Hierarchical Organization of Human Cortical Networks

Journal of Neuroscience 28, 9239-9248 DOI: 10.1523/jneurosci.1929-08.2008

Citation Report

#	Article	IF	CITATIONS
3	Age- and Gender-Related Differences in the Cortical Anatomical Network. Journal of Neuroscience, 2009, 29, 15684-15693.	1.7	595
4	Embedding Multiple Trajectories in Simulated Recurrent Neural Networks in a Self-Organizing Manner. Journal of Neuroscience, 2009, 29, 13172-13181.	1.7	89
5	Dysconnection in Schizophrenia: From Abnormal Synaptic Plasticity to Failures of Self-monitoring. Schizophrenia Bulletin, 2009, 35, 509-527.	2.3	1,021
6	Brain Anatomical Network and Intelligence. PLoS Computational Biology, 2009, 5, e1000395.	1.5	544
7	Development of Large-Scale Functional Brain Networks in Children. PLoS Biology, 2009, 7, e1000157.	2.6	724
8	Human brain networks in health and disease. Current Opinion in Neurology, 2009, 22, 340-347.	1.8	763
9	Functional neural network analysis in frontotemporal dementia and Alzheimer's disease using EEG and graph theory. BMC Neuroscience, 2009, 10, 101.	0.8	317
10	Complex brain networks: graph theoretical analysis of structural and functional systems. Nature Reviews Neuroscience, 2009, 10, 186-198.	4.9	9,369
12	Neuronal Networks in Alzheimer's Disease. Neuroscientist, 2009, 15, 333-350.	2.6	210
13	Generic aspects of complexity in brain imaging data and other biological systems. NeuroImage, 2009, 47, 1125-1134.	2.1	126
14	Impaired small-world efficiency in structural cortical networks in multiple sclerosis associated with white matter lesion load. Brain, 2009, 132, 3366-3379.	3.7	404
15	Localization-related epilepsy exhibits significant connectivity away from the seizure-onset area. NeuroReport, 2009, 20, 891-895.	0.6	66
16	Reproducibility of Graph Metrics in fMRI Networks. Frontiers in Neuroinformatics, 2010, 4, 117.	1.3	88
17	Graph-based network analysis of resting-state functional MRI. Frontiers in Systems Neuroscience, 2010, 4, 16.	1.2	453
18	Modular and Hierarchically Modular Organization of Brain Networks. Frontiers in Neuroscience, 2010, 4, 200.	1.4	897
19	Graph theoretical modeling of brain connectivity. Current Opinion in Neurology, 2010, 23, 341-350.	1.8	597
20	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
21	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

#	Article	IF	CITATIONS
22	Brain networks: Graph theoretical analysis and development models. International Journal of Imaging Systems and Technology, 2010, 20, 108-116.	2.7	7
23	MR connectomics: Principles and challenges. Journal of Neuroscience Methods, 2010, 194, 34-45.	1.3	251
24	Tracking brain dynamics via time-dependent network analysis. Journal of Neuroscience Methods, 2010, 193, 145-155.	1.3	112
25	From maps to mechanisms through neuroimaging of schizophrenia. Nature, 2010, 468, 194-202.	13.7	286
28	Using network science to evaluate exercise-associated brain changes in older adults. Frontiers in Aging Neuroscience, 2010, 2, 23.	1.7	223
29	Disrupted Modularity and Local Connectivity of Brain Functional Networks in Childhood-Onset Schizophrenia. Frontiers in Systems Neuroscience, 2010, 4, 147.	1.2	417
30	Aberrant Frontal and Temporal Complex Network Structure in Schizophrenia: A Graph Theoretical Analysis. Journal of Neuroscience, 2010, 30, 15915-15926.	1.7	616
31	Functional connectivity density mapping. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9885-9890.	3.3	546
32	Functional Connectivity and Brain Networks in Schizophrenia. Journal of Neuroscience, 2010, 30, 9477-9487.	1.7	1,214
33	Ultrafast method for mapping local functional connectivity hubs in the human brain. , 2010, 2010, 4274-7.		14
34	Development of a Large-Scale Functional Brain Network during Human Non-Rapid Eye Movement Sleep. Journal of Neuroscience, 2010, 30, 11379-11387.	1.7	276
35	Network-level structural covariance in the developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18191-18196.	3.3	362
36	Pathological Effects of Cortical Architecture on Working Memory in Schizophrenia. Pharmacopsychiatry, 2010, 43, S92-S97.	1.7	6
37	Abnormal Cortical Networks in Mild Cognitive Impairment and Alzheimer's Disease. PLoS Computational Biology, 2010, 6, e1001006.	1.5	390
38	Efficient Physical Embedding of Topologically Complex Information Processing Networks in Brains and Computer Circuits. PLoS Computational Biology, 2010, 6, e1000748.	1.5	340
39	Executive Function, Neural Circuitry, and Genetic Mechanisms in Schizophrenia. Neuropsychopharmacology, 2010, 35, 258-277.	2.8	198
40	Resting-state functional network correlates of psychotic symptoms in schizophrenia. Schizophrenia Research, 2010, 117, 21-30.	1.1	313
42	Can structure predict function in the human brain?. NeuroImage, 2010, 52, 766-776.	2.1	537

#	Article	IF	CITATIONS
#	Gender consistency and difference in healthy adults revealed by cortical thickness. NeuroImage, 2010,	IF	CHATIONS
43	53, 373-382.	2.1	86
44	Network-level analysis of cortical thickness of the epileptic brain. NeuroImage, 2010, 52, 1302-1313.	2.1	80
45	Network-based statistic: Identifying differences in brain networks. NeuroImage, 2010, 53, 1197-1207.	2.1	2,098
46	Human Brain Connectomics: Networks, Techniques, and Applications [Life Sciences. IEEE Signal Processing Magazine, 2010, 27, 131-134.	4.6	24
47	DSPs See Gains in Their Impact on New Medical Imaging Designs [Special Reports. IEEE Signal Processing Magazine, 2010, 27, 6-134.	4.6	3
48	Schizophrenia, brain disease and meta-analyses: Integrating the pieces and testing Fusar-Poli's hypothesis. Medical Hypotheses, 2010, 74, 142-144.	0.8	2
49	Exploring the brain network: A review on resting-state fMRI functional connectivity. European Neuropsychopharmacology, 2010, 20, 519-534.	0.3	2,656
50	Complex network measures of brain connectivity: Uses and interpretations. NeuroImage, 2010, 52, 1059-1069.	2.1	9,280
51	Whole-brain anatomical networks: Does the choice of nodes matter?. NeuroImage, 2010, 50, 970-983.	2.1	1,072
52	Surface area and cortical thickness descriptors reveal different attributes of the structural human brain networks. Neurolmage, 2010, 50, 1497-1510.	2.1	177
53	Comparing Brain Networks of Different Size and Connectivity Density Using Graph Theory. PLoS ONE, 2010, 5, e13701.	1.1	955
54	Neurophysiological and Computational Principles of Cortical Rhythms in Cognition. Physiological Reviews, 2010, 90, 1195-1268.	13.1	1,634
55	Altered functional–structural coupling of large-scale brain networks in idiopathic generalized epilepsy. Brain, 2011, 134, 2912-2928.	3.7	486
57	Graph-Theoretical Analysis Reveals Disrupted Small-World Organization of Cortical Thickness Correlation Networks in Temporal Lobe Epilepsy. Cerebral Cortex, 2011, 21, 2147-2157.	1.6	396
58	Disrupted Axonal Fiber Connectivity in Schizophrenia. Biological Psychiatry, 2011, 69, 80-89.	0.7	404
59	Variable Global Dysconnectivity and Individual Differences in Schizophrenia. Biological Psychiatry, 2011, 70, 43-50.	0.7	224
60	General and Specific Functional Connectivity Disturbances in First-Episode Schizophrenia During Cognitive Control Performance. Biological Psychiatry, 2011, 70, 64-72.	0.7	255
61	Mapping Corticocortical Structural Integrity in Schizophrenia and Effects of Genetic Liability. Biological Psychiatry, 2011, 70, 680-689.	0.7	50

#	Article	IF	Citations
62	New and emerging imaging techniques for mapping brain circuitry. Brain Research Reviews, 2011, 67, 226-251.	9.1	25
63	Globally Altered Structural Brain Network Topology in Grapheme-Color Synesthesia. Journal of Neuroscience, 2011, 31, 5816-5828.	1.7	123
64	Characterization of the anterior cingulate's role in the at-risk mental state using graph theory. NeuroImage, 2011, 56, 1531-1539.	2.1	50
65	Regions of interest for resting-state fMRI analysis determined by inter-voxel cross-correlation. NeuroImage, 2011, 56, 246-251.	2.1	20
66	Regional contraction of brain surface area involves three large-scale networks in schizophrenia. Schizophrenia Research, 2011, 129, 163-168.	1.1	73
67	Brain anatomical networks in early human brain development. NeuroImage, 2011, 54, 1862-1871.	2.1	198
68	Hemisphere- and gender-related differences in small-world brain networks: A resting-state functional MRI study. NeuroImage, 2011, 54, 191-202.	2.1	332
69	Network analysis detects changes in the contralesional hemisphere following stroke. NeuroImage, 2011, 54, 161-169.	2.1	204
70	Conserved and variable architecture of human white matter connectivity. NeuroImage, 2011, 54, 1262-1279.	2.1	328
71	Enriched white matter connectivity networks for accurate identification of MCI patients. NeuroImage, 2011, 54, 1812-1822.	2.1	191
72	Negative edges and soft thresholding in complex network analysis of resting state functional connectivity data. NeuroImage, 2011, 55, 1132-1146.	2.1	208
73	Topological isomorphisms of human brain and financial market networks. Frontiers in Systems Neuroscience, 2011, 5, 75.	1.2	12
74	Genetic Influences on Cost-Efficient Organization of Human Cortical Functional Networks. Journal of Neuroscience, 2011, 31, 3261-3270.	1.7	273
75	Measuring the hierarchy of feedforward networks. Chaos, 2011, 21, 016108.	1.0	18
76	EEG-based functional networks in schizophrenia. Computers in Biology and Medicine, 2011, 41, 1178-1186.	3.9	68
77	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
78	Statistical parametric network analysis of functional connectivity dynamics during a working memory task. NeuroImage, 2011, 55, 688-704.	2.1	97
79	Brain Graphs: Graphical Models of the Human Brain Connectome. Annual Review of Clinical Psychology, 2011, 7, 113-140.	6.3	943

ARTICLE IF CITATIONS # Long-range synchrony of gamma oscillations and auditory hallucination symptoms in schizophrenia. 80 0.5 149 International Journal of Psychophysiology, 2011, 79, 55-63. Large-scale brain networks and psychopathology: a unifying triple network model. Trends in Cognitive Sciences, 2011, 15, 483-506. Discovery and development of integrative biological markers for schizophrenia. Progress in 82 2.8 28 Neurobiology, 2011, 95, 686-702. Schneiderian first rank symptoms and inferior parietal lobule cortical thickness in antipsychotic-naÃ⁻ve schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 40-46. Experimental and Theoretical Approaches to Conscious Processing. Neuron, 2011, 70, 200-227. 84 3.8 1,768 Brain Connectivity. Neuroscientist, 2011, 17, 575-591. 2.6 Magnetic Resonance Imaging and Graph Theoretical Analysis of Complex Brain Networks in 86 0.8 88 Neuropsychiatric Disorders. Brain Connectivity, 2011, 1, 349-365. Functional connectivity hubs in the human brain. NeuroImage, 2011, 57, 908-917. 2.1 87 315 Disrupted Brain Connectivity Networks in Drug-Naive, First-Episode Major Depressive Disorder. 88 0.7 788 Biological Psychiatry, 2011, 70, 334-342. Impaired cerebellar functional connectivity in schizophrenia patients and their healthy siblings. 1.3 Frontiers in Psychiatry, 2011, 2, 73. Changes in Cognitive State Alter Human Functional Brain Networks. Frontiers in Human 90 1.0 86 Neuroscience, 2011, 5, 83. On the Influence of Amplitude on the Connectivity between Phases. Frontiers in Neuroinformatics, 1.3 2011, 5, 6. Brain Morphological Signatures for Chronic Pain. PLoS ONE, 2011, 6, e26010. 92 1.1 306 The Overlapping Community Structure of Structural Brain Network in Young Healthy Individuals. PLoS ONE, 2011, 6, e19608. 1.1 58 Brain Network Analysis: Separating Cost from Topology Using Cost-Integration. PLoS ONE, 2011, 6, 94 155 1.1 e21570. Structural brain networks and neuropsychiatric disorders. Current Opinion in Psychiatry, 2011, 24, 3.1 49 219-225. Altered Small-World Brain Networks in Temporal Lobe in Patients with Schizophrenia Performing an 96 1.2 63 Auditory Oddball Task. Frontiers in Systems Neuroscience, 2011, 5, 7. Identification of blood biomarkers for psychosis using convergent functional genomics. Molecular 4.1 143 Psychiatry, 2011, 16, 37-58.

ARTICLE IF CITATIONS # The human connectome: a complex network. Annals of the New York Academy of Sciences, 2011, 1224, 1.8 1,134 98 109-125. Longitudinal changes in brain structure following the first episode of psychosis. Psychiatry Research 99 - Neuroimaging, 2011, 191, 166-173. The Global Neuronal Workspace Model of Conscious Access: From Neuronal Architectures to 100 0.4 118 Clinical Applications. Research and Perspectives in Neurosciences, 2011, , 55-84. Graph theoretical analysis of human brain structural networks. Reviews in the Neurosciences, 2011, 1.4 22, 551-63. Het verbonden brein. Neuropraxis, 2011, 15, 3-14. 102 0.1 1 Scale-free statistics of neuronal assemblies predict learning performance. BMC Neuroscience, 2011, 12, 0.8 From Chemical Graphs in Computer-Aided Drug Design to General Markov-Galvez Indices of 104 Drug-Target, Proteome, Drug-Parasitic Disease, Technological, and Social-Legal Networks. Current 0.8 10 Computer-Aided Drug Design, 2011, 7, 315-337. The Brain as a Complex System: Using Network Science as a Tool for Understanding the Brain. Brain 0.8 Connectivity, 2011, 1, 295-308. Anatomical and Functional Assemblies of Brain BOLD Oscillations. Journal of Neuroscience, 2011, 31, 106 239 1.7 7910-7919. Integrative Etiopathogenetic Models of Psychotic Disorders: Methods, Evidence and Concepts. 2.3 Schizophrenia Bulletin, 2011, 37, S5-S12. Brain Hemispheric Structural Efficiency and Interconnectivity Rightward Asymmetry in Human and 108 171 1.6 Nonhuman Primates. Cerebral Cortex, 2011, 21, 56-67. Abnormal Medial Prefrontal Cortex Resting-State Connectivity in Bipolar Disorder and Schizophrenia. 2.8 281 Neuropsychopharmacology, 2011, 36, 2009-2017. Assessing the dynamics on functional brain networks using spectral graphy theory., 2011,,. 110 5 Age of Onset of Schizophrenia: Perspectives From Structural Neuroimaging Studies. Schizophrenia Bulletin, 2011, 37, 504-513. 2.3 Large-scale functional brain networks in human non-rapid eye movement sleep: insights from 113 combined electroencephalographic/functional magnetic resonance imaging studies. Philosophical 1.6 40 Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3708-3729. Discrete Neuroanatomical Networks Are Associated with Specific Cognitive Abilities in Old Age. 114 193 Journal of Neuroscience, 2011, 31, 1204-1212. The Ubiquity of Small-World Networks. Brain Connectivity, 2011, 1, 367-375. 115 0.8 401 Sex- and Brain Size–Related Small-World Structural Cortical Networks in Young Adults: A DTI 231 1.6 Tractography Study. Cerebral Cortex, 2011, 21, 449-458.

#	Article	IF	CITATIONS
117	CONSTRUCTING BRAIN FUNCTIONAL NETWORKS FROM EEG: PARTIAL AND UNPARTIAL CORRELATIONS. Journal of Integrative Neuroscience, 2011, 10, 213-232.	0.8	48
118	Neurobiologically Realistic Determinants of Self-Organized Criticality in Networks of Spiking Neurons. PLoS Computational Biology, 2011, 7, e1002038.	1.5	218
119	A Framework for Quantifying Node-Level Community Structure Group Differences in Brain Connectivity Networks. Lecture Notes in Computer Science, 2012, 15, 196-203.	1.0	20
120	Network assemblies in the functional brain. Current Opinion in Neurology, 2012, 25, 1.	1.8	35
121	Assortative and modular networks are shaped by adaptive synchronization processes. Physical Review E, 2012, 86, 015101.	0.8	24
122	Influence of network topology on sound propagation in granular materials. Physical Review E, 2012, 86, 041306.	0.8	100
123	Human functional neuroimaging. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 106, 97-105.	1.0	1
124	Hallucinations. , 2012, , .		16
125	Spatiotemporal Reconfiguration of Large-Scale Brain Functional Networks during Propofol-Induced Loss of Consciousness. Journal of Neuroscience, 2012, 32, 12832-12840.	1.7	175
126	Similarity-Based Extraction of Individual Networks from Gray Matter MRI Scans. Cerebral Cortex, 2012, 22, 1530-1541.	1.6	258
127	Inferring Functional Neural Connectivity with Phase Synchronization Analysis: A Review of Methodology. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-13.	0.7	27
128	Functional Graph Alterations in Schizophrenia: A Result from a Global Anatomic Decoupling?. Pharmacopsychiatry, 2012, 45, S57-S64.	1.7	36
129	Schizophrenia classification using functional network features. , 2012, , .		1
130	Brain Connectivity Studies in Schizophrenia: Unravelling the Effects of Antipsychotics. Current Neuropharmacology, 2012, 10, 219-230.	1.4	39
131	Functional Brain Networks: beyond the small-world paradigm*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 57-62.	0.4	4
132	The Integration of the Glutamatergic and the White Matter Hypotheses of Schizophrenias Etiology. Current Neuropharmacology, 2012, 10, 2-11.	1.4	6
133	Brain Connectivity and Gyrification as Endophenotypes for Schizophrenia: Weight of the Evidence. Current Topics in Medicinal Chemistry, 2012, 12, 2393-2403.	1.0	40
134	Focal Brain Lesions to Critical Locations Cause Widespread Disruption of the Modular Organization of the Brain. Journal of Cognitive Neuroscience, 2012, 24, 1275-1285.	1.1	318

