

GRETNA: a graph theoretical network analysis toolbox

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. <i>Scientific Data</i> , 2015, 2, 150056.	2.4	51
2	Aberrant Brain Network Efficiency in Parkinson's Disease Patients with Tremor: A Multi-Modality Study. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 169.	1.7	32
3	Resting-state functional connectivity density mapping of etiology confirmed unilateral pulsatile tinnitus patients: Altered functional hubs in the early stage of disease. <i>Neuroscience</i> , 2015, 310, 27-37.	1.1	16
4	Alterations of Functional and Structural Networks in Schizophrenia Patients with Auditory Verbal Hallucinations. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 114.	1.0	25
5	Connectomic Insights into Topologically Centralized Network Edges and Relevant Motifs in the Human Brain. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 158.	1.0	6
6	Prediction of Biological Motion Perception Performance from Intrinsic Brain Network Regional Efficiency. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 552.	1.0	5
7	Positron Emission Tomography Reveals Abnormal Topological Organization in Functional Brain Network in Diabetic Patients. <i>Frontiers in Neuroscience</i> , 2016, 10, 235.	1.4	13
8	A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2016, 10, 515.	1.4	159
9	Spatial Disassociation of Disrupted Functional Connectivity for the Default Mode Network in Patients with End-Stage Renal Disease. <i>PLoS ONE</i> , 2016, 11, e0161392.	1.1	13
10	Discriminating the Difference between Remote and Close Association with Relation to White-Matter Structural Connectivity. <i>PLoS ONE</i> , 2016, 11, e0165053.	1.1	27
11	Representing object categories by connections: Evidence from a multivariate connectivity pattern classification approach. <i>Human Brain Mapping</i> , 2016, 37, 3685-3697.	1.9	25
12	Modular reconfiguration of metabolic brain networks in health and cancer: A resting-state PET study. , 2016, , .		2
13	Disrupted functional brain connectome in unilateral sudden sensorineural hearing loss. <i>Hearing Research</i> , 2016, 335, 138-148.	0.9	42
14	Developmental Changes in Topological Asymmetry Between Hemispheric Brain White Matter Networks from Adolescence to Young Adulthood. <i>Cerebral Cortex</i> , 2017, 27, bhw109.	1.6	41
15	Single-subject morphological brain networks: connectivity mapping, topological characterization and test-retest reliability. <i>Brain and Behavior</i> , 2016, 6, e00448.	1.0	119
16	Network science and the human brain: Using graph theory to understand the brain and one of its hubs, the amygdala, in health and disease. <i>Journal of Neuroscience Research</i> , 2016, 94, 590-605.	1.3	106
17	Disrupted topological organization in the whole-brain functional network of trauma-exposed firefighters: A preliminary study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 250, 15-23.	0.9	21
18	Intrinsic functional network architecture of human semantic processing: Modules and hubs. <i>NeuroImage</i> , 2016, 132, 542-555.	2.1	110

#	ARTICLE	IF	CITATIONS
19	Human navigation network: the intrinsic functional organization and behavioral relevance. <i>Brain Structure and Function</i> , 2017, 222, 749-764.	1.2	19
20	Alterations of white matter structural networks in patients with non-neuropsychiatric systemic lupus erythematosus identified by probabilistic tractography and connectivity-based analyses. <i>NeuroImage: Clinical</i> , 2017, 13, 349-360.	1.4	14
21	Test-retest reliability of functional connectivity networks during naturalistic fMRI paradigms. <i>Human Brain Mapping</i> , 2017, 38, 2226-2241.	1.9	113
22	Individual differences and time-varying features of modular brain architecture. <i>NeuroImage</i> , 2017, 152, 94-107.	2.1	87
23	Functional connectomics from a big data perspective. <i>NeuroImage</i> , 2017, 160, 152-167.	2.1	77
24	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnesic Mild Cognitive Impairment. <i>Scientific Reports</i> , 2017, 7, 397.	1.6	23
25	Abnormal resting-state functional connectivity in the orbitofrontal cortex of heroin users and its relationship with anxiety: a pilot fNIRS study. <i>Scientific Reports</i> , 2017, 7, 46522.	1.6	26
26	A longitudinal study of the effect of short-term meditation training on functional network organization of the aging brain. <i>Scientific Reports</i> , 2017, 7, 598.	1.6	31
27	Altered Topological Properties of Brain Networks in Social Anxiety Disorder: A Resting-state Functional MRI Study. <i>Scientific Reports</i> , 2017, 7, 43089.	1.6	39
28	Abnormal structural connectivity between the basal ganglia, thalamus, and frontal cortex in patients with disorders of consciousness. <i>Cortex</i> , 2017, 90, 71-87.	1.1	56
29	Left Anterior Temporal Lobe and Bilateral Anterior Cingulate Cortex Are Semantic Hub Regions: Evidence from Behavior-Nodal Degree Mapping in Brain-Damaged Patients. <i>Journal of Neuroscience</i> , 2017, 37, 141-151.	1.7	0
30	Altered brain networks in psychogenic erectile dysfunction: a resting-state fMRI study. <i>Andrology</i> , 2017, 5, 1073-1081.	1.9	23
31	Dissociable intrinsic functional networks support noun-object and verb-action processing. <i>Brain and Language</i> , 2017, 175, 29-41.	0.8	22
32	Age-related differences in the topological efficiency of the brain structural connectome in amnesic mild cognitive impairment. <i>Neurobiology of Aging</i> , 2017, 59, 144-155.	1.5	26
33	Convergence and Divergence of Brain Network Dysfunction in Deficit and Non-deficit Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, 1315-1328.	2.3	36
34	The Posterior Insula Shows Disrupted Brain Functional Connectivity in Female Migraineurs Without Aura Based on Brainnetome Atlas. <i>Scientific Reports</i> , 2017, 7, 16868.	1.6	30
35	Abnormal Rich-Club Organization Associated with Compromised Cognitive Function in Patients with Schizophrenia and Their Unaffected Parents. <i>Neuroscience Bulletin</i> , 2017, 33, 445-454.	1.5	25
36	More randomized and resilient in the topological properties of functional brain networks in patients with major depressive disorder. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 274-278.	0.8	38

