis: A magnetoencephalography study. Psychiatry and Clinical Neurosciences, 2022, 76, 309-320.	1.0	8
385	The expanding horizons of network neuroscience: From description to prediction and control. NeuroImage, 2022, 258, 119250.	2.1	11
386	Network Theory in Neuroscience. , 2022, , 2190-2206.		0
387	Neuropathologies and Networks. , 2022, , 2441-2445.		0
388	Aberrated Multidimensional EEG Characteristics in Patients with Generalized Anxiety Disorder: A Machine-Learning Based Analysis Framework. Sensors, 2022, 22, 5420.	2.1	12
389	Cerebral cortex Functional Networks of Transdermal Electrical Stimulation at Daling (PC7) Acupoint. Clinical EEG and Neuroscience, 2023, 54, 106-116.	0.9	0
390	Altered brain connectivity during visual stimulation in schizophrenia. Experimental Brain Research, 0, , .	0.7	2
391	Spatiotemporal EEG Dynamics of Prospective Memory in Ageing and Mild Cognitive Impairment. Cognitive Computation, 2023, 15, 1273-1299.	3.6	3
392	Nutritional supplement induced modulations in the functional connectivity of a porcine brain. Nutritional Neuroscience, 2024, 27, 147-158.	1.5	0
393	Mapping Brain Networks Using Multimodal Data. , 2023, , 2975-3025.		0
394	Exploring the Effects of EEG-Based Alpha Neurofeedback on Working Memory Capacity in Healthy Participants. Bioengineering, 2023, 10, 200.	1.6	3
395	Frequency-resolved connectome alterations in major depressive disorder: A multisite resting fMRI study. Journal of Affective Disorders, 2023, 328, 47-57.	2.0	0
396	Connectivity Analysis in EEG Data: A Tutorial Review of the State of the Art and Emerging Trends. Bioengineering, 2023, 10, 372.	1.6	19

#	ARTICLE	IF	CITATIONS
397	Integrationâ€"segregation dynamics in functional networks of individuals diagnosed with schizophrenia. European Journal of Neuroscience, 2023, 57, 1748-1762.	1.2	3
398	Optimizing network neuroscience computation of individual differences in human spontaneous brain activity for test-retest reliability. Network Neuroscience, 2023, 7, 1080-1108.	1.4	5
401	Network nodes in the brain. , 2023, , 71-105.		0