#	Article	IF	CITATIONS
135	Test–retest reliability of resting-state connectivity network characteristics using fMRI and graph theoretical measures. NeuroImage, 2012, 59, 1404-1412.	2.1	414
136	Altered resting state functional brain network topology in chemotherapy-treated breast cancer survivors. Neurobiology of Disease, 2012, 48, 329-338.	2.1	150
137	Effects of Age on the Structure of Functional Connectivity Networks During Episodic and Working Memory Demand. Brain Connectivity, 2012, 2, 113-124.	0.8	25
138	Go with the Winner: Optimizing Detection of Modular Organization Differences in Dynamic Functional Brain Networks. , 2012, , .		0
139	Changing topological patterns in normal aging using large-scale structural networks. Neurobiology of Aging, 2012, 33, 899-913.	1.5	97
140	Discovering oscillatory interaction networks with M/EEG: challenges and breakthroughs. Trends in Cognitive Sciences, 2012, 16, 219-230.	4.0	323
141	Neuroanalysis: A method for brain-related neuroscientific diagnosis of mental disorders. Medical Hypotheses, 2012, 78, 636-640.	0.8	8
142	The organization of physiological brain networks. Clinical Neurophysiology, 2012, 123, 1067-1087.	0.7	514
143	Altered small-world properties of gray matter networks in breast cancer. BMC Neurology, 2012, 12, 28.	0.8	81
144	Simple models of human brain functional networks. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5868-5873.	3.3	303
145	Altered Functional Brain Connectivity in a Non-Clinical Sample of Young Adults with Attention-Deficit/Hyperactivity Disorder. Journal of Neuroscience, 2012, 32, 17753-17761.	1.7	130
148	ECONOMICAL NETWORK MODELS OF THE CONNECTOME IN SCHIZOPHRENIA. Schizophrenia Research, 2012, 136, S28.	1.1	1
150	Reduced Anterior Cingulate Cognitive Activation Is Associated with Prefrontal–Temporal Cortical Thinning in Schizophrenia. Biological Psychiatry, 2012, 71, 146-153.	0.7	26
151	Convergence and divergence of thickness correlations with diffusion connections across the human cerebral cortex. Neurolmage, 2012, 59, 1239-1248.	2.1	309
152	Anatomical insights into disrupted small-world networks in schizophrenia. NeuroImage, 2012, 59, 1085-1093.	2.1	160
153	Altered resting state complexity in schizophrenia. NeuroImage, 2012, 59, 2196-2207.	2.1	369
154	Effects of network resolution on topological properties of human neocortex. Neurolmage, 2012, 59, 3522-3532.	2.1	97
155	Hierarchical topological network analysis of anatomical human brain connectivity and differences related to sex and kinship. NeuroImage, 2012, 59, 3784-3804.	2.1	57

		CITATION RE	PORT	
#	Article		IF	CITATIONS
156	Brain connectivity in psychiatric imaging genetics. Neurolmage, 2012, 62, 2250-2260.		2.1	62
157	The discovery of population differences in network community structure: New methods applications to brain functional networks in schizophrenia. NeuroImage, 2012, 59, 388		2.1	195
158	Impact of in-scanner head motion on multiple measures of functional connectivity: Rele studies of neurodevelopment in youth. NeuroImage, 2012, 60, 623-632.	vance for	2.1	1,037
159	Schizophrenia, neuroimaging and connectomics. NeuroImage, 2012, 62, 2296-2314.		2.1	640
160	Altered small-world topology of structural brain networks in infants with intrauterine gr restriction and its association with later neurodevelopmental outcome. NeuroImage, 20 1352-1366.	owth)12, 60,	2.1	151
161	Connectivity differences in brain networks. NeuroImage, 2012, 60, 1055-1062.		2.1	233
162	On the use of correlation as a measure of network connectivity. NeuroImage, 2012, 60	2096-2106.	2.1	364
163	Why use a connectivity-based approach to study stroke and recovery of function?. Neu 62, 2271-2280.	rolmage, 2012,	2.1	258
164	Visual analytics of brain networks. NeuroImage, 2012, 61, 82-97.		2.1	31
165	Multi-scale classification of disease using structural MRI and wavelet transform. Neuroli 62, 48-58.	nage, 2012,	2.1	61
166	Altered structural connectivity in neonates at genetic risk for schizophrenia: A combine morphological and white matter networks. NeuroImage, 2012, 62, 1622-1633.	d study using	2.1	114
167	Modulations of functional connectivity in the healthy and schizophrenia groups during rest. NeuroImage, 2012, 62, 1694-1704.	task and	2.1	60
168	Modeling the outcome of structural disconnection on resting-state functional connecti NeuroImage, 2012, 62, 1342-1353.	vity.	2.1	169
169	Enhanced functional networks in absolute pitch. NeuroImage, 2012, 63, 632-640.		2.1	67
170	Abnormal topological organization of structural brain networks in schizophrenia. Schizo Research, 2012, 141, 109-118.	ophrenia	1.1	135
171	The impact of sampling density upon cortical network analysis: regions or points. Magn Imaging, 2012, 30, 978-992.	etic Resonance	1.0	11
172	Functional brain networks before the onset of psychosis: A prospective fMRI study with theoretical analysis. NeuroImage: Clinical, 2012, 1, 91-98.	graph	1.4	40
173	Effects of Different Correlation Metrics and Preprocessing Factors on Small-World Brair Networks: A Resting-State Functional MRI Study. PLoS ONE, 2012, 7, e32766.	Functional	1.1	163

		CITATION R	EPORT	
#	Article		IF	CITATIONS
174	EEG-Based Functional Brain Networks: Does the Network Size Matter?. PLoS ONE, 2012	2, 7, e35673.	1.1	60
175	GAT: A Graph-Theoretical Analysis Toolbox for Analyzing Between-Group Differences in Structural and Functional Brain Networks. PLoS ONE, 2012, 7, e40709.	Large-Scale	1.1	320
176	Reduced Connectivity in the Self-Processing Network of Schizophrenia Patients with Po PLoS ONE, 2012, 7, e42707.	oor Insight.	1.1	46
177	Rich Club Organization of Macaque Cerebral Cortex and Its Role in Network Communic ONE, 2012, 7, e46497.	ation. PLoS	1.1	262
178	Mapping the Alzheimer's Brain with Connectomics. Frontiers in Psychiatry, 2011, 2	, 77.	1.3	102
179	Connectomic Intermediate Phenotypes for Psychiatric Disorders. Frontiers in Psychiatry	v, 2012, 3, 32.	1.3	90
180	Using Multivariate Machine Learning Methods and Structural MRI to Classify Childhood Schizophrenia and Healthy Controls. Frontiers in Psychiatry, 2012, 3, 53.	l Onset	1.3	59
181	The fuzzy brain. Vagueness and mapping connectivity of the human cerebral cortex. Fro Neuroanatomy, 2012, 6, 37.	ontiers in	0.9	10
182	Finding behavioral and network indicators of brain vulnerability. Frontiers in Human Net 2011, 6, 10.	uroscience,	1.0	27
183	Working Memory Related Brain Network Connectivity in Individuals with Schizophrenia Siblings. Frontiers in Human Neuroscience, 2012, 6, 137.	and Their	1.0	109
184	Patients with Schizophrenia Fail to Up-Regulate Task-Positive and Down-Regulate Task- Networks: An fMRI Study Using an ICA Analysis Approach. Frontiers in Human Neurosci 149.	Negative Brain ence, 2012, 6,	1.0	36
185	Correspondence between structure and function in the human brain at rest. Frontiers in Neuroinformatics, 2012, 6, 10.	n	1.3	153
186	Tinnitus: network pathophysiology-network pharmacology. Frontiers in Systems Neuro 6, 1.	science, 2012,	1.2	120
187	Graph-based network analysis in schizophrenia. World Journal of Psychiatry, 2012, 2, 1.		1.3	44
188	Metacognitive Dysfunction in Schizophrenia. , 0, , .			0
189	The economy of brain network organization. Nature Reviews Neuroscience, 2012, 13, 3	336-349.	4.9	2,681
190	Modeling psychiatric disorders at the cellular and network levels. Molecular Psychiatry, 1239-1253.	2012, 17,	4.1	108
191	Advancing schizophrenia drug discovery: optimizing rodent models to bridge the transl Nature Reviews Drug Discovery, 2012, 11, 560-579.	ational gap.	21.5	154

#	Article	IF	CITATIONS
193	BSMac: A MATLAB toolbox implementing a Bayesian spatial model for brain activation and connectivity. Journal of Neuroscience Methods, 2012, 204, 133-143.	1.3	8
194	Phase Synchronization Analysis of EEG Signals: An Evaluation Based on Surrogate Tests. IEEE Transactions on Biomedical Engineering, 2012, 59, 2254-2263.	2.5	101
195	Ageâ€related changes in topological organization of structural brain networks in healthy individuals. Human Brain Mapping, 2012, 33, 552-568.	1.9	156
196	Increased cortico-subcortical functional connectivity in schizophrenia. Brain Imaging and Behavior, 2012, 6, 27-35.	1.1	40
197	Functional anatomy of cortical areas characterized by Von Economo neurons. Brain Structure and Function, 2013, 218, 1-20.	1.2	67
198	Normalization of similarity-based individual brain networks from gray matter MRI and its association with neurodevelopment in infants with intrauterine growth restriction. NeuroImage, 2013, 83, 901-911.	2.1	58
199	Neural systems language: A formal modeling language for the systematic description, unambiguous communication, and automated digital curation of neural connectivity. Journal of Comparative Neurology, 2013, 521, 2889-2906.	0.9	18
200	Apparent motion perception in patients with paranoid schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 233-239.	1.8	22
201	Computational Models of Hallucinations. , 2013, , 289-313.		10
202	Altered cortical gyrification patterns in panic disorder: Deficits andÂpotential compensation. Journal of Psychiatric Research, 2013, 47, 1446-1454.	1.5	14
203	The efficiency of functional brain networks does not differ between smokers and non-smokers. Psychiatry Research - Neuroimaging, 2013, 214, 349-356.	0.9	19
204	Large-scale brain functional modularity is reflected in slow electroencephalographic rhythms across the human non-rapid eye movement sleep cycle. NeuroImage, 2013, 70, 327-339.	2.1	91
205	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13982-13987.	3.3	195
206	Alterations of Superficial White Matter in Schizophrenia and Relationship to Cognitive Performance. Neuropsychopharmacology, 2013, 38, 1954-1962.	2.8	113
207	Structure out of chaos: Functional brain network analysis with EEG, MEG, and functional MRI. European Neuropsychopharmacology, 2013, 23, 7-18.	0.3	122
208	The Ontogeny of the Human Connectome. Neuroscientist, 2013, 19, 616-628.	2.6	169
209	Developmental Changes in Organization of Structural Brain Networks. Cerebral Cortex, 2013, 23, 2072-2085.	1.6	203
210	Network hubs in the human brain. Trends in Cognitive Sciences, 2013, 17, 683-696.	4.0	1,727

#	Article	IF	CITATIONS
211	Brainnetome-wide association studies in schizophrenia: The advances and future. Neuroscience and Biobehavioral Reviews, 2013, 37, 2818-2835.	2.9	25
212	The Anatomical Distance of Functional Connections Predicts Brain Network Topology in Health and Schizophrenia. Cerebral Cortex, 2013, 23, 127-138.	1.6	283
213	Aberrant functional connectivity between motor and language networks in rolandic epilepsy. Epilepsy Research, 2013, 107, 253-262.	0.8	65
214	Sensory and motor secondary symptoms as indicators of brain vulnerability. Journal of Neurodevelopmental Disorders, 2013, 5, 26.	1.5	53
215	A Predictive Network Model of Cerebral Cortical Connectivity Based on a Distance Rule. Neuron, 2013, 80, 184-197.	3.8	372
216	Structure–function relationship of working memory activity with hippocampal and prefrontal cortex volumes. Brain Structure and Function, 2013, 218, 173-186.	1.2	43
217	Disturbed grey matter coupling in schizophrenia. European Neuropsychopharmacology, 2013, 23, 46-54.	0.3	27
218	The influence of impaired processing speed on cognition in first-episode antipsychotic-naÃ⁻ve schizophrenic patients. European Psychiatry, 2013, 28, 332-339.	0.1	38
219	Complex biomarker discovery in neuroimaging data: Finding a needle in a haystack. NeuroImage: Clinical, 2013, 3, 123-131.	1.4	51
220	Functional connectivity abnormalities during contextual processing in schizophrenia and in Parkinson's disease. Brain and Cognition, 2013, 82, 243-253.	0.8	33
221	Altered functional and structural brain network organization in autism. NeuroImage: Clinical, 2013, 2, 79-94.	1.4	350
222	Topological properties of large-scale structural brain networks in children with familial risk for reading difficulties. NeuroImage, 2013, 71, 260-274.	2.1	91
223	The Convergence of Maturational Change and Structural Covariance in Human Cortical Networks. Journal of Neuroscience, 2013, 33, 2889-2899.	1.7	417
224	Linking human brain local activity fluctuations to structural and functional network architectures. NeuroImage, 2013, 73, 144-155.	2.1	73
225	Development of cortical anatomical properties from early childhood to early adulthood. NeuroImage, 2013, 76, 216-224.	2.1	72
226	Imaging structural co-variance between human brain regions. Nature Reviews Neuroscience, 2013, 14, 322-336.	4.9	841
227	Anomalous Gray Matter Structural Networks in Major Depressive Disorder. Biological Psychiatry, 2013, 74, 777-785.	0.7	135
228	Relationship Between Large-Scale Functional and Structural Covariance Networks in Idiopathic Generalized Epilepsy. Brain Connectivity, 2013, 3, 240-254.	0.8	66

# 229	ARTICLE Structural connectomics in brain diseases. NeuroImage, 2013, 80, 515-526.	IF 2.1	Citations 286
230	Network attributes for segregation and integration in the human brain. Current Opinion in Neurobiology, 2013, 23, 162-171.	2.0	809
231	Learning and comparing functional connectomes across subjects. NeuroImage, 2013, 80, 405-415.	2.1	185
232	Alzheimer's disease: connecting findings from graph theoretical studies of brain networks. Neurobiology of Aging, 2013, 34, 2023-2036.	1.5	355
233	Comparing connectivity pattern and small-world organization between structural correlation and resting-state networks in healthy adults. NeuroImage, 2013, 78, 402-414.	2.1	51
234	Comparing connectomes across subjects and populations at different scales. NeuroImage, 2013, 80, 416-425.	2.1	65
235	Graph analysis of the human connectome: Promise, progress, and pitfalls. NeuroImage, 2013, 80, 426-444.	2.1	677
236	Networks of anatomical covariance. NeuroImage, 2013, 80, 489-504.	2.1	355
237	Networks in Cognitive Science. Trends in Cognitive Sciences, 2013, 17, 348-360.	4.0	267
238	Abnormal Rich Club Organization and Functional Brain Dynamics in Schizophrenia. JAMA Psychiatry, 2013, 70, 783.	6.0	594
239	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. NeuroImage, 2013, 64, 240-256.	2.1	1,540
240	Enhanced frontoparietal network architectures following "gaze-contingent―versus "free-hand― motor learning. Neurolmage, 2013, 64, 267-276.	2.1	17
241	Studying the topological organization of the cerebral blood flow fluctuations in resting state. NeuroImage, 2013, 64, 173-184.	2.1	55
242	Development of brain structural connectivity between ages 12 and 30: A 4-Tesla diffusion imaging study in 439 adolescents and adults. NeuroImage, 2013, 64, 671-684.	2.1	172
243	Brain anatomical networks in world class gymnasts: A DTI tractography study. NeuroImage, 2013, 65, 476-487.	2.1	68
244	Machine Learning in Medical Imaging. Lecture Notes in Computer Science, 2013, , .	1.0	24
245	Detection of preclinical neural dysfunction from functional connectivity graphs derived from task fMRI. An example from degeneration. Psychiatry Research - Neuroimaging, 2013, 214, 322-330.	0.9	5
246	The Development of Hub Architecture in the Human Functional Brain Network. Cerebral Cortex, 2013, 23, 2380-2393.	1.6	194

#	Article	IF	CITATIONS
247	Aberrant topographical organization in gray matter structural network in late life depression: a graph theoretical analysis. International Psychogeriatrics, 2013, 25, 1929-1940.	0.6	39
248	Automatic inference of hierarchical graph models using genetic programming with an application to cortical networks. , 2013, , .		3
249	Weighted graph comparison techniques for brain connectivity analysis. , 2013, , .		111
250	Network Organization in Health and Disease: On Being a Reductionist and a Systems Biologist Too. Pharmacopsychiatry, 2013, 46, S10-S21.	1.7	12
251	Mechanisms Underlying Auditory Hallucinations—Understanding Perception without Stimulus. Brain Sciences, 2013, 3, 642-669.	1.1	31
252	The Network Modification (NeMo) Tool: Elucidating the Effect of White Matter Integrity Changes on Cortical and Subcortical Structural Connectivity. Brain Connectivity, 2013, 3, 451-463.	0.8	95
253	Assortative mixing in functional brain networks during epileptic seizures. Chaos, 2013, 23, 033139.	1.0	58
254	Human Brain Functional Network Changes Associated with Enhanced and Impaired Attentional Task Performance. Journal of Neuroscience, 2013, 33, 5903-5914.	1.7	103
255	Subcortical Volumetric Reductions in Adult Niemann-Pick Disease Type C: A Cross-Sectional Study. American Journal of Neuroradiology, 2013, 34, 1334-1340.	1.2	45
256	Analyzing complex functional brain networks: Fusing statistics and network science to understand the brain. Statistics Surveys, 2013, 7, 1-36.	7.3	111
257	A multi-site resting state fMRI study on the amplitude of low frequency fluctuations in schizophrenia. Frontiers in Neuroscience, 2013, 7, 137.	1.4	144
258	Functional connectivity in wakefulness and sleep. , 0, , 105-113.		0
260	Schizophrenia as a Network Disease: Disruption of Emergent Brain Function in Patients with Auditory Hallucinations. PLoS ONE, 2013, 8, e50625.	1.1	28
261	Single-Subject Grey Matter Graphs in Alzheimer's Disease. PLoS ONE, 2013, 8, e58921.	1.1	107
262	A Hybrid CPU-GPU Accelerated Framework for Fast Mapping of High-Resolution Human Brain Connectome. PLoS ONE, 2013, 8, e62789.	1.1	22
263	Combining Classification with fMRI-Derived Complex Network Measures for Potential Neurodiagnostics. PLoS ONE, 2013, 8, e62867.	1.1	39
264	Influence of Choice of Null Network on Small-World Parameters of Structural Correlation Networks. PLoS ONE, 2013, 8, e67354.	1.1	37
265	BrainNet Viewer: A Network Visualization Tool for Human Brain Connectomics. PLoS ONE, 2013, 8, e68910.	1.1	3,003