#	ARTICLE	IF	CITATIONS
37	Topologically convergent and divergent functional connectivity patterns in unmedicated unipolar depression and bipolar disorder. <i>Translational Psychiatry</i> , 2017, 7, e1165-e1165.	2.4	105
38	Graph theoretical analysis of functional network for comprehension of sign language. <i>Brain Research</i> , 2017, 1671, 55-66.	1.1	10
39	Altered functional network architecture in orbitofrontoâ€”striatoâ€”thalamic circuit of unmedicated patients with obsessiveâ€”compulsive disorder. <i>Human Brain Mapping</i> , 2017, 38, 109-119.	1.9	58
40	Left Anterior Temporal Lobe and Bilateral Anterior Cingulate Cortex Are Semantic Hub Regions: Evidence from Behavior-Nodal Degree Mapping in Brain-Damaged Patients. <i>Journal of Neuroscience</i> , 2017, 37, 141-151.	1.7	35
41	Brain hubs in lesion models: Predicting functional network topology with lesion patterns in patients. <i>Scientific Reports</i> , 2017, 7, 17908.	1.6	19
42	A novel individual-level morphological brain networks constructing method and its evaluation in PET and MR images. <i>Heliyon</i> , 2017, 3, e00475.	1.4	26
43	Topological Alterations and Symptom-Relevant Modules in the Whole-Brain Structural Network in Semantic Dementia. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1283-1297.	1.2	3
44	Alternations of White Matter Structural Networks in First Episode Untreated Major Depressive Disorder with Short Duration. <i>Frontiers in Psychiatry</i> , 2017, 8, 205.	1.3	14
45	Disrupted Control-Related Functional Brain Networks in Drug-Naive Children with Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2017, 8, 246.	1.3	27
46	Beta-Band Functional Connectivity Influences Audiovisual Integration in Older Age: An EEG Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 239.	1.7	57
47	Enhanced Gamma Activity and Cross-Frequency Interaction of Resting-State Electroencephalographic Oscillations in Patients with Alzheimerâ€™s Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 243.	1.7	93
48	Weight Rich-Club Analysis in the White Matter Network of Late-Life Depression with Memory Deficits. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 279.	1.7	33
49	Construction of Individual Morphological Brain Networks with Multiple Morphometric Features. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 34.	0.9	62
50	Altered Distant Synchronization of Background Network in Mild Cognitive Impairment during an Executive Function Task. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 174.	1.0	4
51	Disrupted Structural and Functional Networks and Their Correlation with Alertness in Right Temporal Lobe Epilepsy: A Graph Theory Study. <i>Frontiers in Neurology</i> , 2017, 8, 179.	1.1	30
52	Is Congenital Amusia a Disconnection Syndrome? A Study Combining Tract- and Network-Based Analysis. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 473.	1.0	16
53	Altered Volume and Functional Connectivity of the Habenula in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 636.	1.0	43
54	Disrupted Topology of Frontostriatal Circuits Is Linked to the Severity of Insomnia. <i>Frontiers in Neuroscience</i> , 2017, 11, 214.	1.4	58

#	ARTICLE	IF	CITATIONS
55	Human Fetal Brain Connectome: Structural Network Development from Middle Fetal Stage to Birth. <i>Frontiers in Neuroscience</i> , 2017, 11, 561.	1.4	52
56	Characterization of the resting-state brain network topology in the 6-hydroxydopamine rat model of Parkinson's disease. <i>PLoS ONE</i> , 2017, 12, e0172394.	1.1	8
57	BRAPH: A graph theory software for the analysis of brain connectivity. <i>PLoS ONE</i> , 2017, 12, e0178798.	1.1	187
58	Subjective cognitive impairment and brain structural networks in Chinese gynaecological cancer survivors compared with age-matched controls: a cross-sectional study. <i>BMC Cancer</i> , 2017, 17, 796.	1.1	18
59	Disrupted small-world brain functional network topology in male patients with severe obstructive sleep apnea revealed by resting-state fMRI. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1471-1482.	1.0	22
60	The relationship between voxel-based metrics of resting state functional connectivity and cognitive performance in cognitively healthy elderly adults. <i>Brain Imaging and Behavior</i> , 2018, 12, 1742-1758.	1.1	4
61	An asymptotic theory for cross-correlation between auto-correlated sequences and its application on neuroimaging data. <i>Journal of Neuroscience Methods</i> , 2018, 304, 52-65.	1.3	0
62	The development of functional network organization in early childhood and early adolescence: A resting-state fNIRS study. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 223-235.	1.9	48
63	Altered resting-state voxel-level whole-brain functional connectivity in depressed Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 50, 74-80.	1.1	63
64	Spatiotemporal, metabolic, and therapeutic characterization of altered functional connectivity in major depressive disorder. <i>Human Brain Mapping</i> , 2018, 39, 1957-1971.	1.9	47
65	PAGANI Toolkit: Parallel graph-theoretical analysis package for brain network big data. <i>Human Brain Mapping</i> , 2018, 39, 1869-1885.	1.9	12
66	Resting-State Functional MRI: Everything That Nonexperts Have Always Wanted to Know. <i>American Journal of Neuroradiology</i> , 2018, 39, 1390-1399.	1.2	266
67	Functional connectivity predicts gender: Evidence for gender differences in resting brain connectivity. <i>Human Brain Mapping</i> , 2018, 39, 1765-1776.	1.9	181
68	Differentially categorized structural brain hubs are involved in different microstructural, functional, and cognitive characteristics and contribute to individual identification. <i>Human Brain Mapping</i> , 2018, 39, 1647-1663.	1.9	15
69	Increased efficiency of brain connectivity networks in veterans with suicide attempts. <i>NeuroImage: Clinical</i> , 2018, 20, 318-326.	1.4	15
70	Progressive brain rich-club network disruption from clinically isolated syndrome towards multiple sclerosis. <i>NeuroImage: Clinical</i> , 2018, 19, 232-239.	1.4	33
71	Disrupted grey matter network morphology in pediatric posttraumatic stress disorder. <i>NeuroImage: Clinical</i> , 2018, 18, 943-951.	1.4	28
72	Multi-Label Nonlinear Matrix Completion With Transductive Multi-Task Feature Selection for Joint MGMT and IDH1 Status Prediction of Patient With High-Grade Gliomas. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1775-1787.	5.4	25