#	Article	IF	CITATIONS
266	Network-Level Structural Abnormalities of Cerebral Cortex in Type 1 Diabetes Mellitus. PLoS ONE, 2013, 8, e71304.	1.1	25
267	Intra- and Inter-Frequency Brain Network Structure in Health and Schizophrenia. PLoS ONE, 2013, 8, e72351.	1.1	54
268	SSVEP Response Is Related to Functional Brain Network Topology Entrained by the Flickering Stimulus. PLoS ONE, 2013, 8, e72654.	1.1	33
269	Long-Term Effects of Attentional Performance on Functional Brain Network Topology. PLoS ONE, 2013, 8, e74125.	1.1	49
270	Abnormal Organization of White Matter Network in Patients with No Dementia after Ischemic Stroke. PLoS ONE, 2013, 8, e81388.	1.1	21
271	Disrupted Topological Organization in Whole-Brain Functional Networks of Heroin-Dependent Individuals: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e82715.	1.1	47
272	Altered Topological Organization of Cortical Network in Adolescent Girls with Idiopathic Scoliosis. PLoS ONE, 2013, 8, e83767.	1.1	15
273	Graph theoretical analysis of resting magnetoencephalographic functional connectivity networks. Frontiers in Computational Neuroscience, 2013, 7, 93.	1.2	33
274	A longitudinal study of structural brain network changes with normal aging. Frontiers in Human Neuroscience, 2013, 7, 113.	1.0	55
275	Graph theory reveals dysconnected hubs in 22q11DS and altered nodal efficiency in patients with hallucinations. Frontiers in Human Neuroscience, 2013, 7, 402.	1.0	67
276	Decreased small-world functional network connectivity and clustering across resting state networks in schizophrenia: an fMRI classification tutorial. Frontiers in Human Neuroscience, 2013, 7, 520.	1.0	95
277	Imaging structural and functional brain networks in temporal lobe epilepsy. Frontiers in Human Neuroscience, 2013, 7, 624.	1.0	185
278	The envirome and the connectome: exploring the structural noise in the human brain associated with socioeconomic deprivation. Frontiers in Human Neuroscience, 2013, 7, 722.	1.0	23
280	Frequency Specificity of Regional Homogeneity in the Resting-State Human Brain. PLoS ONE, 2014, 9, e86818.	1.1	68
281	Neural Plasticity in Human Brain Connectivity: The Effects of Long Term Deep Brain Stimulation of the Subthalamic Nucleus in Parkinson's Disease. PLoS ONE, 2014, 9, e86496.	1.1	95
282	Effective Connectivity of Hippocampal Neural Network and Its Alteration in Mg2+-Free Epilepsy Model. PLoS ONE, 2014, 9, e92961.	1.1	19
283	Mapping Small-World Properties through Development in the Human Brain: Disruption in Schizophrenia. PLoS ONE, 2014, 9, e96176.	1.1	53
284	Hyper-Brain Networks Support Romantic Kissing in Humans. PLoS ONE, 2014, 9, e112080.	1.1	53

#	Article	IF	CITATIONS
285	The Utility of Electromagnetic Activity Measures in Obsessive Compulsive Disorder and Schizophrenia. , 0, , .		0
286	The entropic brain: a theory of conscious states informed by neuroimaging research with psychedelic drugs. Frontiers in Human Neuroscience, 2014, 8, 20.	1.0	673
287	Statistical network analysis for functional MRI: summary networks and group comparisons. Frontiers in Computational Neuroscience, 2014, 8, 51.	1.2	34
288	Quantifying uncertainty in brain network measures using Bayesian connectomics. Frontiers in Computational Neuroscience, 2014, 8, 126.	1.2	9
289	Evolutionary appearance of von Economoââ,¬â,,¢s neurons in the mammalian cerebral cortex. Frontiers in Human Neuroscience, 2014, 8, 104.	1.0	41
290	A review of structural neuroimaging in schizophrenia: from connectivity to connectomics. Frontiers in Human Neuroscience, 2014, 8, 653.	1.0	200
291	Frequency-specific network topologies in the resting human brain. Frontiers in Human Neuroscience, 2014, 8, 1022.	1.0	36
292	Reproducibility of graph metrics of human brain structural networks. Frontiers in Neuroinformatics, 2014, 8, 46.	1.3	33
293	Disrupted Prefrontal Interhemispheric Structural Coupling in Schizophrenia Related to Working Memory Performance. Schizophrenia Bulletin, 2014, 40, 914-924.	2.3	28
294	Single-Subject Gray Matter Graph Properties and Their Relationship with Cognitive Impairment in Early- and Late-Onset Alzheimer's Disease. Brain Connectivity, 2014, 4, 337-346.	0.8	69
295	Disrupted Structural Connectome Is Associated with Both Psychometric and Real-World Neuropsychological Impairment in Diffuse Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2014, 20, 887-896.	1.2	49
296	Risky monetary behavior in chronic back pain is associated with altered modular connectivity of the nucleus accumbens. BMC Research Notes, 2014, 7, 739.	0.6	48
297	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
298	Regional increases of cortical thickness in untreated, first-episode major depressive disorder. Translational Psychiatry, 2014, 4, e378-e378.	2.4	157
299	Handedness- and Hemisphere-Related Differences in Small-World Brain Networks: A Diffusion Tensor Imaging Tractography Study. Brain Connectivity, 2014, 4, 145-156.	0.8	50
300	Resolving Anatomical and Functional Structure in Human Brain Organization: Identifying Mesoscale Organization in Weighted Network Representations. PLoS Computational Biology, 2014, 10, e1003712.	1.5	57
301	Neuroimaging and plasticity in schizophrenia. Restorative Neurology and Neuroscience, 2014, 32, 119-127.	0.4	29
302	Structurally-Constrained Relationships between Cognitive States in the Human Brain. PLoS Computational Biology, 2014, 10, e1003591.	1.5	86

#	Article	IF	CITATIONS
303	A Neural Population Model Incorporating Dopaminergic Neurotransmission during Complex Voluntary Behaviors. PLoS Computational Biology, 2014, 10, e1003924.	1.5	7
304	Resolving Structural Variability in Network Models and the Brain. PLoS Computational Biology, 2014, 10, e1003491.	1.5	85
305	Influence of Wiring Cost on the Large-Scale Architecture of Human Cortical Connectivity. PLoS Computational Biology, 2014, 10, e1003557.	1.5	78
306	Morphological brain network assessed using graph theory and network filtration in deaf adults. Hearing Research, 2014, 315, 88-98.	0.9	35
307	Selective Disruption of Sociocognitive Structural Brain Networks in Autism and Alexithymia. Cerebral Cortex, 2014, 24, 3258-3267.	1.6	110
308	Sparse and shrunken estimates of MRI networks in the brain and their influence on network properties. Proceedings of SPIE, 2014, , .	0.8	0
309	Functional parcellations affect the network measures in graph analysis of resting-state fMRI. , 2014, , .		6
310	Heritability of structural brain network topology: A DTI study of 156 twins. Human Brain Mapping, 2014, 35, 5295-5305.	1.9	56
311	Recent Advances in Neuroimaging Biomarkers of Schizophrenia. , 2014, , 71-103.		1
312	Longitudinal development of cortical thickness, folding, and fiber density networks in the first 2 years of life. Human Brain Mapping, 2014, 35, 3726-3737.	1.9	51
313	Linking Macroscale Graph Analytical Organization to Microscale Neuroarchitectonics in the Macaque Connectome. Journal of Neuroscience, 2014, 34, 12192-12205.	1.7	143
314	Predictors of coupling between structural and functional cortical networks in normal aging. Human Brain Mapping, 2014, 35, 2724-2740.	1.9	26
315	Efficiency of weak brain connections support general cognitive functioning. Human Brain Mapping, 2014, 35, 4566-4582.	1.9	151
316	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
317	Dietary Omega-3 Fatty Acids Modulate Large-Scale Systems Organization in the Rhesus Macaque Brain. Journal of Neuroscience, 2014, 34, 2065-2074.	1.7	62
318	Brain network dynamics characterization in epileptic seizures. European Physical Journal: Special Topics, 2014, 223, 2933-2941.	1.2	9
319	Epigenetics, Stress, and Their Potential Impact on Brain Network Function: A Focus on the Schizophrenia Diatheses. Frontiers in Psychiatry, 2014, 5, 71.	1.3	23
320	Stochastic geometric network models for groups of functional and structural connectomes. NeuroImage, 2014, 101, 473-484.	2.1	16

#	Article	IF	CITATIONS
321	Structural and Functional Aspects Relating to Cost and Benefit of Rich Club Organization in the Human Cerebral Cortex. Cerebral Cortex, 2014, 24, 2258-2267.	1.6	223
322	Disrupted Modular Architecture of Cerebellum in Schizophrenia: A Graph Theoretic Analysis. Schizophrenia Bulletin, 2014, 40, 1216-1226.	2.3	67
323	Impaired Rich Club Connectivity in Unaffected Siblings of Schizophrenia Patients. Schizophrenia Bulletin, 2014, 40, 438-448.	2.3	169
325	Diagnostic Discontinuity in Psychosis: A Combined Study of Cortical Gyrification and Functional Connectivity. Schizophrenia Bulletin, 2014, 40, 675-684.	2.3	89
326	Brain network of semantic integration in sentence reading: Insights from independent component analysis and graph theoretical analysis. Human Brain Mapping, 2014, 35, 367-376.	1.9	21
327	Irritable bowel syndrome in female patients is associated with alterations in structural brain networks. Pain, 2014, 155, 137-149.	2.0	132
328	Thalamocortical connectivity during resting state in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 111-119.	1.8	100
329	Structure and dynamics of functional networks in child-onset schizophrenia. Clinical Neurophysiology, 2014, 125, 1589-1595.	0.7	16
330	An investigation into the functional and structural connectivity of the Default Mode Network. Neurolmage, 2014, 90, 381-389.	2.1	42
331	Brain Networks in Schizophrenia. Neuropsychology Review, 2014, 24, 32-48.	2.5	426
331 332	Brain Networks in Schizophrenia. Neuropsychology Review, 2014, 24, 32-48. Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306.	2.5 0.8	426 42
	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014,		
332	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306.	0.8	42
332 333	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306. The Prefrontal Cortex Makes the Brain a Preadaptive System. Proceedings of the IEEE, 2014, 102, 417-426. Graph Theory Analysis of Cortical-Subcortical Networks in Late-Life Depression. American Journal of	0.8	42 34
332 333 334	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306. The Prefrontal Cortex Makes the Brain a Preadaptive System. Proceedings of the IEEE, 2014, 102, 417-426. Graph Theory Analysis of Cortical-Subcortical Networks in Late-Life Depression. American Journal of Geriatric Psychiatry, 2014, 22, 195-206. The structural–functional connectome and the default mode network of the human brain.	0.8 16.4 0.6	42 34 78
332 333 334 335	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306. The Prefrontal Cortex Makes the Brain a Preadaptive System. Proceedings of the IEEE, 2014, 102, 417-426. Graph Theory Analysis of Cortical-Subcortical Networks in Late-Life Depression. American Journal of Geriatric Psychiatry, 2014, 22, 195-206. The structural–functional connectome and the default mode network of the human brain. NeuroImage, 2014, 102, 142-151. Childhood Maltreatment: Altered Network Centrality of Cingulate, Precuneus, Temporal Pole and	0.8 16.4 0.6 2.1	42 34 78 283
332 333 334 335 336	Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306. The Prefrontal Cortex Makes the Brain a Preadaptive System. Proceedings of the IEEE, 2014, 102, 417-426. Graph Theory Analysis of Cortical-Subcortical Networks in Late-Life Depression. American Journal of Geriatric Psychiatry, 2014, 22, 195-206. The structural–functional connectome and the default mode network of the human brain. NeuroImage, 2014, 102, 142-151. Childhood Maltreatment: Altered Network Centrality of Cingulate, Precuneus, Temporal Pole and Insula. Biological Psychiatry, 2014, 76, 297-305. The Effects of Pharmacological Treatment on Functional Brain Connectome in Obsessive-Compulsive	0.8 16.4 0.6 2.1 0.7	42 34 78 283 169

	Cit	TATION REPORT	
#	Article	IF	Citations
340	Reviewing the ketamine model for schizophrenia. Journal of Psychopharmacology, 2014, 28, 287-302.	2.0	243
341	Sex differences in the structural connectome of the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 823-828.	3.3	925
342	Investigating brain community structure abnormalities in bipolar disorder using path length associated community estimation. Human Brain Mapping, 2014, 35, 2253-2264.	1.9	57
343	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
344	Network Theory in Neuroscience. , 2014, , 1-21.		3
345	Corticocortical Evoked Potentials Reveal Projectors and Integrators in Human Brain Networks. Journal of Neuroscience, 2014, 34, 9152-9163.	1.7	107
346	The gateway coefficient: a novel metric for identifying critical connections in modular networks. European Physical Journal B, 2014, 87, 1.	0.6	7
347	Heritable changes in regional cortical thickness with age. Brain Imaging and Behavior, 2014, 8, 208-21	6. 1.1	19
348	Imaging Functional and Structural Brain Connectomics in Attention-Deficit/Hyperactivity Disorder. Molecular Neurobiology, 2014, 50, 1111-1123.	1.9	137
349	Disrupted structural and functional brain connectomes in mild cognitive impairment and Alzheimer‹ disease. Neuroscience Bulletin, 2014, 30, 217-232.	™S 1.5	135
350	Measuring individual morphological relationship of cortical regions. Journal of Neuroscience Methods, 2014, 237, 103-107.	1.3	78
351	Small-world network properties in prefrontal cortex correlate with predictors of psychopathology risk in young children: A NIRS study. NeuroImage, 2014, 85, 345-353.	2.1	84
352	Long-term reorganization of structural brain networks in a rabbit model of intrauterine growth restriction. Neurolmage, 2014, 100, 24-38.	2.1	32
353	Disrupted brain connectome in semantic variant of primary progressive aphasia. Neurobiology of Aging, 2014, 35, 2646-2655.	1.5	74
354	Working memory performance of early MS patients correlates inversely with modularity increases in resting state functional connectivity networks. NeuroImage, 2014, 94, 385-395.	2.1	106
355	Disruption of structure–function coupling in the schizophrenia connectome. NeuroImage: Clinical, 2014, 4, 779-787.	1.4	124
356	Disrupted cortical network as a vulnerability marker for obsessive–compulsive disorder. Brain Structure and Function, 2014, 219, 1801-1812.	1.2	22
357	Network analysis of auditory hallucinations in nonpsychotic individuals. Human Brain Mapping, 2014, 35, 1436-1445.	1.9	61

#	Article	IF	CITATIONS
358	A computational study of whole-brain connectivity in resting state and task fMRI. Medical Science Monitor, 2014, 20, 1024-1042.	0.5	19
359	Further insights into the interareal connectivity of a cortical network. Network Science, 2015, 3, 526-550.	0.8	0
360	A Multi-Dimensional and Integrative Approach to Examining the High-Risk and Ultra-High-Risk Stages of Bipolar Disorder. EBioMedicine, 2015, 2, 919-928.	2.7	30
361	Whole-brain structural topology in adult attention-deficit/hyperactivity disorder: Preserved global – disturbed local network organization. NeuroImage: Clinical, 2015, 9, 506-512.	1.4	31
362	A focused information criterion for graphical models in fMRI connectivity with high-dimensional data. Annals of Applied Statistics, 2015, 9, .	0.5	13
363	Schizophrenia. Nature Reviews Disease Primers, 2015, 1, 15067.	18.1	724
364	Intelligenceâ€related differences in the asymmetry of spontaneous cerebral activity. Human Brain Mapping, 2015, 36, 3586-3602.	1.9	53
365	Altered Cortical Thickness and Tract Integrity of the Mirror Neuron System and Associated Social Communication in Autism Spectrum Disorder. Autism Research, 2015, 8, 694-708.	2.1	8
366	Structural connectivity abnormality in children with acute mild traumatic brain injury using graph theoretical analysis. Human Brain Mapping, 2015, 36, 779-792.	1.9	81
367	Causal manipulation of functional connectivity in a specific neural pathway during behaviour and at rest. ELife, 2015, 4, .	2.8	55
368	Investigating Driver Fatigue versus Alertness Using the Granger Causality Network. Sensors, 2015, 15, 19181-19198.	2.1	73
369	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. Frontiers in Human Neuroscience, 2015, 9, 386.	1.0	758
370	Time-dependent degree-degree correlations in epileptic brain networks: from assortative to dissortative mixing. Frontiers in Human Neuroscience, 2015, 9, 462.	1.0	31
371	Aberrant Topological Patterns of Structural Cortical Networks in Psychogenic Erectile Dysfunction. Frontiers in Human Neuroscience, 2015, 9, 675.	1.0	20
372	Evaluating the reliability of different preprocessing steps to estimate graph theoretical measures in resting state fMRI data. Frontiers in Neuroscience, 2015, 9, 48.	1.4	61
373	Identification of functional networks in resting state fMRI data using adaptive sparse representation and affinity propagation clustering. Frontiers in Neuroscience, 2015, 9, 383.	1.4	33
374	Anomalous Gray Matter Structural Networks in Patients with Hepatitis B Virus-Related Cirrhosis without Overt Hepatic Encephalopathy. PLoS ONE, 2015, 10, e0119339.	1.1	6
375	Brain Structure Network Analysis in Patients with Obstructive Sleep Apnea. PLoS ONE, 2015, 10, e0139055.	1.1	25

#	Article	IF	CITATIONS
376	Network-based characterization of brain functional connectivity in Zen practitioners. Frontiers in Psychology, 2015, 6, 603.	1.1	35
377	Grey matter connectivity within and between auditory, language and visual systems inÂprelingually deaf adolescents. Restorative Neurology and Neuroscience, 2015, 33, 279-290.	0.4	16
378	A Window into the Brain: Advances in Psychiatric fMRI. BioMed Research International, 2015, 2015, 1-12.	0.9	18
379	Cortical Structural Connectivity Alterations in Primary Insomnia: Insights from MRI-Based Morphometric Correlation Analysis. BioMed Research International, 2015, 2015, 1-23.	0.9	45
380	Network structure of brain atrophy in de novo Parkinson's disease. ELife, 2015, 4, .	2.8	187
381	A Focused Information Criterion for Graphical Models in fMRI Connectivity with High-Dimensional Data. SSRN Electronic Journal, 2015, , .	0.4	1
383	Clinical Pain in Schizophrenia: A Forgotten Area. , 2015, , 221-229.		1
384	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. Neuropsychologia, 2015, 73, 82-93.	0.7	160
385	Altered functional brain network connectivity and glutamate system function in transgenic mice expressing truncated Disrupted-in-Schizophrenia 1. Translational Psychiatry, 2015, 5, e569-e569.	2.4	34
386	The (in)stability of functional brain network measures across thresholds. NeuroImage, 2015, 118, 651-661.	2.1	228
387	Statistical methods for comparing brain connectomes at different scales. Proceedings of SPIE, 2015, , .	0.8	0
388	Functional Connectivity in Patients With Sensorineural Hearing Loss Using Resting-State MRI. American Journal of Audiology, 2015, 24, 145-152.	0.5	34
390	Individual Diversity of Functional Brain Network Economy. Brain Connectivity, 2015, 5, 156-165.	0.8	16
392	Improved statistical evaluation of group differences in connectomes by screening–filtering strategy with application to study maturation of brain connections between childhood and adolescence. NeuroImage, 2015, 108, 251-264.	2.1	27
393	Thickness network features for prognostic applications in dementia. Neurobiology of Aging, 2015, 36, S91-S102.	1.5	44
394	Predicting functional connectivity from structural connectivity via computational models using MRI: An extensive comparison study. NeuroImage, 2015, 111, 65-75.	2.1	101
395	Assortative and disassortative mixing investigated using the spectra of graphs. Physical Review E, 2015, 91, 012813.	0.8	12
396	Characterizing the connectome in schizophrenia with diffusion spectrum imaging. Human Brain Mapping, 2015, 36, 354-366.	1.9	70

#	Article	IF	Citations
397	ls functional integration of resting state brain networks an unspecific biomarker for working memory performance?. NeuroImage, 2015, 108, 182-193.	2.1	51
398	Functional brain connectivity phenotypes for schizophrenia drug discovery. Journal of Psychopharmacology, 2015, 29, 169-177.	2.0	20
399	Pain, Emotion and Cognition. , 2015, , .		4
400	Joint Spectral Decomposition for the Parcellation of the Human Cerebral Cortex Using Resting-State fMRI. Lecture Notes in Computer Science, 2015, 24, 85-97.	1.0	27
401	Estimating individual contribution from group-based structural correlation networks. NeuroImage, 2015, 120, 274-284.	2.1	40
402	Functional brain network changes associated with clinical and biochemical measures of the severity of hepatic encephalopathy. NeuroImage, 2015, 122, 332-344.	2.1	30
403	Default mode network connectivity during task execution. NeuroImage, 2015, 122, 96-104.	2.1	127
404	Randomization and resilience of brain functional networks as systems-level endophenotypes of schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9123-9128.	3.3	112
405	Network analysis for a network disorder: The emerging role of graph theory in the study of epilepsy. Epilepsy and Behavior, 2015, 50, 162-170.	0.9	210
407	Functional Hubs in Mild Cognitive Impairment. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550034.	0.7	12
408	Identifying patients with Alzheimer's disease using resting-state fMRI and graph theory. Clinical Neurophysiology, 2015, 126, 2132-2141.	0.7	181
409	Effects of long-term methylphenidate treatment in adolescent and adult rats on hippocampal shape, functional connectivity and adult neurogenesis. Neuroscience, 2015, 309, 243-258.	1.1	23
410	Brain connectivity analysis from EEG signals using stable phase-synchronized states during face perception tasks. Physica A: Statistical Mechanics and Its Applications, 2015, 434, 273-295.	1.2	27
411	Functional connectivity homogeneity correlates with duration of temporal lobe epilepsy. Epilepsy and Behavior, 2015, 46, 227-233.	0.9	27
412	A review of structural and functional brain networks: small world and atlas. Brain Informatics, 2015, 2, 45-52.	1.8	56
413	Fibromyalgia is characterized by altered frontal and cerebellar structural covariance brain networks. NeuroImage: Clinical, 2015, 7, 667-677.	1.4	51
414	Cognitive Enhancement. Handbook of Experimental Pharmacology, 2015, , .	0.9	0
415	Social Cognition. Handbook of Experimental Pharmacology, 2015, 228, 271-303.	0.9	20

#	Article	IF	CITATIONS
417	A splitting brain: Imbalanced neural networks in schizophrenia. Psychiatry Research - Neuroimaging, 2015, 232, 145-153.	0.9	22
418	Aberrant cerebral network topology and mild cognitive impairment in early Parkinson's disease. Human Brain Mapping, 2015, 36, 2980-2995.	1.9	87
419	Compromised small-world efficiency of structural brain networks in schizophrenic patients and their unaffected parents. Neuroscience Bulletin, 2015, 31, 275-287.	1.5	24
420	Cognitive Network Neuroscience. Journal of Cognitive Neuroscience, 2015, 27, 1471-1491.	1.1	343
421	Further Neuroimaging Evidence for the Deficit Subtype of Schizophrenia. JAMA Psychiatry, 2015, 72, 446.	6.0	79
422	An integrated network model of psychotic symptoms. Neuroscience and Biobehavioral Reviews, 2015, 59, 238-250.	2.9	61
423	Converging models of schizophrenia – Network alterations of prefrontal cortex underlying cognitive impairments. Progress in Neurobiology, 2015, 134, 178-201.	2.8	71
424	Reduced Hemispheric Asymmetry of Brain Anatomical Networks Is Linked to Schizophrenia: A Connectome Study. Cerebral Cortex, 2017, 27, bhv255.	1.6	60
426	Annual Research Review: Growth connectomics – the organization and reorganization of brain networks during normal and abnormal development. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 299-320.	3.1	173
427	Structural covariance in schizophrenia and first-episode psychosis: An approach based on graph analysis. Journal of Psychiatric Research, 2015, 71, 89-96.	1.5	28
428	Semi-metric analysis of the functional brain network: Relationship with familial risk for psychotic disorder. NeuroImage: Clinical, 2015, 9, 607-616.	1.4	9
429	Decreased centrality of cortical volume covariance networks in autism spectrum disorders. Journal of Psychiatric Research, 2015, 69, 142-149.	1.5	25
430	Grey matter networks in people at increased familial risk for schizophrenia. Schizophrenia Research, 2015, 168, 1-8.	1.1	33
431	Dynamics of the connectome in Huntington's disease: A longitudinal diffusion MRI study. NeuroImage: Clinical, 2015, 9, 32-43.	1.4	23
432	The smarter, the stronger: Intelligence level correlates with brain resilience to systematic insults. Cortex, 2015, 64, 293-309.	1.1	77
433	Neural Signatures of Autism Spectrum Disorders: Insights into Brain Network Dynamics. Neuropsychopharmacology, 2015, 40, 171-189.	2.8	103
434	Development of Human Brain Structural Networks Through Infancy and Childhood. Cerebral Cortex, 2015, 25, 1389-1404.	1.6	165
435	Linked Sex Differences in Cognition and Functional Connectivity in Youth. Cerebral Cortex, 2015, 25, 2383-2394.	1.6	302

#	Article	IF	CITATIONS
436	A selective review of structural connectivity abnormalities of schizophrenic patients at different stages of the disease. Schizophrenia Research, 2015, 161, 19-28.	1.1	155
437	Preferential Detachment During Human Brain Development: Age- and Sex-Specific Structural Connectivity in Diffusion Tensor Imaging (DTI) Data. Cerebral Cortex, 2015, 25, 1477-1489.	1.6	110
438	Abnormalities in structural covariance of cortical gyrification in schizophrenia. Brain Structure and Function, 2015, 220, 2059-2071.	1.2	72
439	Review on Graph Clustering and Subgraph Similarity Based Analysis of Neurological Disorders. International Journal of Molecular Sciences, 2016, 17, 862.	1.8	14
440	Identification of segregated regions in the functional brain connectome of autistic patients by a combination of fuzzy spectral clustering and entropy analysis. Journal of Psychiatry and Neuroscience, 2016, 41, 124-132.	1.4	13
441	Structure, Function, and Propagation of Information across Living Two, Four, and Eight Node Degree Topologies. Frontiers in Bioengineering and Biotechnology, 2016, 4, 15.	2.0	18
442	A Symmetry-Based Method to Infer Structural Brain Networks from Probabilistic Tractography Data. Frontiers in Neuroinformatics, 2016, 10, 46.	1.3	5
443	Altered Cerebral Blood Flow Covariance Network in Schizophrenia. Frontiers in Neuroscience, 2016, 10, 308.	1.4	68
444	Mapping Multiplex Hubs in Human Functional Brain Networks. Frontiers in Neuroscience, 2016, 10, 326.	1.4	121
445	Using Individualized Brain Network for Analyzing Structural Covariance of the Cerebral Cortex in Alzheimer's Patients. Frontiers in Neuroscience, 2016, 10, 394.	1.4	38
446	Individual Differences in Dynamic Functional Brain Connectivity across the Human Lifespan. PLoS Computational Biology, 2016, 12, e1005178.	1.5	54
447	Temporal Changes in Local Functional Connectivity Density Reflect the Temporal Variability of the Amplitude of Low Frequency Fluctuations in Gray Matter. PLoS ONE, 2016, 11, e0154407.	1.1	42
448	Abnormal Connectional Fingerprint in Schizophrenia: A Novel Network Analysis of Diffusion Tensor Imaging Data. Frontiers in Psychiatry, 2016, 7, 114.	1.3	5
449	Inferring the Dysconnection Syndrome in Schizophrenia: Interpretational Considerations on Methods for the Network Analyses of fMRI Data. Frontiers in Psychiatry, 2016, 7, 132.	1.3	31
450	Globally Efficient Brain Organization and Treatment Response in Psychosis: A Connectomic Study of Gyrification. Schizophrenia Bulletin, 2016, 42, 1446-1456.	2.3	47
451	Cortical thickness and surface area correlates with cognitive dysfunction among first-episode psychosis patients. Psychological Medicine, 2016, 46, 2145-2155.	2.7	14
452	Change in brain network topology as a function of treatment response in schizophrenia: a longitudinal resting-state fMRI study using graph theory. NPJ Schizophrenia, 2016, 2, 16014.	2.0	100
453	Disrupted Topological Patterns of Large-Scale Network in Conduct Disorder. Scientific Reports, 2016, 6, 37053.	1.6	16

#	Article	IF	CITATIONS
454	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. Scientific Reports, 2016, 6, 28513.	1.6	24
455	Discrimination of coupling structures using causality networks from multivariate time series. Chaos, 2016, 26, 093120.	1.0	21
456	Disrupted functional brain connectome in unilateral sudden sensorineural hearing loss. Hearing Research, 2016, 335, 138-148.	0.9	42
457	Dynamics of the Human Structural Connectome Underlying Working Memory Training. Journal of Neuroscience, 2016, 36, 4056-4066.	1.7	82
458	Investigating the Microstructural Correlation of White Matter in Autism Spectrum Disorder. Brain Connectivity, 2016, 6, 415-433.	0.8	22
459	The primate connectome in context: Principles of connections of the cortical visual system. NeuroImage, 2016, 134, 685-702.	2.1	102
460	Species-conserved reconfigurations of brain network topology induced by ketamine. Translational Psychiatry, 2016, 6, e786-e786.	2.4	30
461	Functional independence in resting-state connectivity facilitates higher-order cognition. Brain and Cognition, 2016, 105, 78-87.	0.8	14
462	Structural Brain Connectivity and the Sit-to-Stand-to-Sit Performance in Individuals with Nonspecific Low Back Pain: A Diffusion Magnetic Resonance Imaging-Based Network Analysis. Brain Connectivity, 2016, 6, 795-803.	0.8	11
463	The segregated connectome of late-life depression: a combined cortical thickness and structural covariance analysis. Neurobiology of Aging, 2016, 48, 212-221.	1.5	33
465	Predictability and hierarchy in <i>Drosophila</i> behavior. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11943-11948.	3.3	160
466	Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6535-E6544.	3.3	137
467	Centrality and Hubs. , 2016, , 137-161.		12
468	Altered Integration of Structural Covariance Networks in Young Children With Type 1 Diabetes. Human Brain Mapping, 2016, 37, 4034-4046.	1.9	23
469	Singleâ€subject morphological brain networks: connectivity mapping, topological characterization and test–retest reliability. Brain and Behavior, 2016, 6, e00448.	1.0	119
470	Disrupted structural and functional rich club organization of the brain connectome in patients with generalized tonicâ€clonic seizure. Human Brain Mapping, 2016, 37, 4487-4499.	1.9	46
471	Gender-based analysis of cortical thickness and structural connectivity in Parkinson's disease. Journal of Neurology, 2016, 263, 2308-2318.	1.8	32
472	Disrupted anatomic networks in the 22q11.2 deletion syndrome. NeuroImage: Clinical, 2016, 12, 420-428.	1.4	4

#	Article	IF	CITATIONS
473	Stratifying Heterogeneous Dimension of Neurodegenerative Diseases: Intervention for Stipulating Epigenetic Factors to Combat Oxidative Stress in Human Brain. BioNanoScience, 2016, 6, 411-422.	1.5	2
474	Structural Covariance Networks and Their Association with Age, Features of Cerebral Small-Vessel Disease, and Cognitive Functioning in Older Persons. Brain Connectivity, 2016, 6, 681-690.	0.8	8
475	The Explanatory Power of Network Models. Philosophy of Science, 2016, 83, 698-709.	0.5	43
476	Signal propagation in neuronal networks with hierarchical structure. , 2016, , .		0
477	K-shell decomposition reveals hierarchical cortical organization of the human brain. New Journal of Physics, 2016, 18, 083013.	1.2	24
478	Anatomical and Functional Brain Network Architecture in Schizophrenia. , 2016, , 313-336.		1
479	Graph theoretical biomarkers for schizophrenic Brain Functional Networks. , 2016, , .		3
480	Identification of Focal Epileptogenic Networks in Generalized Epilepsy Using Brain Functional Connectivity Analysis of Bilateral Intracranial EEG Signals. Brain Topography, 2016, 29, 728-737.	0.8	12
482	The Role of Local and Large-Scale Neuronal Synchronization in Human Cognition. , 2016, , 51-67.		3
483	Empirical reference distributions for networks of different size. Social Networks, 2016, 47, 24-37.	1.3	5
484	Emerging hubs in phantom perception connectomics. NeuroImage: Clinical, 2016, 11, 181-194.	1.4	25
485	Disrupted Network Topology in Patients with Stable and Progressive Mild Cognitive Impairment and Alzheimer's Disease. Cerebral Cortex, 2016, 26, 3476-3493.	1.6	110
486	Measuring Large-Scale Synchronization with Human MEG and EEG: Challenges and Solutions. , 2016, , 1-18.		6
487	Disrupted subjectâ€specific gray matter network properties and cognitive dysfunction in type 1 diabetes patients with and without proliferative retinopathy. Human Brain Mapping, 2016, 37, 1194-1208.	1.9	25
488	Multilayer network decoding versatility and trust. Europhysics Letters, 2016, 113, 18007.	0.7	27
489	Neural signature of developmental coordination disorder in the structural connectome independent of comorbid autism. Developmental Science, 2016, 19, 599-612.	1.3	52
490	Disruption of structural covariance networks for language in autism is modulated by verbal ability. Brain Structure and Function, 2016, 221, 1017-1032.	1.2	43
491	Impaired functional integration in multiple sclerosis: a graph theory study. Brain Structure and Function, 2016, 221, 115-131.	1.2	122

#	Article	IF	CITATIONS
492	Topological organization of connectivity strength in the rat connectome. Brain Structure and Function, 2016, 221, 1719-1736.	1.2	51
493	Structural covariance networks in the mouse brain. NeuroImage, 2016, 129, 55-63.	2.1	32
494	Decreased functional connectivity density in pain-related brain regions of female migraine patients without aura. Brain Research, 2016, 1632, 73-81.	1.1	34
495	Disrupted functional brain network organization in patients with obstructive sleep apnea. Brain and Behavior, 2016, 6, e00441.	1.0	58
496	Altered Brain Network Segregation in Fragile X Syndrome Revealed by Structural Connectomics. Cerebral Cortex, 2016, 27, bhw055.	1.6	31
497	Comparative Connectomics. Trends in Cognitive Sciences, 2016, 20, 345-361.	4.0	289
498	Connectome organization is related to longitudinal changes in general functioning, symptoms and IQ in chronic schizophrenia. Schizophrenia Research, 2016, 173, 166-173.	1.1	36
499	Disruption of brain anatomical networks in schizophrenia: A longitudinal, diffusion tensor imaging based study. Schizophrenia Research, 2016, 171, 149-157.	1.1	45
500	Schneiderian first rank symptoms in schizophrenia: A developmental neuroscience evaluation. International Journal of Developmental Neuroscience, 2016, 50, 39-46.	0.7	6
501	Structural and Maturational Covariance in Early Childhood Brain Development. Cerebral Cortex, 2017, 27, bhw022.	1.6	111
502	Neuroimaging-Based Phenotyping of the Autism Spectrum. Current Topics in Behavioral Neurosciences, 2016, 30, 341-355.	0.8	33
503	Age differences in the functional interactions among the default, frontoparietal control, and dorsal attention networks. Neurobiology of Aging, 2016, 41, 159-172.	1.5	283
504	Gray matter network disruptions and amyloid beta in cognitively normal adults. Neurobiology of Aging, 2016, 37, 154-160.	1.5	51
505	More bilateral, more anterior: Alterations of brain organization in the large-scale structural network in Chinese dyslexia. NeuroImage, 2016, 124, 63-74.	2.1	36
506	Modular Patterns of Phase Desynchronization Networks During a Simple Visuomotor Task. Brain Topography, 2016, 29, 118-129.	0.8	24
507	Application of advanced machine learning methods on resting-state fMRI network for identification of mild cognitive impairment and Alzheimer's disease. Brain Imaging and Behavior, 2016, 10, 799-817.	1.1	183
508	The Association of Glucose Metabolism and Eigenvector Centrality in Alzheimer's Disease. Brain Connectivity, 2016, 6, 1-8.	0.8	18
509	High-Resolution Functional Connectivity Density: Hub Locations, Sensitivity, Specificity, Reproducibility, and Reliability. Cerebral Cortex, 2016, 26, 3249-3259.	1.6	73