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73	Treatment effect of methylphenidate on intrinsic functional brain network in medication-naïve ADHD children: A multivariate analysis. <i>Brain Imaging and Behavior</i> , 2018, 12, 518-531.	1.1	34
74	Combining Disrupted and Discriminative Topological Properties of Functional Connectivity Networks as Neuroimaging Biomarkers for Accurate Diagnosis of Early Tourette Syndrome Children. <i>Molecular Neurobiology</i> , 2018, 55, 3251-3269.	1.9	41
75	Disrupted topology of hippocampal connectivity is associated with short-term antidepressant response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 539-544.	2.0	25
76	Effect of rs1344706 in the ZNF804A gene on the brain network. <i>NeuroImage: Clinical</i> , 2018, 17, 1000-1005.	1.4	15
77	Aberrant development of the asymmetry between hemispheric brain white matter networks in autism spectrum disorder. <i>European Neuropsychopharmacology</i> , 2018, 28, 48-62.	0.3	30
78	Parallel Sampling-Pipeline for Indefinite Stream of Heterogeneous Graphs using OpenCL for FPGAs. , 2018, , .		1
79	Preclinical Stages of Alzheimer's Disease Classification by a Rs-fMRI Study. , 2018, , .		1
80	Increased Functional Connectivity After Acupuncture Treatment for Patients with Post-Stroke Depression. , 2018, , .		0
81	Abnormal Topology of the Structural Connectome in the Limbic Cortico-Basal-Ganglia Circuit and Default-Mode Network Among Primary Insomnia Patients. <i>Frontiers in Neuroscience</i> , 2018, 12, 860.	1.4	24
82	Disrupted Balance of Long- and Short-Range Functional Connectivity Density in Type 2 Diabetes Mellitus: A Resting-State fMRI Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 875.	1.4	20
83	Disrupted Brain Network Efficiency and Decreased Functional Connectivity in Multi-sensory Modality Regions in Male Patients With Alcohol Use Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 513.	1.0	26
84	Apolipoprotein E ϵ 4 Specifically Modulates the Hippocampus Functional Connectivity Network in Patients With Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 289.	1.7	16
85	Increased Functional Brain Network Efficiency During Audiovisual Temporal Asynchrony Integration Task in Aging. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 316.	1.7	26
86	Callosal and subcortical white matter alterations in schizophrenia: A diffusion tensor imaging study at multiple levels. <i>NeuroImage: Clinical</i> , 2018, 20, 594-602.	1.4	12
87	Glucose Metabolic Brain Network Differences between Chinese Patients with Lewy Body Dementia and Healthy Control. <i>Behavioural Neurology</i> , 2018, 2018, 1-12.	1.1	15
88	Short- and long-range synergism disorders in lifelong premature ejaculation evaluated using the functional connectivity density and network property. <i>NeuroImage: Clinical</i> , 2018, 19, 607-615.	1.4	33
89	Automatic Lateralization of Temporal Lobe Epilepsy Based on MEG Network Features Using Support Vector Machines. <i>Complexity</i> , 2018, 2018, 1-10.	0.9	19
90	Static and dynamic connectomics differentiate between depressed patients with and without suicidal ideation. <i>Human Brain Mapping</i> , 2018, 39, 4105-4118.	1.9	107

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91	Variations of the Functional Brain Network Efficiency in a Young Clinical Sample within the Autism Spectrum: A fNIRS Investigation. <i>Frontiers in Physiology</i> , 2018, 9, 67.	1.3	15
92	Brain Structural Covariance Network Topology in Remitted Posttraumatic Stress Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 90.	1.3	11
93	Neuroticism and conscientiousness respectively positively and negatively correlated with the network characteristic path length in dorsal lateral prefrontal cortex: A resting-state fNIRS study. <i>Brain and Behavior</i> , 2018, 8, e01074.	1.0	10
94	Rich club disturbances of the human connectome from subjective cognitive decline to Alzheimer's disease. <i>Theranostics</i> , 2018, 8, 3237-3255.	4.6	152
95	Topological Reorganization of the Default Mode Network in Severe Male Obstructive Sleep Apnea. <i>Frontiers in Neurology</i> , 2018, 9, 363.	1.1	36
96	Disrupted Module Efficiency of Structural and Functional Brain Connectomes in Clinically Isolated Syndrome and Multiple Sclerosis. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 138.	1.0	22
97	Individual Morphological Brain Network Construction Based on Multivariate Euclidean Distances Between Brain Regions. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 204.	1.0	32
98	Abnormal Regional Homogeneity and Functional Connectivity of Baseline Brain Activity in Hepatitis B Virus-Related Cirrhosis With and Without Minimal Hepatic Encephalopathy. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 245.	1.0	17
99	Study of Resting-State Functional Connectivity Networks Using EEG Electrodes Position As Seed. <i>Frontiers in Neuroscience</i> , 2018, 12, 235.	1.4	73
100	Integrative Bayesian analysis of brain functional networks incorporating anatomical knowledge. <i>NeuroImage</i> , 2018, 181, 263-278.	2.1	22
101	Intrinsic overlapping modular organization of human brain functional networks revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , 2018, 181, 430-445.	2.1	16
102	Topological analyses of functional connectomics: A crucial role of global signal removal, brain parcellation, and null models. <i>Human Brain Mapping</i> , 2018, 39, 4545-4564.	1.9	35
103	Structural connectome differences in HIV infection: brain network segregation associated with nadir CD4 cell count. <i>Journal of NeuroVirology</i> , 2018, 24, 454-463.	1.0	15
104	Divergent topological networks in Alzheimer's disease: a diffusion kurtosis imaging analysis. <i>Translational Neurodegeneration</i> , 2018, 7, 10.	3.6	23
105	Reduced local segregation of single-subject gray matter networks in adult PTSD. <i>Human Brain Mapping</i> , 2018, 39, 4884-4892.	1.9	24
106	Structural Brain Network Alteration and its Correlation With Structural Impairments in Patients With Depression in de novo and Drug-Naïve Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 608.	1.1	29
107	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 52.	1.3	60
108	Resting-State Functional Connectivity Underlying Costly Punishment: A Machine-Learning Approach. <i>Neuroscience</i> , 2018, 385, 25-37.	1.1	20

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109	Structural network maturation of the preterm human brain. <i>NeuroImage</i> , 2019, 185, 699-710.	2.1	44
110	Aberrant topological organization of the functional brain network associated with prior overt hepatic encephalopathy in cirrhotic patients. <i>Brain Imaging and Behavior</i> , 2019, 13, 771-780.	1.1	6
111	Development of brain functional connectivity and its relation to infant sustained attention in the first year of life. <i>Developmental Science</i> , 2019, 22, e12703.	1.3	31
112	Construction of brain structural connectivity network using a novel integrated algorithm based on ensemble average propagator. <i>Computers in Biology and Medicine</i> , 2019, 112, 103384.	3.9	3
113	Characterization of Cerebellar Atrophy and Resting State Functional Connectivity Patterns in Sporadic Adult-Onset Ataxia of Unknown Etiology (SAOA). <i>Cerebellum</i> , 2019, 18, 873-881.	1.4	7
114	Understanding white matter structural connectivity differences between cognitively impaired and nonimpaired active professional fighters. <i>Human Brain Mapping</i> , 2019, 40, 5108-5122.	1.9	13
115	Attenuated long-range temporal correlations of electrocortical oscillations in patients with autism spectrum disorder. <i>Developmental Cognitive Neuroscience</i> , 2019, 39, 100687.	1.9	10
116	Abnormal intra-network architecture in extra-striate cortices in amblyopia: a resting state fMRI study. <i>Eye and Vision (London, England)</i> , 2019, 6, 20.	1.4	7
117	Functional brain network topology in parents who lost their only child in China: Post-traumatic stress disorder and sex effects. <i>Journal of Affective Disorders</i> , 2019, 257, 632-639.	2.0	10
118	Alterations of white matter network in patients with left and right non-lesional temporal lobe epilepsy. <i>European Radiology</i> , 2019, 29, 6750-6761.	2.3	20
119	Baseline Functional Connectivity Features of Neural Network Nodes Can Predict Improvement After Sound Therapy Through Adjusted Narrow Band Noise in Tinnitus Patients. <i>Frontiers in Neuroscience</i> , 2019, 13, 614.	1.4	30
120	A difference degree test for comparing brain networks. <i>Human Brain Mapping</i> , 2019, 40, 4518-4536.	1.9	16
121	Large-scale white matter network reorganization in posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2019, 40, 4801-4812.	1.9	17
122	Aberrant topological organization of the default mode network in temporal lobe epilepsy revealed by graph-theoretical analysis. <i>Neuroscience Letters</i> , 2019, 708, 134351.	1.0	20
123	Predicting the Post-therapy Severity Level (UPDRS-III) of Patients With Parkinson's Disease After Drug Therapy by Using the Dynamic Connectivity Efficiency of fMRI. <i>Frontiers in Neurology</i> , 2019, 10, 668.	1.1	9
124	<p>Disrupted topological organization of human brain connectome in diabetic retinopathy patients</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2487-2502.	1.0	15
125	Altered Functional Connectivity and Brain Network Property in Pregnant Women With Cleft Fetuses. <i>Frontiers in Psychology</i> , 2019, 10, 2235.	1.1	4
126	Enhancement of indirect functional connections with shortest path length in the adult autistic brain. <i>Human Brain Mapping</i> , 2019, 40, 5354-5369.	1.9	13