#	Article	IF	CITATIONS
510	Large-Scale Persistent Network Reconfiguration Induced by Ketamine in Anesthetized Monkeys: Relevance to Mood Disorders. Biological Psychiatry, 2016, 79, 765-775.	0.7	66
511	Variation at NRG1 genotype related to modulation of small-world properties of the functional cortical network. European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 25-32.	1.8	4
512	Robustness and dynamicity of functional networks in phantom sound. NeuroImage, 2017, 146, 171-187.	2.1	16
513	Primary and persistent negative symptoms: Concepts, assessments and neurobiological bases. Schizophrenia Research, 2017, 186, 19-28.	1.1	110
514	Brain Modulyzer: Interactive Visual Analysis of Functional Brain Connectivity. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 805-818.	1.9	10
515	Alterations in the expression of a neurodevelopmental gene exert long-lasting effects on cognitive-emotional phenotypes and functional brain networks: translational evidence from the stress-resilient Ahi1 knockout mouse. Molecular Psychiatry, 2017, 22, 884-899.	4.1	11
516	Effects of Small-World Rewiring Probability and Noisy Synaptic Conductivity on Slow Waves: Cortical Network. Neural Computation, 2017, 29, 679-715.	1.3	1
517	Brain connectivity networks and longitudinal trajectories of depression symptoms in adolescence. Psychiatry Research - Neuroimaging, 2017, 260, 62-69.	0.9	8
518	Biomarkers, designs, and interpretations of restingâ€state fMRI in translational pharmacological research: A review of stateâ€ofâ€ŧheâ€Art, challenges, and opportunities for studying brain chemistry. Human Brain Mapping, 2017, 38, 2276-2325.	1.9	57
519	Topological Organization of Whole-Brain White Matter in HIV Infection. Brain Connectivity, 2017, 7, 115-122.	0.8	15
520	Altered structural brain changes and neurocognitive performance in pediatric HIV. NeuroImage: Clinical, 2017, 14, 316-322.	1.4	38
521	Childhood maltreatment is associated with alteration in global network fiber-tract architecture independent of history of depression and anxiety. NeuroImage, 2017, 150, 50-59.	2.1	48
522	Proportional thresholding in resting-state fMRI functional connectivity networks and consequences for patient-control connectome studies: Issues and recommendations. NeuroImage, 2017, 152, 437-449.	2.1	402
523	Anomalous singleâ€subject based morphological cortical networks in drugâ€naive, firstâ€episode major depressive disorder. Human Brain Mapping, 2017, 38, 2482-2494.	1.9	36
524	A Predictive Structural Model of the Primate Connectome. Scientific Reports, 2017, 7, 43176.	1.6	100
525	Evidence for Behaviorally Segregated, Spatiotemporally Overlapping Subnetworks in Phantom Sound Perception. Brain Connectivity, 2017, 7, 197-210.	0.8	9
526	Organisational Principles of Connectomes: Changes During Evolution and Development. Diversity and Commonality in Animals, 2017, , 387-401.	0.7	1
527	How small is it? Comparing indices of small worldliness. Network Science, 2017, 5, 30-44.	0.8	41

#	Article	IF	CITATIONS
528	Functional hypergraph uncovers novel covariant structures over neurodevelopment. Human Brain Mapping, 2017, 38, 3823-3835.	1.9	44
529	Progressive cortical reorganisation: A framework for investigating structural changes in schizophrenia. Neuroscience and Biobehavioral Reviews, 2017, 79, 1-13.	2.9	65
530	Altered Network Topology in Patients with Primary Brain Tumors After Fractionated Radiotherapy. Brain Connectivity, 2017, 7, 299-308.	0.8	23
531	Functional network changes and cognitive control in schizophrenia. NeuroImage: Clinical, 2017, 15, 161-170.	1.4	37
532	Dissecting the parieto-frontal correlates of fluid intelligence: A comprehensive ALE meta-analysis study. Intelligence, 2017, 63, 9-28.	1.6	73
533	A network engineering perspective on probing and perturbing cognition with neurofeedback. Annals of the New York Academy of Sciences, 2017, 1396, 126-143.	1.8	50
534	Presurgical thalamic "hubness―predicts surgical outcome in temporal lobe epilepsy. Neurology, 2017, 88, 2285-2293.	1.5	135
535	Structural covariance networks across the life span, from 6 to 94 years of age. Network Neuroscience, 2017, 1, 302-323.	1.4	63
536	Learning stable and predictive network-based patterns of schizophrenia and its clinical symptoms. NPJ Schizophrenia, 2017, 3, 22.	2.0	33
537	Brain Structural Networks Associated with Intelligence and Visuomotor Ability. Scientific Reports, 2017, 7, 2177.	1.6	42
538	Altered Topological Properties of Brain Networks in Social Anxiety Disorder: A Resting-state Functional MRI Study. Scientific Reports, 2017, 7, 43089.	1.6	39
539	New Insights on Temporal Lobe Epilepsy Based on Plasticity-Related Network Changes and High-Order Statistics. Molecular Neurobiology, 2018, 55, 3990-3998.	1.9	13
540	A network neuroscience of neurofeedback for clinical translation. Current Opinion in Biomedical Engineering, 2017, 1, 63-70.	1.8	13
541	Small-world human brain networks: Perspectives and challenges. Neuroscience and Biobehavioral Reviews, 2017, 77, 286-300.	2.9	285
542	Emerging Frontiers of Neuroengineering: A Network Science of Brain Connectivity. Annual Review of Biomedical Engineering, 2017, 19, 327-352.	5.7	49
543	Patterns of coordinated cortical remodeling during adolescence and their associations with functional specialization and evolutionary expansion. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3527-3532.	3.3	130
544	Screening of autism based on task-free fMRI using graph theoretical approach. Psychiatry Research - Neuroimaging, 2017, 263, 48-56.	0.9	49
545	Modeling Functional Connectivity on Empirical and Randomized Structural Brain Networks. Differential Equations and Dynamical Systems, 2021, 29, 789-805.	0.5	2

#	Article	IF	CITATIONS
546	Structural networks involved in attention and executive functions in multiple sclerosis. NeuroImage: Clinical, 2017, 13, 288-296.	1.4	87
547	A Large-Scale Semi-Chronic Microdrive Recording System for Non-Human Primates. Neuron, 2017, 96, 769-782.e2.	3.8	58
548	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
549	Age-Related Changes in Topological Degradation of White Matter Networks and Gene Expression in Chronic Schizophrenia. Brain Connectivity, 2017, 7, 574-589.	0.8	8
550	Biological Relevance of Network Architecture. Advances in Experimental Medicine and Biology, 2017, 988, 1-29.	0.8	3
551	Short-range connections in the developmental connectome during typical and atypical brain maturation. Neuroscience and Biobehavioral Reviews, 2017, 83, 109-122.	2.9	86
552	Classification of Alzheimer's Disease and Prediction of Mild Cognitive Impairment Conversion Using Histogram-Based Analysis of Patient-Specific Anatomical Brain Connectivity Networks. Journal of Alzheimer's Disease, 2017, 60, 295-304.	1.2	38
553	Brain functional networks: correlation analysis with clinical indexes in patients with diabetic retinopathy. Neuroradiology, 2017, 59, 1121-1131.	1.1	12
554	Functional Network Disruptions in Schizophrenia. Methods in Molecular Biology, 2017, 1613, 479-504.	0.4	4
555	Central and nonâ€central networks, cognition, clinical symptoms, and polygenic risk scores in schizophrenia. Human Brain Mapping, 2017, 38, 5919-5930.	1.9	26
556	Dualâ€echo ASL contributes to decrypting the link between functional connectivity and cerebral blow flow. Human Brain Mapping, 2017, 38, 5831-5844.	1.9	18
557	Diversity of functional connectivity patterns is reduced in propofolâ€induced unconsciousness. Human Brain Mapping, 2017, 38, 4980-4995.	1.9	48
558	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
559	Impaired brain network architecture in newly diagnosed Parkinson's disease based on graph theoretical analysis. Neuroscience Letters, 2017, 657, 151-158.	1.0	71
560	An Evolutionary Game Theory Model of Spontaneous Brain Functioning. Scientific Reports, 2017, 7, 15978.	1.6	7
561	Network connectivity correlates of variability in fluid intelligence performance. Intelligence, 2017, 65, 35-47.	1.6	55
562	Abnormal Rich-Club Organization Associated with Compromised Cognitive Function in Patients with Schizophrenia and Their Unaffected Parents. Neuroscience Bulletin, 2017, 33, 445-454.	1.5	25
563	Measuring alterations in oscillatory brain networks in schizophrenia with resting-state MEC: State-of-the-art and methodological challenges. Clinical Neurophysiology, 2017, 128, 1719-1736.	0.7	32

#	Article	IF	CITATIONS
564	Bayesian vector autoregressive model for multiâ€subject effective connectivity inference using multiâ€modal neuroimaging data. Human Brain Mapping, 2017, 38, 1311-1332.	1.9	22
565	Integrated multimodal network approach to PET and MRI based on multidimensional persistent homology. Human Brain Mapping, 2017, 38, 1387-1402.	1.9	44
566	Altered brain network integrity after childhood maltreatment: A structural connectomic DTI-study. Human Brain Mapping, 2017, 38, 855-868.	1.9	54
567	Brain network connectivity in women exposed to intimate partner violence: a graph theory analysis study. Brain Imaging and Behavior, 2017, 11, 1629-1639.	1.1	27
568	Imaging structural covariance in the development of intelligence. NeuroImage, 2017, 144, 227-240.	2.1	56
569	Quantitative evaluation of simulated functional brain networks in graph theoretical analysis. NeuroImage, 2017, 146, 724-733.	2.1	25
570	Small-World Brain Networks Revisited. Neuroscientist, 2017, 23, 499-516.	2.6	535
571	Altered whole-brain connectivity in albinism. Human Brain Mapping, 2017, 38, 740-752.	1.9	6
572	Abnormalities in the structural covariance of emotion regulation networks in major depressive disorder. Journal of Psychiatric Research, 2017, 84, 237-242.	1.5	43
573	Anatomical dysconnectivity in bipolar disorder compared with schizophrenia: A selective review of structural network analyses using diffusion MRI. Journal of Affective Disorders, 2017, 209, 217-228.	2.0	95
574	Hierarchy in industrial structure: The cases of China and the USA. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 871-882.	1.2	13
575	Reorganization of brain connectivity in obesity. Human Brain Mapping, 2017, 38, 1403-1420.	1.9	65
576	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
577	Neural Plasticity in Human Brain Connectivity. , 2017, , 527-546.		0
578	Progress and challenges for understanding the function of cortical microcircuits in auditory processing. Nature Communications, 2017, 8, 2165.	5.8	32
579	Abnormalities in Structural Covariance of Cortical Gyrification in Parkinson's Disease. Frontiers in Neuroanatomy, 2017, 11, 12.	0.9	13
580	Construction of Individual Morphological Brain Networks with Multiple Morphometric Features. Frontiers in Neuroanatomy, 2017, 11, 34.	0.9	62
581	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. Frontiers in Human Neuroscience, 2017, 11, 48.	1.0	50

#	Article	IF	CITATIONS
582	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
583	Ensemble Classification of Alzheimer's Disease and Mild Cognitive Impairment Based on Complex Graph Measures from Diffusion Tensor Images. Frontiers in Neuroscience, 2017, 11, 56.	1.4	52
584	Graph Analysis and Modularity of Brain Functional Connectivity Networks: Searching for the Optimal Threshold. Frontiers in Neuroscience, 2017, 11, 441.	1.4	75
585	Human Fetal Brain Connectome: Structural Network Development from Middle Fetal Stage to Birth. Frontiers in Neuroscience, 2017, 11, 561.	1.4	52
586	Machine Learning Classification Combining Multiple Features of A Hyper-Network of fMRI Data in Alzheimer's Disease. Frontiers in Neuroscience, 2017, 11, 615.	1.4	43
587	Schizophrenia Shows Disrupted Links between Brain Volume and Dynamic Functional Connectivity. Frontiers in Neuroscience, 2017, 11, 624.	1.4	42
588	Complex Brain Network Analysis and Its Applications to Brain Disorders: A Survey. Complexity, 2017, 2017, 1-27.	0.9	90
589	The Temporal Pattern of a Lesion Modulates the Functional Network Topology of Remote Brain Regions. Neural Plasticity, 2017, 2017, 1-11.	1.0	20
590	BRAPH: A graph theory software for the analysis of brain connectivity. PLoS ONE, 2017, 12, e0178798.	1.1	187
591	Multivariate regression analysis of structural MRI connectivity matrices in Alzheimer's disease. PLoS ONE, 2017, 12, e0187281.	1.1	15
592	Functional and structural connectome properties in the 5XFAD transgenic mouse model of Alzheimer's disease. Network Neuroscience, 2018, 2, 241-258.	1.4	23
593	The impact of in-scanner head motion on structural connectivity derived from diffusion MRI. NeuroImage, 2018, 173, 275-286.	2.1	102
594	Graph theory analysis of cortical thickness networks in adolescents with dâ€ŧransposition of the great arteries. Brain and Behavior, 2018, 8, e00834.	1.0	25
595	Hubs in the human fetal brain network. Developmental Cognitive Neuroscience, 2018, 30, 108-115.	1.9	75
596	Disorganized Gyrification Network Properties During the Transition to Psychosis. JAMA Psychiatry, 2018, 75, 613.	6.0	56
597	Multimodal Connectomics in Psychiatry: Bridging Scales From Micro to Macro. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 767-776.	1.1	13
598	Disrupted modular organization of primary sensory brain areas in schizophrenia. Neurolmage: Clinical, 2018, 18, 682-693.	1.4	46
599	Understanding the Emergence of Neuropsychiatric Disorders With Network Neuroscience. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 742-753.	1.1	61

#	Article	IF	CITATIONS
600	Network Neuroscience: A Framework for Developing Biomarkers in Psychiatry. Current Topics in Behavioral Neurosciences, 2018, 40, 79-109.	0.8	16
601	Imaging and Genetic Biomarkers Predicting Transition to Psychosis. Current Topics in Behavioral Neurosciences, 2018, 40, 353-388.	0.8	13
602	The development of functional network organization in early childhood and early adolescence: A resting-state fNIRS study. Developmental Cognitive Neuroscience, 2018, 30, 223-235.	1.9	48
603	High field imaging of large-scale neurotransmitter networks: Proof of concept and initial application to epilepsy. NeuroImage: Clinical, 2018, 19, 47-55.	1.4	13
604	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
605	Time scale properties of task and resting-state functional connectivity: Detrended partial cross-correlation analysis. NeuroImage, 2018, 173, 240-248.	2.1	11
606	Intrinsic, stimulus-driven and task-dependent connectivity in human auditory cortex. Brain Structure and Function, 2018, 223, 2113-2127.	1.2	12
607	Randomized EEC functional brain networks in major depressive disorders with greater resilience and lower rich-club coefficient. Clinical Neurophysiology, 2018, 129, 743-758.	0.7	49
608	Structural Covariance of Gray Matter Volume in HIV Vertically Infected Adolescents. Scientific Reports, 2018, 8, 1182.	1.6	20
609	Multiple cortical thickness sub-networks and cognitive impairments in first episode, drug naÃ ⁻ ve patients with late life depression: A graph theory analysis. Journal of Affective Disorders, 2018, 229, 538-545.	2.0	8
610	Neural Mechanisms of Early-Life Social Stress as a Developmental Risk Factor for Severe Psychiatric Disorders. Biological Psychiatry, 2018, 84, 116-128.	0.7	24
611	Structural covariance network centrality in maltreated youth with posttraumatic stress disorder. Journal of Psychiatric Research, 2018, 98, 70-77.	1.5	20
612	Network biology: Describing biological systems by complex networks. Physics of Life Reviews, 2018, 24, 159-161.	1.5	6
613	Cerebral changes and disrupted gray matter cortical networks in asymptomatic older adults at risk for Alzheimer's disease. Neurobiology of Aging, 2018, 64, 58-67.	1.5	8
614	Altered structural network organization in cognitively normal individuals with amyloid pathology. Neurobiology of Aging, 2018, 64, 15-24.	1.5	30
615	Application of Graph Theory to Assess Static and Dynamic Brain Connectivity: Approaches for Building Brain Graphs. Proceedings of the IEEE, 2018, 106, 886-906.	16.4	53
616	Amyloid Network Topology Characterizes the Progression of Alzheimer's Disease During the Predementia Stages. Cerebral Cortex, 2018, 28, 340-349.	1.6	28
617	Electroencephalographic derived network differences in Lewy body dementia compared to Alzheimer's disease patients. Scientific Reports, 2018, 8, 4637.	1.6	44

#	Article	IF	CITATIONS
618	Estimating the impact of structural directionality: How reliable are undirected connectomes?. Network Neuroscience, 2018, 2, 259-284.	1.4	33
619	Disrupted grey matter network morphology in pediatric posttraumatic stress disorder. NeuroImage: Clinical, 2018, 18, 943-951.	1.4	28
620	Impaired conscious access and abnormal attentional amplification in schizophrenia. NeuroImage: Clinical, 2018, 18, 835-848.	1.4	23
621	Structural dysconnectivity of key cognitive and emotional hubs in young people at high genetic risk for bipolar disorder. Molecular Psychiatry, 2018, 23, 413-421.	4.1	48
622	Human brain mapping: A systematic comparison of parcellation methods for the human cerebral cortex. NeuroImage, 2018, 170, 5-30.	2.1	280
623	Neuronal Ryanodine Receptors in Development and Aging. Molecular Neurobiology, 2018, 55, 1183-1192.	1.9	58
624	Altered Brain Network Dynamics inÂSchizophrenia: A Cognitive Electroencephalography Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 88-98.	1.1	20
625	D2/D3 dopamine receptor binding with [F-18]fallypride correlates of executive function in medication-naĀ ⁻ ve patients with schizophrenia. Schizophrenia Research, 2018, 192, 442-456.	1.1	14
626	Linking Entropy at Rest with the Underlying Structural Connectivity in the Healthy and Lesioned Brain. Cerebral Cortex, 2018, 28, 2948-2958.	1.6	31
627	Cortical Dysconnectivity Measured by Structural Covariance Is Associated With the Presence of Psychotic Symptoms in 22q11.2 Deletion Syndrome. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 433-442.	1.1	19
628	Abnormal Structural Brain Connectome in Individuals with Preclinical Alzheimer's Disease. Cerebral Cortex, 2018, 28, 3638-3649.	1.6	29
629	Gray matter networks and clinical progression in subjects with predementia Alzheimer's disease. Neurobiology of Aging, 2018, 61, 75-81.	1.5	52
630	Dynamic changes in large-scale functional network organization during autobiographical memory retrieval. Neuropsychologia, 2018, 110, 208-224.	0.7	28
631	Combining region- and network-level brain-behavior relationships in a structural equation model. NeuroImage, 2018, 165, 158-169.	2.1	18
632	Modelling information flow along the human connectome using maximum flow. Medical Hypotheses, 2018, 110, 155-160.	0.8	1
633	Annual Research Review: Not just a small adult brain: understanding later neurodevelopment through imaging the neonatal brain. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 350-371.	3.1	73
634	Mapping the structural and functional network architecture of the medial temporal lobe using 7T MRI. Human Brain Mapping, 2018, 39, 851-865.	1.9	60
635	Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations. NeuroImage, 2018, 166, 371-384.	2.1	44

#	Article	IF	CITATIONS
636	Brain Function Networks Reveal Movement-related EEG Potentials Associated with Exercise-induced Fatigue. , 2018, , .		1
637	Alterations of Graphic Properties and Related Cognitive Functioning Changes in Mild Alzheimer's Disease Revealed by Individual Morphological Brain Network. Frontiers in Neuroscience, 2018, 12, 927.	1.4	13
638	Selective Recruitment in Hierarchical Complex Dynamical Networks with Linear-Threshold Rate Dynamics. , 2018, , .		1
639	Predicting how and when hidden neurons skew measured synaptic interactions. PLoS Computational Biology, 2018, 14, e1006490.	1.5	22
640	Alterations in Brain Network Topology and Structural-Functional Connectome Coupling Relate to Cognitive Impairment. Frontiers in Aging Neuroscience, 2018, 10, 404.	1.7	52
641	Connectomic imaging reveals Huntingtonâ€related pathological and pharmaceutical effects in a mouse model. NMR in Biomedicine, 2018, 31, e4007.	1.6	18
642	Association between function and structure of the triple network and catechol-O-methyltransferase val158met polymorphism in the first episode schizophrenia. Neuroscience Letters, 2018, 687, 65-70.	1.0	8
643	Dynamic Neural Network Reconfiguration During the Generation and Reinstatement of Mnemonic Representations. Frontiers in Human Neuroscience, 2018, 12, 292.	1.0	7
644	Spatial Embedding Imposes Constraints on Neuronal Network Architectures. Trends in Cognitive Sciences, 2018, 22, 1127-1142.	4.0	87
645	On the Extraction and Analysis of Graphs From Resting-State fMRI to Support a Correct and Robust Diagnostic Tool for Alzheimer's Disease. Frontiers in Neuroscience, 2018, 12, 528.	1.4	7
646	An efficient algorithm for estimating brain covariance networks. PLoS ONE, 2018, 13, e0198583.	1.1	2
647	Unaltered intrinsic functional brain architecture in young women with primary dysmenorrhea. Scientific Reports, 2018, 8, 12971.	1.6	13
648	Quantifying layer similarity in multiplex networks: a systematic study. Royal Society Open Science, 2018, 5, 171747.	1.1	44
649	Callosal and subcortical white matter alterations in schizophrenia: A diffusion tensor imaging study at multiple levels. NeuroImage: Clinical, 2018, 20, 594-602.	1.4	12
650	Integration of network topological features and graph Fourier transform for fMRI data analysis. , 2018, , .		6
651	Longitudinal Alzheimer's Degeneration Reflects the Spatial Topography of Cholinergic Basal Forebrain Projections. Cell Reports, 2018, 24, 38-46.	2.9	64
652	Identification of Alzheimer's Disease and Mild Cognitive Impairment Using Networks Constructed Based on Multiple Morphological Brain Features. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 887-897.	1.1	30
653	Models of Network Spread and Network Degeneration in Brain Disorders. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 788-797.	1.1	37

#	Article	IF	CITATIONS
654	Brain Structural Covariance Network Topology in Remitted Posttraumatic Stress Disorder. Frontiers in Psychiatry, 2018, 9, 90.	1.3	11
655	Deterioration in Global Organization of Structural Brain Networks in Schizophrenia: A Diffusion MRI Tractography Study. Frontiers in Psychiatry, 2018, 9, 272.	1.3	18
656	Fragility and volatility of structural hubs in the human connectome. Nature Neuroscience, 2018, 21, 1107-1116.	7.1	93
657	Multiple Frequency Bands Analysis of Large Scale Intrinsic Brain Networks and Its Application in Schizotypal Personality Disorder. Frontiers in Computational Neuroscience, 2018, 12, 64.	1.2	14
658	The Influence of Preprocessing Steps on Graph Theory Measures Derived from Resting State fMRI. Frontiers in Computational Neuroscience, 2018, 12, 8.	1.2	29
659	Individual Morphological Brain Network Construction Based on Multivariate Euclidean Distances Between Brain Regions. Frontiers in Human Neuroscience, 2018, 12, 204.	1.0	32
660	Segregation of Brain Structural Networks Supports Spatio-Temporal Predictive Processing. Frontiers in Human Neuroscience, 2018, 12, 212.	1.0	7
661	Development of Structural Covariance From Childhood to Adolescence: A Longitudinal Study in 22q11.2DS. Frontiers in Neuroscience, 2018, 12, 327.	1.4	16
662	Role of inter-hemispheric connections in functional brain networks. Scientific Reports, 2018, 8, 10246.	1.6	14
663	On the nature and use of models in network neuroscience. Nature Reviews Neuroscience, 2018, 19, 566-578.	4.9	277
664	Gray Matter Network Disruptions and Regional Amyloid Beta in Cognitively Normal Adults. Frontiers in Aging Neuroscience, 2018, 10, 67.	1.7	29
665	Reduced local segregation of singleâ€subject gray matter networks in adult PTSD. Human Brain Mapping, 2018, 39, 4884-4892.	1.9	24
666	Establishing the cognitive signature of human brain networks derived from structural and functional connectivity. Brain Structure and Function, 2018, 223, 4023-4038.	1.2	20
667	Dynamic Reorganization of Functional Connectivity Reveals Abnormal Temporal Efficiency in Schizophrenia. Schizophrenia Bulletin, 2019, 45, 659-669.	2.3	59
668	Accelerated intermittent theta burst stimulation in major depression induces decreases in modularity: A connectome analysis. Network Neuroscience, 2019, 3, 157-172.	1.4	20
669	Perception Coordination Network: A Neuro Framework for Multimodal Concept Acquisition and Binding. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1104-1118.	7.2	2
670	Microstructure-Informed Connectomics: Enriching Large-Scale Descriptions of Healthy and Diseased Brains. Brain Connectivity, 2019, 9, 113-127.	0.8	50
671	Reappraisal of Interpersonal Criticism in Social Anxiety Disorder: A Brain Network Hierarchy Perspective. Cerebral Cortex, 2019, 29, 3154-3167.	1.6	10

#	Article	IF	CITATIONS
672	Structural covariance and cortical reorganisation in schizophrenia: a MRI-based morphometric study. Psychological Medicine, 2019, 49, 412-420.	2.7	34
673	Real-space visualization of quantum phase transitions by network topology. Physical Review E, 2019, 100, 012304.	0.8	3
674	Decreased Cross-Domain Mutual Information in Schizophrenia From Dynamic Connectivity States. Frontiers in Neuroscience, 2019, 13, 873.	1.4	11
675	Abnormal intra-network architecture in extra-striate cortices in amblyopia: a resting state fMRI study. Eye and Vision (London, England), 2019, 6, 20.	1.4	7
676	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
677	The human connectome from an evolutionary perspective. Progress in Brain Research, 2019, 250, 129-151.	0.9	18
678	New Graph-Theoretical-Multimodal Approach Using Temporal and Structural Correlations Reveals Disruption in the Thalamo-Cortical Network in Patients with Schizophrenia. Brain Connectivity, 2019, 9, 760-769.	0.8	3
679	Extended multimodal whole-brain anatomical covariance analysis: detection of disrupted correlation networks related to amyloid deposition. Heliyon, 2019, 5, e02074.	1.4	4
680	Structural brain network of gifted children has a more integrated and versatile topology. Brain Structure and Function, 2019, 224, 2373-2383.	1.2	31
681	Methods for analysis of brain connectivity: An IFCN-sponsored review. Clinical Neurophysiology, 2019, 130, 1833-1858.	0.7	106
682	Source-based morphometry: a decade of covarying structural brain patterns. Brain Structure and Function, 2019, 224, 3031-3044.	1.2	48
683	Difference Analysis of Brain Network Working Memory Data with EEG Sub-Sequence Feature Vector as Node. , 2019, , .		Ο
684	Hierarchical frequency clusters in adaptive networks of phase oscillators. Chaos, 2019, 29, 103134.	1.0	39
685	A Critical Comparison of Pipelines for Structural Brain Network Analysis. , 2019, 2019, 150-153.		0
686	Frequency cluster formation and slow oscillations in neural populations with plasticity. PLoS ONE, 2019, 14, e0225094.	1.1	27
687	Analysis of brain subnetworks within the context of their wholeâ€brain networks. Human Brain Mapping, 2019, 40, 5123-5141.	1.9	13
688	Combined Use of MRI, fMRIand Cognitive Data for Alzheimer's Disease: Preliminary Results. Applied Sciences (Switzerland), 2019, 9, 3156.	1.3	15
689	Constructing brain connectivity group graphs from EEG time series. Journal of Applied Statistics, 2019, 46, 1107-1128.	0.6	5

#	Article	IF	CITATIONS
690	Interhemispheric connectivity and hemispheric specialization in schizophrenia patients and their unaffected siblings. NeuroImage: Clinical, 2019, 21, 101656.	1.4	15
691	On the use of random graphs as null model of large connected networks. Chaos, Solitons and Fractals, 2019, 119, 318-325.	2.5	12
692	The structural brain correlates of callous-unemotional traits in incarcerated male adolescents. NeuroImage: Clinical, 2019, 22, 101703.	1.4	14
693	Network building and analysis in connectomics studies: a review of algorithms, databases and technologies. Network Modeling Analysis in Health Informatics and Bioinformatics, 2019, 8, 1.	1.2	9
694	The effects of lesion and treatment-related recovery on functional network modularity in post-stroke dysgraphia. NeuroImage: Clinical, 2019, 23, 101865.	1.4	22
695	Edge and Properties in Multiple. Mathematics and Visualization, 2019, , 281-291.	0.4	0
696	Longitudinal Changes in the Cerebral Cortex Functional Organization of Healthy Elderly. Journal of Neuroscience, 2019, 39, 5534-5550.	1.7	70
697	Structural Covariance Reveals Alterations in Control and Salience Network Integrity in Chronic Schizophrenia. Cerebral Cortex, 2019, 29, 5269-5284.	1.6	29
698	Electrophysiological Brain Connectivity: Theory and Implementation. IEEE Transactions on Biomedical Engineering, 2019, 66, 2115-2137.	2.5	163
699	Antipsychotic treatment and basal ganglia volumes: Exploring the role of receptor occupancy, dosage and remission status. Schizophrenia Research, 2019, 208, 114-123.	1.1	18
700	Computational Diffusion MRI. Mathematics and Visualization, 2019, , .	0.4	4
701	The physics of brain network structure, function and control. Nature Reviews Physics, 2019, 1, 318-332.	11.9	233
702	Abnormal Dynamic Functional Connectivity Associated With Subcortical Networks in Parkinson's Disease: A Temporal Variability Perspective. Frontiers in Neuroscience, 2019, 13, 80.	1.4	38
703	Psychological and Brain Connectivity Changes Following Trauma-Focused CBT and EMDR Treatment in Single-Episode PTSD Patients. Frontiers in Psychology, 2019, 10, 129.	1.1	24
704	Effect of second-generation antipsychotics on brain network topology in first-episode schizophrenia: A longitudinal rs-fMRI study. Schizophrenia Research, 2019, 208, 160-166.	1.1	22
705	Aberrant brain structural largeâ€scale connectome in Crohn's disease. Neurogastroenterology and Motility, 2019, 31, e13593.	1.6	17
706	Covariance statistics and network analysis of brain PET imaging studies. Scientific Reports, 2019, 9, 2496.	1.6	42
707	Structural similarity networks predict clinical outcome in early-phase psychosis. Neuropsychopharmacology, 2019, 44, 915-922.	2.8	23

		CITATION REPORT	
# 708	ARTICLE Multiple Approaches to Diffusion Magnetic Resonance Imaging in Hereditary Cerebral Amyloid	IF 1.6	CITATIONS
709	Angiopathy Mutation Carriers. Journal of the American Heart Association, 2019, 8, e011288. Altered functional network topology correlates with clinical measures in very early-stage, drug-naà ve Parkinson's disease. Parkinsonism and Related Disorders, 2019, 62, 3-9.	1.1	19
710	Exploring the limits of network topology estimation using diffusion-based tractography and tracer studies in the macaque cortex. NeuroImage, 2019, 191, 81-92.	2.1	28
711	Critical synchronization and 1/f noise in inhibitory/excitatory rich-club neural networks. Scientific Reports, 2019, 9, 1258.	1.6	9
712	Hierarchical complexity of the adult human structural connectome. NeuroImage, 2019, 191, 205-215.	2.1	16
713	Structural connectivity in schizophrenia and bipolar disorder: Effects of chronicity and antipsychotic treatment. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 369-377.	2.5	12
714	SELF-ORGANIZED CORONA GRAPHS: A DETERMINISTIC COMPLEX NETWORK MODEL WITH HIERARCHICAL STRUCTURE. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 22, 1950019.	0.9	2
715	Synaptic Plasticity Shapes Brain Connectivity: Implications for Network Topology. International Journal of Molecular Sciences, 2019, 20, 6193.	1.8	78
716	Cortical Thickness and Functional Networks Modules by Cortical Lobes. Neuroscience, 2019, 423, 172-176.	1.1	4
717	Altered Gray Matter Volume and White Matter Integrity in Sensorineural Hearing Loss Patients: A VBM and TBSS Study. Otology and Neurotology, 2019, 40, e569-e574.	0.7	9
718	A MATLAB toolbox for multivariate analysis of brain networks. Human Brain Mapping, 2019, 40, 175-186.	1.9	17
719	Models and mechanisms in network neuroscience. Philosophical Psychology, 2019, 32, 23-51.	0.5	13
720	Abnormal topological organization of structural covariance networks in amyotrophic lateral sclerosis. NeuroImage: Clinical, 2019, 21, 101619.	1.4	29
721	Making Sense of Connectivity. International Journal of Neuropsychopharmacology, 2019, 22, 194-207.	1.0	22
722	A network analysis based approach to characterizing periodic sharp wave complexes in electroencephalograms of patients with sporadic CJD. International Journal of Medical Informatics, 2019, 121, 19-29.	1.6	3
723	Cortical Thickness and Surface Area Networks in Healthy Aging, Alzheimer's Disease and Behavioral Variant Fronto-Temporal Dementia. International Journal of Neural Systems, 2019, 29, 1850055.	3.2	21
724	Connectivity and dysconnectivity: A brief history of functional connectivity research in schizophrenia and future directions. , 2019, , 123-154.		5
725	Connectomics of bipolar disorder: a critical review, and evidence for dynamic instabilities within interoceptive networks. Molecular Psychiatry, 2019, 24, 1296-1318.	4.1	91

#	Article	IF	CITATIONS
726	Multisensory cortical processing and dysfunction across the neuropsychiatric spectrum. Neuroscience and Biobehavioral Reviews, 2019, 97, 138-151.	2.9	35
727	Human Cortical Thickness Organized into Genetically-determined Communities across Spatial Resolutions. Cerebral Cortex, 2019, 29, 106-118.	1.6	18
728	Altered voxel-wise gray matter structural brain networks in schizophrenia: Association with brain genetic expression pattern. Brain Imaging and Behavior, 2019, 13, 493-502.	1.1	49
729	Effective connectivity analysis of inter- and intramodular hubs in phantom sound perception – identifying the core distress network. Brain Imaging and Behavior, 2020, 14, 289-307.	1.1	16
730	Cannabisâ€dependent adolescents show differences in global rewardâ€associated network topology: A functional connectomics approach. Addiction Biology, 2020, 25, e12752.	1.4	12
731	Irregular structural networks of gray matter in patients with type 2 diabetes mellitus. Brain Imaging and Behavior, 2020, 14, 1477-1486.	1.1	8
732	Abnormal topology of brain functional networks in unipolar depression and bipolar disorder using optimal graph thresholding. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109758.	2.5	25
733	Single-subject structural cortical networks in clinically isolated syndrome. Multiple Sclerosis Journal, 2020, 26, 1392-1401.	1.4	10
734	Implementing MR Imaging into Clinical Routine Screening in Patients with Psychosis?. Neuroimaging Clinics of North America, 2020, 30, 65-72.	0.5	4
735	Data-Driven Approaches to Neuroimaging Analysis to Enhance Psychiatric Diagnosis and Therapy. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 780-790.	1.1	17
736	Altered brain network organization in romantic love as measured with resting-state fMRI and graph theory. Brain Imaging and Behavior, 2020, 14, 2771-2784.	1.1	13
737	Neural correlates of rumination in major depressive disorder: A brain network analysis. NeuroImage: Clinical, 2020, 25, 102142.	1.4	62
738	Brain gray matter network organization in psychotic disorders. Neuropsychopharmacology, 2020, 45, 666-674.	2.8	37
739	Effects of the 5-HT2A and DRD3 genotypes on cortical morphology and functional connectivity density in drug-naÃ ⁻ ve first episode schizophrenia. Schizophrenia Research, 2020, 216, 213-221.	1.1	3
740	Pain-Evoked Reorganization in Functional Brain Networks. Cerebral Cortex, 2020, 30, 2804-2822.	1.6	37
741	Altered structural brain network topology in chronic migraine. Brain Structure and Function, 2020, 225, 161-172.	1.2	21
742	Neurological Soft Signs and Brain Network Abnormalities in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 562-571.	2.3	26
743	Network analysis of medical care services. Health Informatics Journal, 2020, 26, 1631-1658.	1.1	9