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127	Disrupted functional network in patients with temporal lobe epilepsy with impaired alertness. <i>Epilepsy and Behavior</i> , 2019, 101, 106573.	0.9	8
128	Abnormal Alpha Rhythm During Self-Referential Processing in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2019, 10, 691.	1.3	11
129	Structured Sparse Representation in Resting-State fMRI Image Processing for Mild Traumatic Brain Injury Analysis. , 2019, , .		0
130	Alterations in the functional brain network in a rat model of epileptogenesis: A longitudinal resting state fMRI study. <i>NeuroImage</i> , 2019, 202, 116144.	2.1	22
131	Effects of Acupuncture Therapy on MCI Patients Using Functional Near-Infrared Spectroscopy. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 237.	1.7	75
132	Integration of Neural Reward Processing and Appetite-Related Signaling in Obese Females: Evidence From Resting-State fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 541-551.	1.9	15
133	Prediction of Conversion From Amnesic Mild Cognitive Impairment to Alzheimer's Disease Based on the Brain Structural Connectome. <i>Frontiers in Neurology</i> , 2018, 9, 1178.	1.1	29
134	Maternal Adiposity Influences Neonatal Brain Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 514.	1.0	22
135	Disrupted Resting Frontal-Parietal Attention Network Topology Is Associated With a Clinical Measure in Children With Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 300.	1.3	12
136	Network building and analysis in connectomics studies: a review of algorithms, databases and technologies. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2019, 8, 1.	1.2	9
137	Functional brain networks in never-treated and treated long-term ill schizophrenia patients. <i>Neuropsychopharmacology</i> , 2019, 44, 1940-1947.	2.8	13
138	Connectome-Based Biomarkers Predict Subclinical Depression and Identify Abnormal Brain Connections With the Lateral Habenula and Thalamus. <i>Frontiers in Psychiatry</i> , 2019, 10, 371.	1.3	43
139	Relationship between topological efficiency in white matter structural networks with cerebral oxygen metabolism in young adults. <i>NeuroImage</i> , 2019, 199, 336-341.	2.1	1
140	Effects of Brain Parcellation on the Characterization of Topological Deterioration in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 113.	1.7	33
141	Abnormal thalamocortical network dynamics in migraine. <i>Neurology</i> , 2019, 92, e2706-e2716.	1.5	118
142	Effects of sound therapy on resting-state functional brain networks in patients with tinnitus: A graph-theoretical-based study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1731-1741.	1.9	21
143	Toward neuroimaging-based network biomarkers for transient ischemic attack. <i>Human Brain Mapping</i> , 2019, 40, 3347-3361.	1.9	9
144	Brain Network and Abnormal Hemispheric Asymmetry Analyses to Explore the Marginal Differences in Glucose Metabolic Distributions Among Alzheimer's Disease, Parkinson's Disease Dementia, and Lewy Body Dementia. <i>Frontiers in Neurology</i> , 2019, 10, 369.	1.1	16