#	Article	IF	CITATIONS
744	Influence of EGR3 Transfection on Imaging and Behavior in Rats and Therapeutic Effect of Risperidone in Schizophrenia Model. Frontiers in Psychiatry, 2020, 11, 00787.	1.3	3
745	Modelling the impact of structural directionality on connectome-based models of neural activity. Journal of Complex Networks, 2020, 8, .	1.1	2
746	Automated Thresholding Method for fNIRS-Based Functional Connectivity Analysis: Validation With a Case Study on Alzheimer's Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1691-1701.	2.7	10
747	Different patterns of functional network reorganization across the variants of primary progressive aphasia: a graph-theoretic analysis. Neurobiology of Aging, 2020, 96, 184-196.	1.5	22
748	Characteristics of disrupted topological organization in white matter functional connectome in schizophrenia. Psychological Medicine, 2022, 52, 1333-1343.	2.7	27
749	Leveraging Neural Networks in Preclinical Alcohol Research. Brain Sciences, 2020, 10, 578.	1.1	7
750	Thalamus and focal to bilateral seizures. Neurology, 2020, 95, e2427-e2441.	1.5	54
751	Gender-Related and Hemispheric Effects in Cortical Thickness-Based Hemispheric Brain Morphological Network. BioMed Research International, 2020, 2020, 1-13.	0.9	4
752	Characterizing Functional Near Infrared Spectroscopy (fNIRS)-based Connectivity as Cost-effective Small World Network using Orthogonal Minimal Spanning Trees (OMSTs). , 2020, 2020, 2901-2904.		0
753	Relative rate of change in cognitive score network dynamics via Bayesian hierarchical models reveal spatial patterns of neurodegeneration. Statistics in Medicine, 2020, 39, 2695-2713.	0.8	0
754	Extraction and analysis of brain functional statuses for early mild cognitive impairment using variational auto-encoder. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 5439-5450.	3.3	15
755	Regularized-Ncut: Robust and homogeneous functional parcellation of neonate and adult brain networks. Artificial Intelligence in Medicine, 2020, 106, 101872.	3.8	6
756	Diminished self-monitoring in hallucinations – Aberrant anterior insula connectivity differentiates auditory hallucinations in schizophrenia from subjective tinnitus. Asian Journal of Psychiatry, 2020, 52, 102056.	0.9	6
757	Alterations of functional and structural connectivity in patients with brain metastases. PLoS ONE, 2020, 15, e0233833.	1.1	4
759	Trait-related changes in brain network topology in premenstrual dysphoric disorder. Hormones and Behavior, 2020, 124, 104782.	1.0	11
760	Disturbances across whole brain networks during reward anticipation in an abstinent addiction population. NeuroImage: Clinical, 2020, 27, 102297.	1.4	10
761	Behavioral psychological symptoms of dementia and functional connectivity changes: a network-based study. Neurobiology of Aging, 2020, 94, 196-206.	1.5	9
762	Brain connectome networks and analysis. , 2020, , 167-182.		0

#	Article	IF	CITATIONS
763	Altered Cortical Thickness-Based Individualized Structural Covariance Networks in Patients with Schizophrenia and Bipolar Disorder. Journal of Clinical Medicine, 2020, 9, 1846.	1.0	17
764	Brain network similarity: methods and applications. Network Neuroscience, 2020, 4, 507-527.	1.4	39
765	Examining brain maturation during adolescence using graph Laplacian learning based Fourier transform. Journal of Neuroscience Methods, 2020, 338, 108649.	1.3	5
766	Cortical 3-hinges could serve as hubs in cortico-cortical connective network. Brain Imaging and Behavior, 2020, 14, 2512-2529.	1.1	16
767	Imaging local genetic influences on cortical folding. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7430-7436.	3.3	24
768	Abnormalities of effective connectivity and white matter microstructure in the triple network in patients with schizophrenia. Psychiatry Research, 2020, 290, 113019.	1.7	5
769	<p>Topological Regularization of Networks in Adult Patients with Moderate-to-Severe Obstructive Sleep Apnea-Hypopnea Syndrome: A Structural MRI Study</p> . Nature and Science of Sleep, 2020, Volume 12, 333-345.	1.4	5
770	Functional Organization of Brain Network in Peripheral Neural Anastomosis Rats after Electroacupuncture: An ICA and Connectome Analysis. Neuroscience, 2020, 442, 216-227.	1.1	2
771	Hubs of longâ€distance coâ€alteration characterize brain pathology. Human Brain Mapping, 2020, 41, 3878-3899.	1.9	14
772	Reliability and comparability of human brain structural covariance networks. NeuroImage, 2020, 220, 117104.	2.1	37
773	Stable biomarker identification for predicting schizophrenia in the human connectome. NeuroImage: Clinical, 2020, 27, 102316.	1.4	19
774	Altered large-scale functional brain organization in posttraumatic stress disorder: A comprehensive review of univariate and network-level neurocircuitry models of PTSD. NeuroImage: Clinical, 2020, 27, 102319.	1.4	28
775	Hierarchical Organization of Functional Brain Networks Revealed by Hybrid Spatiotemporal Deep Learning. Brain Connectivity, 2020, 10, 72-82.	0.8	16
776	Morphometric network differences in ageing versus Alzheimer's disease dementia. Brain, 2020, 143, 635-649.	3.7	37
777	Metrics for graph comparison: A practitioner's guide. PLoS ONE, 2020, 15, e0228728.	1.1	80
778	Revealing Relationships Among Cognitive Functions Using Functional Connectivity and a Large-Scale Meta-Analysis Database. Frontiers in Human Neuroscience, 2019, 13, 457.	1.0	7
779	Hierarchical Selective Recruitment in Linear-Threshold Brain Networks Part II: Multilayer Dynamics and Top-Down Recruitment. IEEE Transactions on Automatic Control, 2021, 66, 965-980.	3.6	7
780	The neural basis of attentional alterations in prenatally protein malnourished rats. Cerebral Cortex, 2021, 31, 497-512.	1.6	8

#	Article	IF	Citations
781	Selective Aberrant Functional–Structural Coupling of Multiscale Brain Networks in Subcortical Vascular Mild Cognitive Impairment. Neuroscience Bulletin, 2021, 37, 287-297.	1.5	12
782	Dynamic state with covarying brain activity-connectivity: On the pathophysiology of schizophrenia. NeuroImage, 2021, 224, 117385.	2.1	52
783	Developmental pattern of the cortical topology in <scp>highâ€functioning</scp> individuals with autism spectrum disorder. Human Brain Mapping, 2021, 42, 660-675.	1.9	12
784	Graph theory analysis of the dopamine D2 receptor network in Parkinson's disease patients with cognitive decline. Journal of Neuroscience Research, 2021, 99, 947-965.	1.3	6
785	Generative network models of altered structural brain connectivity in schizophrenia. NeuroImage, 2021, 225, 117510.	2.1	24
786	Neural Mechanisms. Studies in Brain and Mind, 2021, , .	0.5	35
787	Functional and network analyses of human exposure to long-term evolution signal. Environmental Science and Pollution Research, 2021, 28, 5755-5773.	2.7	13
788	EEG-Based Multiclass Workload Identification Using Feature Fusion and Selection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	2.4	27
789	Brain Morphological and Functional Networks: Implications for Neurodegeneration. Understanding Complex Systems, 2021, , 329-342.	0.3	2
790	Understanding Typical and Atypical Neurodevelopment in Children and Adults. , 2021, , 71-106.		1
791	Review of Resting-State Functional Connectivity Methods and Application in Clinical Populations. , 2021, , 45-74.		0
793	Investigating the network consequences of focal brain lesions through comparisons of real and simulated lesions. Scientific Reports, 2021, 11, 2213.	1.6	6
794	Shaping Relationships. , 2021, , 1-20.		0
795	Brain Network Dysconnection in Neuropsychiatric Disorders: The Practice of "Normal Scienceâ€, , 2021, , 1-15.		4
797	Directed Network Defects in Alzheimer's Disease Using Granger Causality and Graph Theory. Current Alzheimer Research, 2021, 17, 939-947.	0.7	5
798	Age differences in functional network reconfiguration with working memory training. Human Brain Mapping, 2021, 42, 1888-1909.	1.9	6
799	Gray matter reorganization underpinnings of antidepressant treatment of persistent depressive disorder. European Neuropsychopharmacology, 2021, 43, 129-138.	0.3	6
800	An Early Stage Researcher's Primer on Systems Medicine Terminology. Network and Systems Medicine, 2021, 4, 2-50.	2.7	9

#	Article	IF	Citations
801	Alteration of spatial patterns at the network-level in facial synkinesis: an independent component and connectome analysis. Annals of Translational Medicine, 2021, 9, 240-240.	0.7	7
802	Reorganization of brain structural networks in aging: A longitudinal study. Journal of Neuroscience Research, 2021, 99, 1354-1376.	1.3	18
804	Pairwise maximum entropy model explains the role of white matter structure in shaping emergent co-activation states. Communications Biology, 2021, 4, 210.	2.0	10
805	Editorial for "Alteration of singleâ€subject gray matter networks in major depressed patients with suicidalityâ€s Journal of Magnetic Resonance Imaging, 2021, 54, 225-226.	1.9	0
806	Global Network Organization of the Fetal Functional Connectome. Cerebral Cortex, 2021, 31, 3034-3046.	1.6	17
808	The association of genetic polymorphisms with neuroconnectivity in breast cancer patients. Scientific Reports, 2021, 11, 6169.	1.6	8
809	Complexity Analysis of the Default Mode Network Using Resting-State fMRI in Down Syndrome: Relationships Highlighted by a Neuropsychological Assessment. Brain Sciences, 2021, 11, 311.	1.1	7
810	Temporal hierarchy of intrinsic neural timescales converges with spatial core-periphery organization. Communications Biology, 2021, 4, 277.	2.0	50
811	Regional brain network and behavioral alterations in EGR3 gene transfected rat model of schizophrenia. Brain Imaging and Behavior, 2021, 15, 2606-2615.	1.1	1
812	Functional network estimation using multigraph learning with application to brain maturation study. Human Brain Mapping, 2021, 42, 2880-2892.	1.9	3
813	Combined nicotine and ethanol age-dependently alter neural and behavioral responses in male rats. Behavioural Pharmacology, 2021, 32, 321-334.	0.8	8
814	Structural brain network characteristics in patients with episodic and chronic migraine. Journal of Headache and Pain, 2021, 22, 8.	2.5	7
815	Maladaptive brain organization at 1Âmonth into abstinence as an indicator for future relapse in patients with alcohol use disorder. European Journal of Neuroscience, 2021, 53, 2923-2938.	1.2	10
816	Disrupted morphological grey matter networks in early-stage Parkinson's disease. Brain Structure and Function, 2021, 226, 1389-1403.	1.2	16
817	Increased sensitivity to strong perturbations in a whole-brain model of LSD. NeuroImage, 2021, 230, 117809.	2.1	20
818	Morphological integration of the human brain across adolescence and adulthood. Proceedings of the United States of America, 2021, 118, .	3.3	23
819	Divergent Alterations of Structural–Functional Connectivity Couplings in First-episode and Chronic Schizophrenia Patients. Neuroscience, 2021, 460, 1-12.	1.1	16
822	Topological data analysis of task-based fMRI data from experiments on schizophrenia. Journal of Physics Complexity, 2021, 2, 035006.	0.9	17

#	Article	IF	CITATIONS
824	Network Path Convergence Shapes Low-Level Processing in the Visual Cortex. Frontiers in Systems Neuroscience, 2021, 15, 645709.	1.2	2
825	Individualâ€based morphological brain network organization and its association with autistic symptoms in young children with autism spectrum disorder. Human Brain Mapping, 2021, 42, 3282-3294.	1.9	15
826	Structural Brain Imaging of Intelligence. , 2021, , 210-234.		0
829	Maximum Entropy Principle Underlies Wiring Length Distribution in Brain Networks. Cerebral Cortex, 2021, 31, 4628-4641.	1.6	4
830	Resting-state brain networks in neonatal hypoxic-ischemic brain damage: a functional near-infrared spectroscopy study. Neurophotonics, 2021, 8, 025007.	1.7	9
831	Louvain clustering integration within density-based graph classification (Louvain <i>db</i> GC) in Schizophrenia. IISE Transactions on Healthcare Systems Engineering, 2022, 12, 20-35.	1.2	0
832	Structural Differences Between Healthy Subjects and Patients With Schizophrenia or Schizoaffective Disorder: A Graph and Control Theoretical Perspective. Frontiers in Psychiatry, 2021, 12, 669783.	1.3	3
833	A Preliminary Study of Abnormal Centrality of Cortical Regions and Subsystems in Whole Brain Functional Connectivity of Autism Spectrum Disorder Boys. Clinical EEG and Neuroscience, 2022, 53, 3-11.	0.9	3
834	Structural characteristics of complex supply chain networks. Journal of Business Logistics, 2021, 42, 264-290.	7.0	57
836	Disrupted resting-state functional connectivity of frontal network in opium use disorder. Applied Neuropsychology Adult, 2021, , 1-9.	0.7	0
837	Persistence of information flow: A multiscale characterization of human brain. Network Neuroscience, 2021, 5, 1-20.	1.4	9
838	Surface-based single-subject morphological brain networks: Effects of morphological index, brain parcellation and similarity measure, sample size-varying stability and test-retest reliability. NeuroImage, 2021, 235, 118018.	2.1	40
840	Structural and Functional Connectivity Substrates of Cognitive Impairment in Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 671894.	1.1	11
841	Insight does not come at random: Individual gray matter networks relate to clinical and cognitive insight in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 109, 110251.	2.5	3
842	Topologically convergent and divergent morphological gray matter networks in earlyâ€stage Parkinson's disease with and without mild cognitive impairment. Human Brain Mapping, 2021, 42, 5101-5112.	1.9	23
843	The BigBrainWarp toolbox for integration of BigBrain 3D histology with multimodal neuroimaging. ELife, 2021, 10, .	2.8	42
844	Correlates and predictors of the severity of suicidal ideation in adolescence: an examination of brain connectomics and psychosocial characteristics. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, 63, 701-714.	3.1	5
845	Disrupted Topological Organization of Functional Networks in Asymptomatic Carotid Plaque Without Significant Carotid Stenosis: A Resting-State fMRI Study. Frontiers in Human Neuroscience, 2021, 15, 685763.	1.0	5

#	Article	IF	Citations
846	Associations Between Neonatal Brain Structure, the Home Environment, and Childhood Outcomes Following Very Preterm Birth. Biological Psychiatry Global Open Science, 2021, 1, 146-155.	1.0	25
847	Quantifying the compressibility of complex networks. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	11
848	Novel Gyrification Networks Reveal Links with Psychiatric Risk Factors in Early Illness. Cerebral Cortex, 2021, , .	1.6	2
849	Hypothesis testing for populations of networks. Communications in Statistics - Theory and Methods, 2023, 52, 3661-3684.	0.6	2
850	Translating Functional Connectivity After Stroke: Functional Magnetic Resonance Imaging Detects Comparable Network Changes in Mice and Humans. Stroke, 2021, 52, 2948-2960.	1.0	18
851	Joint hub identification for brain networks by multivariate graph inference. Medical Image Analysis, 2021, 73, 102162.	7.0	4
852	Altered topographical organization of grey matter structural network in early-onset schizophrenia. Psychiatry Research - Neuroimaging, 2021, 316, 111344.	0.9	10
853	Altered gray matter structural covariance networks in postpartum depression: a graph theoretical analysis. Journal of Affective Disorders, 2021, 293, 159-167.	2.0	7
854	The diagnosis of amnestic mild cognitive impairment by combining the characteristics of brain functional network and support vector machine classifier. Journal of Neuroscience Methods, 2021, 363, 109334.	1.3	10
855	Methods Used in Brain Connectivity: Focus on Electrophysiological Measures. , 2022, , 155-162.		0
856	Distinct network topology in Alzheimer's disease and behavioral variant frontotemporal dementia. Alzheimer's Research and Therapy, 2021, 13, 13.	3.0	29
857	Multiparametric and multilevel characterization of morphological alterations in patients with transient ischemic attack. Human Brain Mapping, 2021, 42, 2045-2060.	1.9	13
859	Disturbed Brain Networks in the Psychosis High-Risk State?. , 2021, , 217-238.		1
863	A Network Model of Hallucinations. , 2012, , 33-54.		2
864	Brain Morphometry: Schizophrenia. Neuromethods, 2018, , 323-338.	0.2	1
865	A Heuristic Pathophysiological Model of Tinnitus. , 2011, , 171-197.		7
866	Identify Hierarchical Structures from Task-Based fMRI Data via Hybrid Spatiotemporal Neural Architecture Search Net. Lecture Notes in Computer Science, 2019, , 745-753.	1.0	13
867	Single-Subject Structural Networks with Closed-Form Rotation Invariant Matching Improve Power in Developmental Studies of the Cortex. Lecture Notes in Computer Science, 2014, 17, 137-144.	1.0	1

#	Article	IF	CITATIONS
868	Synergies between Network-Based Representation and Probabilistic Graphical Models for Classification, Inference and Optimization Problems in Neuroscience. Lecture Notes in Computer Science, 2010, , 149-158.	1.0	1
879	Imaging connectivity: MRI and the structural networks of the brain. Functional Neurology, 2013, 28, 197-203.	1.3	24
880	Functional magnetic resonance imaging in disorders of consciousness: preliminary results of an innovative analysis of brain connectivity. Functional Neurology, 2015, 30, 193-201.	1.3	10
881	Solitary states in adaptive nonlocal oscillator networks. European Physical Journal: Special Topics, 2020, 229, 2183-2203.	1.2	29
882	Developmental trajectory of Caenorhabditis elegans nervous system governs its structural organization. PLoS Computational Biology, 2020, 16, e1007602.	1.5	12
883	Recursive Cluster Elimination Based Support Vector Machine for Disease State Prediction Using Resting State Functional and Effective Brain Connectivity. PLoS ONE, 2010, 5, e14277.	1.1	57
884	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
885	Revealing Topological Organization of Human Brain Functional Networks with Resting-State Functional near Infrared Spectroscopy. PLoS ONE, 2012, 7, e45771.	1.1	85
886	Topological Organization of Functional Brain Networks in Healthy Children: Differences in Relation to Age, Sex, and Intelligence. PLoS ONE, 2013, 8, e55347.	1.1	142
887	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
888	Cluster-Based Statistics for Brain Connectivity in Correlation with Behavioral Measures. PLoS ONE, 2013, 8, e72332.	1.1	43
889	A Study of Brain Networks Associated with Swallowing Using Graph-Theoretical Approaches. PLoS ONE, 2013, 8, e73577.	1.1	15
890	Intra- and Inter-Brain Synchronization during Musical Improvisation on the Guitar. PLoS ONE, 2013, 8, e73852.	1.1	137
891	Changes in Topological Organization of Functional PET Brain Network with Normal Aging. PLoS ONE, 2014, 9, e88690.	1.1	37
892	Alteration of Brain Functional Networks in Early-Stage Parkinson's Disease: A Resting-State fMRI Study. PLoS ONE, 2015, 10, e0141815.	1.1	63
893	Mapping Individual Brain Networks Using Statistical Similarity in Regional Morphology from MRI. PLoS ONE, 2015, 10, e0141840.	1.1	82
894	Lateralized Resting-State Functional Brain Network Organization Changes in Heart Failure. PLoS ONE, 2016, 11, e0155894.	1.1	12
895	Graph Theoretical Analysis of Structural Neuroimaging in Temporal Lobe Epilepsy with and without Psychosis. PLoS ONE, 2016, 11, e0158728.	1.1	32