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145	Changes in functional brain networks and neurocognitive function in Chinese gynecological cancer patients after chemotherapy: a prospective longitudinal study. <i>BMC Cancer</i> , 2019, 19, 386.	1.1	12
146	Neurogenetic Mechanisms of Self-Compassionate Mindfulness: the Role of Oxytocin-Receptor Genes. <i>Mindfulness</i> , 2019, 10, 1792-1802.	1.6	15
147	Effect of second-generation antipsychotics on brain network topology in first-episode schizophrenia: A longitudinal rs-fMRI study. <i>Schizophrenia Research</i> , 2019, 208, 160-166.	1.1	22
148	Early-Stage Identification and Pathological Development of Alzheimer's Disease Using Multimodal MRI. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1013-1027.	1.2	41
149	Connectome analysis of functional and structural hemispheric brain networks in major depressive disorder. <i>Translational Psychiatry</i> , 2019, 9, 136.	2.4	58
150	Deteriorated functional and structural brain networks and normally appearing functional-structural coupling in diabetic kidney disease: a graph theory-based magnetic resonance imaging study. <i>European Radiology</i> , 2019, 29, 5577-5589.	2.3	20
151	Support Vector Machine for Analyzing Contributions of Brain Regions During Task-State fMRI. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 10.	1.3	25
152	Neural Mechanisms of Mental Fatigue Revisited: New Insights from the Brain Connectome. <i>Engineering</i> , 2019, 5, 276-286.	3.2	65
153	Reproducibility of functional brain alterations in major depressive disorder: Evidence from a multisite resting-state functional MRI study with 1,434 individuals. <i>NeuroImage</i> , 2019, 189, 700-714.	2.1	72
154	Motor skill learning induces brain network plasticity: A diffusion-tensor imaging study. <i>PLoS ONE</i> , 2019, 14, e0210015.	1.1	39
155	Structural brain network measures are superior to vascular burden scores in predicting early cognitive impairment in post stroke patients with small vessel disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101712.	1.4	39
156	Altered functional network topology correlates with clinical measures in very early-stage, drug-naïve Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 3-9.	1.1	19
157	A resting-state study of volumetric and functional connectivity of the habenular nucleus in treatment-resistant depression patients. <i>Brain and Behavior</i> , 2019, 9, e01229.	1.0	18
158	Visual and Action-control Expressway Associated with Efficient Information Transmission in Elite Athletes. <i>Neuroscience</i> , 2019, 404, 353-370.	1.1	3
159	Sino Longitudinal Study on Cognitive Decline (SILCODE): protocol for a Chinese longitudinal observational study to develop risk prediction models of conversion to mild cognitive impairment in individuals with subjective cognitive decline. <i>BMJ Open</i> , 2019, 9, e028188.	0.8	62
160	<p>Widely Impaired White Matter Integrity and Altered Structural Brain Networks in Psychogenic Non-Epileptic Seizures</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 3549-3555.	1.0	21
161	Altered Topological Organization in the Sensorimotor Network After Application of Different Frequency rTMS. <i>Frontiers in Neuroscience</i> , 2019, 13, 1377.	1.4	4
162	Inferring Human Brain Structural Connectivity Based on Neural Networks. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
163	Oscillation-specific nodal alterations in early to middle stages Parkinson's disease. <i>Translational Neurodegeneration</i> , 2019, 8, 36.	3.6	11
164	The brain's functional connectome in young children with prenatal alcohol exposure. <i>NeuroImage: Clinical</i> , 2019, 24, 102082.	1.4	17
165	The Impact of Spatial Normalization Strategies on the Temporal Features of the Resting-State Functional MRI: Spatial Normalization Before rs-fMRI Features Calculation May Reduce the Reliability. <i>Frontiers in Neuroscience</i> , 2019, 13, 1249.	1.4	3
166	The gut microbiota-inflammation-brain axis in end-stage renal disease: perspectives from default mode network. <i>Theranostics</i> , 2019, 9, 8171-8181.	4.6	34
167	Propofol Anesthesia Alters Spatial and Topologic Organization of Rat Brain Metabolism. <i>Anesthesiology</i> , 2019, 131, 850-865.	1.3	11
168	Abnormal medial prefrontal cortex functional connectivity and its association with clinical symptoms in chronic low back pain. <i>Pain</i> , 2019, 160, 1308-1318.	2.0	81
169	The effects of repetitive transcranial magnetic stimulation on the whole-brain functional network of postherpetic neuralgia patients. <i>Medicine (United States)</i> , 2019, 98, e16105.	0.4	15
170	Overall survival time prediction for high-grade glioma patients based on large-scale brain functional networks. <i>Brain Imaging and Behavior</i> , 2019, 13, 1333-1351.	1.1	37
171	Dynamic functional abnormalities in generalized anxiety disorders and their increased network segregation of a hyperarousal brain state modulated by insomnia. <i>Journal of Affective Disorders</i> , 2019, 246, 338-345.	2.0	36
172	Iron-related nigral degeneration influences functional topology mediated by striatal dysfunction in Parkinson's disease. <i>Neurobiology of Aging</i> , 2019, 75, 83-97.	1.5	35
173	The relationship of anxious and depressive symptoms in Parkinson's disease with voxel-based neuroanatomical and functional connectivity measures. <i>Journal of Affective Disorders</i> , 2019, 245, 580-588.	2.0	25
174	Structural networks analysis for depression combined with graph theory and the properties of fiber tracts via diffusion tensor imaging. <i>Neuroscience Letters</i> , 2019, 694, 34-40.	1.0	12
175	Increased functional segregation of brain network associated with symptomatology and sustained attention in chronic post-traumatic stress disorder. <i>Journal of Affective Disorders</i> , 2019, 247, 183-191.	2.0	21
176	Altered brain functional network in children with type 1 Gaucher disease: a longitudinal graph theory-based study. <i>Neuroradiology</i> , 2019, 61, 63-70.	1.1	8
177	Altered structural and functional brain network overall organization predict human intertemporal decision-making. <i>Human Brain Mapping</i> , 2019, 40, 306-328.	1.9	22
178	Network analysis reveals disrupted functional brain circuitry in drug-naive social anxiety disorder. <i>NeuroImage</i> , 2019, 190, 213-223.	2.1	78
179	Mapping Convergent and Divergent Cortical Thinning Patterns in Patients With Deficit and Nondeficit Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 211-221.	2.3	18
180	Changes of the postcentral cortex in irritable bowel syndrome patients. <i>Brain Imaging and Behavior</i> , 2020, 14, 1566-1576.	1.1	13

#	ARTICLE	IF	CITATIONS
181	Structural networks in children with autism spectrum disorder with regression: A graph theory study. <i>Behavioural Brain Research</i> , 2020, 378, 112262.	1.2	13
182	Detecting schizophrenia at the level of the individual: relative diagnostic value of whole-brain images, connectome-wide functional connectivity and graph-based metrics. <i>Psychological Medicine</i> , 2020, 50, 1852-1861.	2.7	57
183	Abnormal synchronization of functional and structural networks in schizophrenia. <i>Brain Imaging and Behavior</i> , 2020, 14, 2232-2241.	1.1	16
184	Changes of white matter integrity and structural network connectivity in nondemented cerebral small-vessel disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1162-1169.	1.9	19
185	Altered resting functional network topology assessed using graph theory in youth with attention-deficit/hyperactivity disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109796.	2.5	22
186	Neuroimaging features of whole-brain functional connectivity predict attack frequency of migraine. <i>Human Brain Mapping</i> , 2020, 41, 984-993.	1.9	17
187	Dynamic Functional Connectivity Reveals Abnormal Variability and Hyper-connected Pattern in Autism Spectrum Disorder. <i>Autism Research</i> , 2020, 13, 230-243.	2.1	54
188	Functional-structural relationship in large-scale brain networks of patients with end stage renal disease after kidney transplantation: A longitudinal study. <i>Human Brain Mapping</i> , 2020, 41, 328-341.	1.9	9
189	Integrating machine learning and multimodal neuroimaging to detect schizophrenia at the level of the individual. <i>Human Brain Mapping</i> , 2020, 41, 1119-1135.	1.9	56
190	A preliminary study of disrupted functional network in individuals with Internet gaming disorder: Evidence from the comparison with recreational game users. <i>Addictive Behaviors</i> , 2020, 102, 106202.	1.7	8
191	Altered functional connectivity of the thalamus in tinnitus patients is correlated with symptom alleviation after sound therapy. <i>Brain Imaging and Behavior</i> , 2020, 14, 2668-2678.	1.1	20
192	Changes of brain structural network connection in Parkinson's disease patients with mild cognitive dysfunction: a study based on diffusion tensor imaging. <i>Journal of Neurology</i> , 2020, 267, 933-943.	1.8	29
193	Atypical gamma functional connectivity pattern during light sleep in children with attention deficit hyperactivity disorder. <i>Brain and Development</i> , 2020, 42, 129-139.	0.6	9
194	Disrupted intrinsic functional connectivity of the cognitive control network underlies disease severity and executive dysfunction in first-episode, treatment-naïve adolescent depression. <i>Journal of Affective Disorders</i> , 2020, 264, 455-463.	2.0	29
195	Unique white matter structural connectivity in early-stage drug-naïve Parkinson disease. <i>Neurology</i> , 2020, 94, e774-e784.	1.5	24
196	Disrupted brain functional networks in patients with end-stage renal disease undergoing hemodialysis. <i>Journal of Neuroscience Research</i> , 2020, 98, 2566-2578.	1.3	13
197	Functional connectome-based biomarkers predict chronic codeine-containing cough syrup dependent. <i>Journal of Psychiatric Research</i> , 2020, 130, 333-341.	1.5	3
198	Brain Functional Network in Chronic Asymptomatic Carotid Artery Stenosis and Occlusion: Changes and Compensation. <i>Neural Plasticity</i> , 2020, 2020, 1-11.	1.0	8