#	Article	IF	CITATIONS
896	Topological Organization of Metabolic Brain Networks in Pre-Chemotherapy Cancer with Depression: A Resting-State PET Study. PLoS ONE, 2016, 11, e0166049.	1.1	16
897	Hetereogeneity in Neuronal Intrinsic Properties: A Possible Mechanism for Hub-Like Properties of the Rat Anterior Cingulate Cortex during Network Activity. ENeuro, 2017, 4, ENEURO.0313-16.2017.	0.9	17
898	Habitual tea drinking modulates brain efficiency: evidence from brain connectivity evaluation. Aging, 2019, 11, 3876-3890.	1.4	10
899	Analysis of Resting-State fMRI Topological Graph Theory Properties in Methamphetamine Drug Users Applying Box-Counting Fractal Dimension. Basic and Clinical Neuroscience, 2017, 8, 371-386.	0.3	14
900	Schizophrenia and abnormal brain network hubs. Dialogues in Clinical Neuroscience, 2013, 15, 339-349.	1.8	173
901	Functional neuroimaging and schizophrenia: a view towards effective connectivity modeling and polygenic risk. Dialogues in Clinical Neuroscience, 2013, 15, 279-289.	1.8	35
902	EEG-based functional brain networks: Hemispheric differences in males and females. Networks and Heterogeneous Media, 2015, 10, 223-232.	0.5	5
903	Brainnetome of schizophrenia: focus on impaired cognitive function. Shanghai Archives of Psychiatry, 2012, 24, 3-10.	0.7	4
904	Small-world brain networks in schizophrenia. Shanghai Archives of Psychiatry, 2012, 24, 322-7.	0.7	6
905	Relating Connectivity and Graph Analysis to Cognitive Function in Alzheimer's Disease. Michigan Journal of Medicine, 2016, 1, .	0.0	12
906	Resting-state functional connectivity abnormalities in first-onset unmedicated depression. Neural Regeneration Research, 2014, 9, 153.	1.6	57
908	Schneiderian First Rank Symptoms and Gamma Oscillatory Activity in Neuroleptic NaÃ ⁻ ve First Episode Schizophrenia: A 192 Channel EEG Study. Psychiatry Investigation, 2014, 11, 467.	0.7	21
909	Neurophysiology of Social Conduct and Impact of Adverse Exposures. Avicenna Journal of Neuro Psycho Physiology, 2016, In Press, .	0.1	2
910	Distinct hierarchical alterations of intrinsic neural timescales account for different manifestations of psychosis. ELife, 2020, 9, .	2.8	44
911	The brain-derived neurotrophic factor Val66Met polymorphism increases segregation of structural correlation networks in healthy adult brains. PeerJ, 2020, 8, e9632.	0.9	5
913	Divergent connectomic organization delineates genetic evolutionary traits in the human brain. Scientific Reports, 2021, 11, 19692.	1.6	4
915	Functional Magnetic Resonance Imaging in Drug Development. , 2010, , 67-89.		0
916	Modelos e análises computacionais em neurociências: revisão sistemática. Estudos E Pesquisas Em Psicologia, 2010, 10, .	0.0	0

#	Article	IF	CITATIONS
918	EEG Based Biomarker Identification Using Graph-Theoretic Concepts: Case Study in Alcoholism. Fields Institute Communications, 2013, , 171-189.	0.6	0
919	Thickness NETwork (ThickNet) Features for the Detection of Prodromal AD. Lecture Notes in Computer Science, 2013, , 114-122.	1.0	Ο
920	Rethinking the Contribution of Neuroimaging to Translation in Schizophrenia. , 2013, , 175-194.		1
921	Complex Mouse Brain Anatomical Network Attributes Estimated via Diffusion- MRI Data and Graph Theory. IFMBE Proceedings, 2013, , 65-68.	0.2	Ο
922	Neuro analysis: a neuro scientific psychiatry. Why? how? and when?. OA Medical Hypothesis, 2013, 1, .	0.2	0
924	Studying chemical and electrical neuronal dynamics as a platform for understanding schizophrenia. Journal of Coupled Systems and Multiscale Dynamics, 2013, 1, 405-427.	0.2	Ο
925	Neuropathologies and Networks. , 2014, , 1-6.		0
926	Age-Related Glucose Metabolism Changes in Brain. Lecture Notes in Computational Vision and Biomechanics, 2015, , 157-196.	0.5	Ο
927	Analysis of Biological Networks. Computational Biology, 2015, , 213-240.	0.1	0
928	Network Theory in Neuroscience. , 2015, , 1852-1868.		Ο
928 929	Network Theory in Neuroscience. , 2015, , 1852-1868. Neuropathologies and Networks. , 2015, , 2068-2072.		0
		0.4	
929	Neuropathologies and Networks. , 2015, , 2068-2072. Spatial Topography of Alzheimerrs Degeneration Reflects the Cholinergic Projection System. SSRN	0.4	0
929 936	Neuropathologies and Networks. , 2015, , 2068-2072. Spatial Topography of Alzheimerrs Degeneration Reflects the Cholinergic Projection System. SSRN Electronic Journal, O, , . The Changes of Brain Networks Topology in Graph Theory of rt-fMRI Emotion Self-regulation Training.		0
929 936 942	Neuropathologies and Networks. , 2015, , 2068-2072. Spatial Topography of Alzheimerrs Degeneration Reflects the Cholinergic Projection System. SSRN Electronic Journal, O, , . The Changes of Brain Networks Topology in Graph Theory of rt-fMRI Emotion Self-regulation Training. Lecture Notes in Computer Science, 2019, , 126-135. Graph Theory on Brain Cortical Sources in Parkinson's Disease: The Analysis of â€`Small World'	1.0	0 0 0
929 936 942 949	Neuropathologies and Networks., 2015, , 2068-2072. Spatial Topography of Alzheimerrs Degeneration Reflects the Cholinergic Projection System. SSRN Electronic Journal, 0, , . The Changes of Brain Networks Topology in Graph Theory of rt-fMRI Emotion Self-regulation Training. Lecture Notes in Computer Science, 2019, , 126-135. Graph Theory on Brain Cortical Sources in Parkinson's Disease: The Analysis of †Small World' Organization from EEC. Sensors, 2021, 21, 7266. Using deep learning to classify pediatric posttraumatic stress disorder at the individual level. BMC	1.0 2.1	0 0 0 13
929 936 942 949 950	Neuropathologies and Networks., 2015, , 2068-2072. Spatial Topography of Alzheimerrs Degeneration Reflects the Cholinergic Projection System. SSRN Electronic Journal, 0, , . The Changes of Brain Networks Topology in Graph Theory of rt-fMRI Emotion Self-regulation Training. Lecture Notes in Computer Science, 2019, , 126-135. Graph Theory on Brain Cortical Sources in Parkinson's Disease: The Analysis of †Small World' Organization from EEG. Sensors, 2021, 21, 7266. Using deep learning to classify pediatric posttraumatic stress disorder at the individual level. BMC Psychiatry, 2021, 21, 535. Common and Distinct Disruptions of Cortical Surface Morphology Between Autism Spectrum	1.0 2.1 1.1	0 0 0 13 9

#	Article	IF	CITATIONS
955	Multiplex connectome changes across the alzheimer's disease spectrum using gray matter and amyloid data. Cerebral Cortex, 2022, 32, 3501-3515.	1.6	10
956	A Bayesian Hierarchical Approach to Jointly Model Cortical Thickness and Covariance Networks. Lecture Notes in Mathematics, 2020, , 155-213.	0.1	0
957	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
959	Reorganization of Brain Networks in Aging and Age-related Diseases. , 2012, 3, 181-93.		33
962	Developmental Coupling of Cerebral Blood Flow and fMRI Fluctuations in Youth. SSRN Electronic Journal, 0, , .	0.4	0
963	Functional connectivity differences between two culturally distinct prairie vole populations: insights into the prosocial network. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, , .	1.1	2
964	The Deficits of Individual Morphological Covariance Network Architecture in Schizophrenia Patients With and Without Violence. Frontiers in Psychiatry, 2021, 12, 777447.	1.3	3
965	A Comprehensive Analysis of Cerebellar Volumes in the 22q11.2 Deletion Syndrome. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 79-90.	1.1	5
966	A preliminary study of the effects of mindfulnessâ€based cognitive therapy on structural brain networks in moodâ€dysregulated youth with a familial risk for bipolar disorder. Microbial Biotechnology, 2022, 16, 1011-1019.	0.9	4
967	Potential structural trait markers of depression in the form of alterations in the structures of subcortical nuclei and structural covariance network properties. NeuroImage: Clinical, 2021, 32, 102871.	1.4	10
968	Developmental abnormalities of structural covariance networks of cortical thickness and surface area in autistic infants within the first 2Âyears. Cerebral Cortex, 2022, 32, 3786-3798.	1.6	3
969	Structural covariance networks in schizophrenia: A systematic review Part II. Schizophrenia Research, 2022, 239, 176-191.	1.1	11
970	Inflammatory Subtypes in Antipsychotic-NaÃ⁻ve First-Episode Schizophrenia are Associated with Altered Brain Morphology and Topological Organization. Brain, Behavior, and Immunity, 2022, 100, 297-308.	2.0	28
971	Discriminative Analysis of Schizophrenia Patients Using Topological Properties of Structural and Functional Brain Networks: A Multimodal Magnetic Resonance Imaging Study. Frontiers in Neuroscience, 2021, 15, 785595.	1.4	4
972	Topological Abnormalities of Pallido-Thalamo-Cortical Circuit in Functional Brain Network of Patients With Nonchemotherapy With Non-small Cell Lung Cancer. Frontiers in Neurology, 2022, 13, 821470.	1.1	3
973	Spatial Stability of Functional Networks: A Measure to Assess the Robustness of Graph-Theoretical Metrics to Spatial Errors Related to Brain Parcellation. Frontiers in Neuroscience, 2021, 15, 736524.	1.4	7
974	Brain signatures based on structural <scp>MRI</scp> : Classification for <scp>MCI</scp> , <scp>PMCI</scp> , and <scp>AD</scp> . Human Brain Mapping, 2022, 43, 2845-2860.	1.9	7
975	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. Cell Reports, 2022, 38, 110576.	2.9	23

#	Article	IF	CITATIONS
976	Functional Integration and Segregation in a Multilayer Network Model of Patients with Schizophrenia. Brain Sciences, 2022, 12, 368.	1.1	8
977	Graph analysis of nonlinear fMRI connectivity dynamics reveals distinct brain network configurations for integrative and segregated information processing. Nonlinear Dynamics, 2022, 108, 4287-4299.	2.7	3
978	Evidence of discontinuity between psychosis-risk and non-clinical samples in the neuroanatomical correlates of social function. Schizophrenia Research: Cognition, 2022, 29, 100252.	0.7	0
979	Extremal linkage networks. Extremes, 2022, 25, 229-255.	0.5	1
1022	Morphometric features of drug-resistant essential tremor and recovery after stereotactic radiosurgical thalamotomy. Network Neuroscience, 2022, 6, 850-869.	1.4	2
1023	The Task-Dependent Modular Covariance Networks Unveiled by Multiple-Way Fusion-Based Analysis. International Journal of Neural Systems, 2022, 32, .	3.2	5
1024	Alterations in white matter network dynamics in patients with schizophrenia and bipolar disorder. Human Brain Mapping, 2022, 43, 3909-3922.	1.9	3
1025	Inâ€scanner head motion and structural covariance networks. Human Brain Mapping, 2022, 43, 4335-4346.	1.9	5
1026	Altered hippocampus and amygdala subregion connectome hierarchy in major depressive disorder. Translational Psychiatry, 2022, 12, 209.	2.4	12
1027	Graph Theoretical Analysis of Structural Covariance Reveals the Relevance of Visuospatial and Attentional Areas in Essential Tremor Recovery After Stereotactic Radiosurgical Thalamotomy. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	7
1028	Aberrant Functional Network of Small-World in Sudden Sensorineural Hearing Loss With Tinnitus. Frontiers in Neuroscience, 2022, 16, .	1.4	4
1030	The expanding horizons of network neuroscience: From description to prediction and control. NeuroImage, 2022, 258, 119250.	2.1	11
1032	Brain morphometric similarity and flexibility. Cerebral Cortex Communications, 2022, 3, .	0.7	2
1033	Brain Mapping of Behavioral Domains Using Multi-Scale Networks and Canonical Correlation Analysis. Frontiers in Neuroscience, 0, 16, .	1.4	4
1034	Structural connectivity and intelligence in brain-injured children. Neuropsychologia, 2022, 173, 108285.	0.7	1
1035	Network Theory in Neuroscience. , 2022, , 2190-2206.		0
1036	Neuropathologies and Networks. , 2022, , 2441-2445.		0
1037	An insula hierarchical network architecture for active interoceptive inference. Royal Society Open Science, 2022, 9, .	1.1	21

#	Article	IF	CITATIONS
1040	Gumbel-Softmax based Neural Architecture Search for Hierarchical Brain Networks Decomposition. Medical Image Analysis, 2022, 82, 102570.	7.0	3
1041	An exploratory study on functional connectivity after mild traumatic brain injury: Preserved global but altered local organization. Brain and Behavior, 2022, 12, .	1.0	7
1043	Diffusion magnetic resonance imaging connectome features are predictive of functional lateralization of semantic processing in the anterior temporal lobes. Human Brain Mapping, 0, , .	1.9	3
1044	Subgrouping and structural brain connectivity of Parkinson's disease – past studies and future directions. Neuroscience Informatics, 2022, 2, 100100.	2.8	4
1045	Graph Neural Networks in Network Neuroscience. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 5833-5848.	9.7	63
1046	Divergences Between Resting State Networks and Meta-Analytic Maps Of Task-Evoked Brain Activity. Open Neuroimaging Journal, 2022, 15, .	0.2	0
1048	Atypical brain network development of infants at elevated likelihood for autism spectrum disorder during the first year of life. Autism Research, 2022, 15, 2223-2237.	2.1	4
1049	Structural alterations of the insula in depression patients – A 7-Tesla-MRI study. NeuroImage: Clinical, 2022, 36, 103249.	1.4	4
1052	Altered controllability of white matter networks and related brain function changes in first-episode drug-naive schizophrenia. Cerebral Cortex, 2023, 33, 1527-1535.	1.6	1
1053	Altered brain connectivity during visual stimulation in schizophrenia. Experimental Brain Research, 0,	0.7	2
1054	Functional connectivity strength and topology differences in social phobia adolescents with and without ADHD comorbidity. Neuropsychologia, 2023, 178, 108418.	0.7	1
1056	Advancing brain network models to reconcile functional neuroimaging and clinical research. NeuroImage: Clinical, 2022, 36, 103262.	1.4	2
1057	EEGraph: An open-source Python library for modeling electroencephalograms using graphs. Neurocomputing, 2023, 519, 127-134.	3.5	3
1058	Investigating cognitive flexibility deficit in schizophrenia using task-based whole-brain functional connectivity. Frontiers in Psychiatry, 0, 13, .	1.3	0
1061	Altered single-subject gray matter structural networks in social anxiety disorder. Cerebral Cortex, 2023, 33, 3311-3317.	1.6	2
1062	A cross-sectional and longitudinal study of human brain development: The integration of cortical thickness, surface area, gyrification index, and cortical curvature into a unified analytical framework. NeuroImage, 2023, 268, 119885.	2.1	7
1063	Neurological soft signs and structural network changes: a longitudinal analysis in first-episode schizophrenia. BMC Psychiatry, 2023, 23, .	1.1	1
1064	Scaleâ€free dynamics of coreâ€periphery topography. Human Brain Mapping, 2023, 44, 1997-2017.	1.9	7

#	Article	IF	CITATIONS
1065	Dysconnection and cognition in schizophrenia: A spectral dynamic causal modeling study. Human Brain Mapping, 2023, 44, 2873-2896.	1.9	4
1066	Resolving inter-regional communication capacity in the human connectome. Network Neuroscience, 0, , 1-47.	1.4	0
1067	Rich-club connectivity and structural connectome organization in youth at clinical high-risk for psychosis and individuals with early illness schizophrenia. Schizophrenia Research, 2023, 255, 110-121.	1.1	2
1068	Using in silico perturbational approach to identify critical areas in schizophrenia. Cerebral Cortex, 2023, 33, 7642-7658.	1.6	3
1069	The whole-brain connectome landscape in patients with schizophrenia: A systematic review and meta-analysis of graph theoretical characteristics. Neuroscience and Biobehavioral Reviews, 2023, 148, 105144.	2.9	6
1070	The Effect of Multiple Factors on Working Memory Capacities: Aging, Task Difficulty, and Training. IEEE Transactions on Biomedical Engineering, 2023, 70, 1967-1978.	2.5	1
1071	Altered white matter functional network in nicotine addiction. Psychiatry Research, 2023, 321, 115073.	1.7	2
1072	Reorganization of brain networks in patients with temporal lobe epilepsy and comorbid headache. Epilepsy and Behavior, 2023, 140, 109101.	0.9	1
1073	Upper limb intelligent feedback robot training significantly activates the cerebral cortex and promotes the functional connectivity of the cerebral cortex in patients with stroke: A functional near-infrared spectroscopy study. Frontiers in Neurology, 0, 14, .	1.1	3
1074	Abnormal brain network community structure related to psychological stress in schizophrenia. Schizophrenia Research, 2023, 254, 42-53.	1.1	2
1076	Age and Sex-Related Effects on Single-Subject Gray Matter Networks in Healthy Participants. Journal of Personalized Medicine, 2023, 13, 419.	1.1	6
1077	Biotypes of major depressive disorder identified by a multiview clustering framework. Journal of Affective Disorders, 2023, 329, 257-272.	2.0	2
1078	Integration–segregation dynamics in functional networks of individuals diagnosed with schizophrenia. European Journal of Neuroscience, 2023, 57, 1748-1762.	1.2	3
1079	Increased cortical structural covariance correlates with anhedonia in schizophrenia. , 2023, 9, .		3
1080	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
1081	Topological reorganization of functional hubs in patients with Parkinson's disease with freezing of gait. Journal of Neuroimaging, 2023, 33, 547-557.	1.0	0
1096	Connectome analysis and psychiatric disorders. , 2023, , 423-432.		0
1097	Network nodes in the brain. , 2023, , 71-105.		0

#	Article	IF	CITATIONS
1098	Brain Network Organization and Aging. Advances in Experimental Medicine and Biology, 2023, , 99-108.	0.8	0