#	ARTICLE	IF	CITATIONS
199	Alteration in topological properties of brain functional network after 2-year high altitude exposure: A panel study. <i>Brain and Behavior</i> , 2020, 10, e01656.	1.0	11
200	The structural basis for interhemispheric functional connectivity: Evidence from individuals with agenesis of the corpus callosum. <i>NeuroImage: Clinical</i> , 2020, 28, 102425.	1.4	11
201	Disrupted White Matter Integrity and Structural Brain Networks in Temporal Lobe Epilepsy With and Without Interictal Psychosis. <i>Frontiers in Neurology</i> , 2020, 11, 556569.	1.1	5
202	Disentangling time series between brain tissues improves fMRI data quality using a time-dependent deep neural network. <i>NeuroImage</i> , 2020, 223, 117340.	2.1	10
203	Effects of childhood trauma experience and COMT Val158Met polymorphism on brain connectivity in a multimodal MRI study. <i>Brain and Behavior</i> , 2020, 10, e01858.	1.0	2
204	The indispensable role of the cerebellum in visual divergent thinking. <i>Scientific Reports</i> , 2020, 10, 16552.	1.6	12
205	A multi-domain prognostic model of disorder of consciousness using resting-state fMRI and laboratory parameters. <i>Brain Imaging and Behavior</i> , 2021, 15, 1966-1976.	1.1	13
206	The effects of sound therapy in tinnitus are characterized by altered limbic and auditory networks. <i>Brain Communications</i> , 2020, 2, fcaa131.	1.5	17
207	Epilepsy-Related Brain Network Alterations in Patients With Temporal Lobe Glioma in the Left Hemisphere. <i>Frontiers in Neurology</i> , 2020, 11, 684.	1.1	15
208	Functional disconnection between subsystems of the default mode network in schizophrenia. <i>Psychological Medicine</i> , 2022, 52, 2270-2280.	2.7	12
209	BrainSort: a Machine Learning Toolkit for Brain Connectome Data Analysis and Visualization. <i>Journal of Signal Processing Systems</i> , 2020, , 1.	1.4	1
210	Differences in topological properties of functional brain networks between menstrually-related and non-menstrual migraine without aura. <i>Brain Imaging and Behavior</i> , 2021, 15, 1450-1459.	1.1	8
211	Prediction of pain intensity with uterine morphological features and brain microstructural and functional properties in women with primary dysmenorrhea. <i>Brain Imaging and Behavior</i> , 2020, 15, 1580-1588.	1.1	8
212	Disrupted topological properties of functional networks in epileptic children with generalized tonic-clonic seizures. <i>Brain and Behavior</i> , 2020, 10, e01890.	1.0	14
213	The spatial organization of the chonnectome associates with cortical hierarchy and transcriptional profiles in the human brain. <i>NeuroImage</i> , 2020, 222, 117296.	2.1	29
214	Altered resting-state fMRI signals and network topological properties of bipolar depression patients with anxiety symptoms. <i>Journal of Affective Disorders</i> , 2020, 277, 358-367.	2.0	12
215	Developmental neuroplasticity of the white matter connectome in children with perinatal stroke. <i>Neurology</i> , 2020, 95, e2476-e2486.	1.5	22
216	Disrupted Rich Club Organization of Hemispheric White Matter Networks in Bipolar Disorder. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 39.	1.3	4

#	ARTICLE	IF	CITATIONS
217	Hemispheric Asymmetry of Functional Brain Networks under Different Emotions Using EEG Data. <i>Entropy</i> , 2020, 22, 939.	1.1	21
218	Electroencephalographic and Neuroimaging Asymmetry Correlation in Patients with Attention-Deficit Hyperactivity Disorder. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	1.0	4
219	Brain Functional Magnetic Resonance Imaging Highlights Altered Connections and Functional Networks in Patients With Hypertension. <i>Hypertension</i> , 2020, 76, 1480-1490.	1.3	38
220	Acupuncture Modulates Disrupted Whole-Brain Network after Ischemic Stroke: Evidence Based on Graph Theory Analysis. <i>Neural Plasticity</i> , 2020, 2020, 1-10.	1.0	21
221	Altered long- and short-range functional connectivity density associated with poor sleep quality in patients with chronic insomnia disorder: A resting-state fMRI study. <i>Brain and Behavior</i> , 2020, 10, e01844.	1.0	9
222	Characteristics of White Matter Structural Networks in Chronic Schizophrenia Treated With Clozapine or Risperidone and Those Never Treated. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 799-810.	1.0	11
223	Disrupted Functional Network Connectivity Predicts Cognitive Impairment in Presbycusis Patients. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 246.	1.7	17
224	Abnormal dynamic resting-state brain network organization in auditory verbal hallucination. <i>Brain Structure and Function</i> , 2020, 225, 2315-2330.	1.2	17
225	Alterations of Brain Functional Networks in Older Adults: A Resting-state fMRI Study Using Graph Theory. , 2020, , .		1
226	Individualized Prediction of PTSD Symptom Severity in Trauma Survivors From Whole-Brain Resting-State Functional Connectivity. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 563152.	1.0	15
227	Heterogeneous Acupuncture Effects of Taixi (KI3) on Functional Connectivity in Healthy Youth and Elder: A Functional MRI Study Using Regional Homogeneity and Large-Scale Functional Connectivity Analysis. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	1.0	5
228	Aberrant Metabolic Patterns Networks in Insular Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 605256.	1.1	12
229	Effect of different motor skills training on motor control network in the frontal lobe and basal ganglia. <i>Biology of Sport</i> , 2020, 37, 405-413.	1.7	10
230	Neural Correlates of Cognitive Dysfunctions in Cervical Spondylotic Myelopathy Patients: A Resting-State fMRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 596795.	1.1	18
231	Topological reorganization of brain functional networks in patients with mitochondrial encephalomyopathy with lactic acidosis and stroke-like episodes. <i>NeuroImage: Clinical</i> , 2020, 28, 102480.	1.4	9
232	Altered regional homogeneity and functional brain networks in Type 2 diabetes with and without mild cognitive impairment. <i>Scientific Reports</i> , 2020, 10, 21254.	1.6	30
233	Effective and Accurate Diagnosis of Subjective Cognitive Decline Based on Functional Connection and Graph Theory View. <i>Frontiers in Neuroscience</i> , 2020, 14, 577887.	1.4	29
234	White matter structural network disturbances in first-episode, drug-naïve adolescents with generalized anxiety disorder. <i>Journal of Psychiatric Research</i> , 2020, 130, 394-404.	1.5	9

#	ARTICLE	IF	CITATIONS
235	Preferentially Disrupted Core Hubs Within the Default-Mode Network in Patients With End-Stage Renal Disease: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Neurology</i> , 2020, 11, 1032.	1.1	6
236	Dynamic network connectivity predicts subjective cognitive decline: the Sino-Longitudinal Cognitive impairment and dementia study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2692-2707.	1.1	16
237	Abnormal Rich Club Organization of Structural Network as a Neuroimaging Feature in Relation With the Severity of Primary Insomnia. <i>Frontiers in Psychiatry</i> , 2020, 11, 308.	1.3	12
238	Abnormal dynamic functional connectivity in Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 962-971.	1.9	63
239	Tumor grade-related language and control network reorganization in patients with left cerebral glioma. <i>Cortex</i> , 2020, 129, 141-157.	1.1	28
240	Aberrant Gray Matter Networks in Non-comorbid Medication-Naive Patients With Major Depressive Disorder and Those With Social Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 172.	1.0	15
241	Uncovering complex central autonomic networks at rest: a functional magnetic resonance imaging study on complex cardiovascular oscillations. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190878.	1.5	42
242	Violent Behavior Is Associated With Emotion Salience Network Dysconnectivity in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 143.	1.3	11
243	Abnormal white matter within brain structural networks is associated with high-impulse behaviour in codeine-containing cough syrup dependent users. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 271, 823-833.	1.8	1
244	Development of Brain Structural Networks Over Age 8: A Preliminary Study Based on Diffusion Weighted Imaging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 61.	1.7	4
245	A Novel Individual Metabolic Brain Network for 18F-FDG PET Imaging. <i>Frontiers in Neuroscience</i> , 2020, 14, 344.	1.4	18
246	Changes of Altruistic Behavior and Kynurenine Pathway in Late-Life Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 338.	1.3	5
247	Altered Functional Connectivity in the Motor and Prefrontal Cortex for Children With Down's Syndrome: An fNIRS Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 6.	1.0	20
248	Neural network correlates of high-altitude adaptive genetic variants in Tibetans: A pilot, exploratory study. <i>Human Brain Mapping</i> , 2020, 41, 2406-2430.	1.9	9
249	Brain structural connectome in relation to PRRT2 mutations in paroxysmal kinesigenic dyskinesia. <i>Human Brain Mapping</i> , 2020, 41, 3855-3866.	1.9	11
250	Altered White Matter Structural Network in Frontal and Temporal Lobe Epilepsy: A Graph-Theoretical Study. <i>Frontiers in Neurology</i> , 2020, 11, 561.	1.1	18
251	Understanding Graph Isomorphism Network for rs-fMRI Functional Connectivity Analysis. <i>Frontiers in Neuroscience</i> , 2020, 14, 630.	1.4	65
252	Altered Whole-Brain Functional Networks in First-Episode Adolescents With Major Depression Disorder. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1790-1798.	1.9	22

#	ARTICLE	IF	CITATIONS
253	Functional Disorganization of Small-World Brain Networks in Patients With Ischemic Leukoaraiosis. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 203.	1.7	22
254	White Matter Structural Brain Connectivity of Young Healthy Individuals With High Trait Anxiety. <i>Frontiers in Neurology</i> , 2020, 10, 1421.	1.1	15
255	Feature Selection and Combination of Information in the Functional Brain Connectome for Discrimination of Mild Cognitive Impairment and Analyses of Altered Brain Patterns. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 28.	1.7	39
256	Dynamic functional connectivity and graph theory metrics in a rat model of temporal lobe epilepsy reveal a preference for brain states with a lower functional connectivity, segregation and integration. <i>Neurobiology of Disease</i> , 2020, 139, 104808.	2.1	18
257	Abnormal Anatomical Rich-Club Organization and Structuralâ€“Functional Coupling in Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 53.	1.1	51
258	Resting-state brain network properties mediate the association between the oxytocin receptor gene and interdependence. <i>Social Neuroscience</i> , 2020, 15, 296-310.	0.7	9
259	Patterns of olfactory functional networks in Parkinson's disease dementia and Alzheimer's dementia. <i>Neurobiology of Aging</i> , 2020, 89, 63-70.	1.5	24
260	Effect of prefrontal tDCS on resting brain fMRI graph measures in Alcohol Use Disorders: A randomized, double-blind, sham-controlled study.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 102, 109950.	2.5	30
261	Altered brain white matter connectome in children and adolescents with prenatal alcohol exposure. <i>Brain Structure and Function</i> , 2020, 225, 1123-1133.	1.2	18
262	Network topology and machine learning analyses reveal microstructural white matter changes underlying Chinese medicine Dengzhan Shengmai treatment on patients with vascular cognitive impairment. <i>Pharmacological Research</i> , 2020, 156, 104773.	3.1	22
263	Partitioning heritability analyses unveil the genetic architecture of human brain multidimensional functional connectivity patterns. <i>Human Brain Mapping</i> , 2020, 41, 3305-3317.	1.9	17
264	Aberrancies of Brain Network Structures in Patients with Anosmia. <i>Brain Topography</i> , 2020, 33, 403-411.	0.8	13
265	Aberrant static and dynamic functional connectivity of the executive control network in lung cancer patients after chemotherapy: a longitudinal fMRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 927-940.	1.1	11
266	Age-Related Decline in the Topological Efficiency of the Brain Structural Connectome and Cognitive Aging. <i>Cerebral Cortex</i> , 2020, 30, 4651-4661.	1.6	22
267	Abnormal Rich Club Organization in Hemispheric White Matter Networks of ADHD. <i>Journal of Attention Disorders</i> , 2021, 25, 1215-1229.	1.5	11
268	Altered white matter structural networks in drug-naïve patients with obsessive-compulsive disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 700-710.	1.1	8
269	Altered resting-state functional networks in patients with hemodialysis: a graph-theoretical based study. <i>Brain Imaging and Behavior</i> , 2021, 15, 833-845.	1.1	12
270	Structural network performance for early diagnosis of spastic cerebral palsy in periventricular white matter injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 855-864.	1.1	4

#	ARTICLE	IF	CITATIONS
271	Altered resting-state networks may explain the executive impairment in young health immigrants into high-altitude area. <i>Brain Imaging and Behavior</i> , 2021, 15, 147-156.	1.1	11
272	Cerebral microinfarcts affect brain structural network topology in cognitively impaired patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 105-115.	2.4	11
273	Impact of Brain Functional Network Properties on Intelligence in Children and Adolescents with Focal Epilepsy: A Resting-state MRI Study. <i>Academic Radiology</i> , 2021, 28, 225-232.	1.3	7
274	Specific white matter connectomic changes in schizophrenia compared with psychotic bipolar disorder. <i>Asian Journal of Psychiatry</i> , 2021, 55, 102468.	0.9	4
275	Diagnosis of early Alzheimer's disease based on dynamic high order networks. <i>Brain Imaging and Behavior</i> , 2021, 15, 276-287.	1.1	36
276	The effects of cognitive behavioral therapy on the whole brain structural connectome in unmedicated patients with obsessive-compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110037.	2.5	15
277	Convergent and divergent functional connectivity alterations of hippocampal subregions between short-term and chronic insomnia disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 986-995.	1.1	7
278	Changes in the topological organization of the default mode network in autism spectrum disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 1058-1067.	1.1	28
279	Aberrant Functional Connectivity of Basal Forebrain Subregions with Cholinergic System in Short-term and Chronic Insomnia Disorder. <i>Journal of Affective Disorders</i> , 2021, 278, 481-487.	2.0	6
280	Prediction of trust propensity from intrinsic brain morphology and functional connectome. <i>Human Brain Mapping</i> , 2021, 42, 175-191.	1.9	31
281	Alterations in intrinsic functional networks in Parkinson's disease patients with depression: A resting-state functional magnetic resonance imaging study. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 289-298.	1.9	20
282	Relationship between the disrupted topological efficiency of the structural brain connectome and glucose hypometabolism in normal aging. <i>NeuroImage</i> , 2021, 226, 117591.	2.1	15
283	Temporal Dynamics of Functional Brain States Underlie Cognitive Performance. <i>Cerebral Cortex</i> , 2021, 31, 2125-2138.	1.6	10
284	Alterations of Brain Networks in Alzheimer's Disease and Mild Cognitive Impairment: A Resting State fMRI Study Based on a Population-specific Brain Template. <i>Neuroscience</i> , 2021, 452, 192-207.	1.1	20
285	Development of the default-mode network during childhood and adolescence: A longitudinal resting-state fMRI study. <i>NeuroImage</i> , 2021, 226, 117581.	2.1	74
286	Language control network adapts to second language learning: A longitudinal rs-fMRI study. <i>Neuropsychologia</i> , 2021, 150, 107688.	0.7	7
287	Hierarchical integrated processing of reward-related regions in obese males: A graph-theoretical-based study. <i>Appetite</i> , 2021, 159, 105055.	1.8	6
288	Connectome-based evidence for creative thinking as an emergent property of ordinary cognitive operations. <i>NeuroImage</i> , 2021, 227, 117632.	2.1	18

#	ARTICLE	IF	CITATIONS
289	The effects of cognitive training on the topological properties of brain structural network among community-dwelling older adults. <i>Journal of Clinical Neuroscience</i> , 2021, 83, 77-82.	0.8	1
290	Connectome-Based Predictive Modeling of Creativity Anxiety. <i>NeuroImage</i> , 2021, 225, 117469.	2.1	39
291	Functional and network analyses of human exposure to long-term evolution signal. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5755-5773.	2.7	13
292	Altered Dynamic Functional Connectivity in Patients With Mitochondrial Encephalomyopathy With Lactic Acidosis and Stroke-Like Episodes (MELAS) at Acute and Chronic Stages: Shared and Specific Brain Connectivity Abnormalities. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 427-436.	1.9	6
293	Whole-brain computational modeling reveals disruption of microscale brain dynamics in HIV infected individuals. <i>Human Brain Mapping</i> , 2021, 42, 95-109.	1.9	5
294	Aberrant brain network topology in the frontoparietal-limbic circuit in bipolar disorder: a graph-theory study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1379-1391.	1.8	9
295	Atypical Resting-State Functional Connectivity Dynamics Correlate With Early Cognitive Dysfunction in HIV Infection. <i>Frontiers in Neurology</i> , 2020, 11, 606592.	1.1	4
296	Brain network analyses of diffusion tensor imaging for brain aging. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 6066-6078.	1.0	4
297	Altered Weibull Degree Distribution in Resting-State Functional Brain Networks Is Associated With Cognitive Decline in Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 599112.	1.7	2
298	Epilepsy enhance global efficiency of language networks in right temporal lobe gliomas. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 363-371.	1.9	8
299	Integrated and segregated frequency architecture of the human brain network. <i>Brain Structure and Function</i> , 2021, 226, 335-350.	1.2	5
300	Graph Theoretical Analysis of Interictal EEG Data in Epilepsy Patients during Epileptiform Discharge and Non-discharge. <i>International Journal of Affective Engineering</i> , 2021, 20, 131-142.	0.2	4
301	Alteration of spatial patterns at the network-level in facial synkinesis: an independent component and connectome analysis. <i>Annals of Translational Medicine</i> , 2021, 9, 240-240.	0.7	7
302	Brain Structural Network Compensation Is Associated With Cognitive Impairment and Alzheimer's Disease Pathology. <i>Frontiers in Neuroscience</i> , 2021, 15, 630278.	1.4	16
303	Different Modular Organization Between Early Onset and Late Onset Depression: A Study Base on Granger Causality Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 625175.	1.7	8
304	Abnormal brain functional networks in end-stage renal disease patients with cognitive impairment. <i>Brain and Behavior</i> , 2021, 11, e02076.	1.0	11
305	Common and Specific Alterations of Amygdala Subregions in Major Depressive Disorder With and Without Anxiety: A Combined Structural and Resting-State Functional MRI Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 634113.	1.0	4
306	Alterations in Dynamic Functional Connectivity in Individuals With Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 646017.	1.7	23

#	ARTICLE	IF	CITATIONS
307	Brain Structural Covariance Networks in Behavioral Variant of Frontotemporal Dementia. <i>Brain Sciences</i> , 2021, 11, 192.	1.1	10
308	Characterization of kinesthetic motor imagery compared with visual motor imageries. <i>Scientific Reports</i> , 2021, 11, 3751.	1.6	30
309	Disrupted brain gray matter networks in drug-naïve participants with essential tremor. <i>Neuroradiology</i> , 2021, 63, 1501-1510.	1.1	13
310	Regional brain network and behavioral alterations in EGR3 gene transfected rat model of schizophrenia. <i>Brain Imaging and Behavior</i> , 2021, 15, 2606-2615.	1.1	1
311	Task-induced activation transmitted by structural connectivity is associated with behavioral performance. <i>Brain Structure and Function</i> , 2021, 226, 1437-1452.	1.2	3
312	Anhedonia Relates to the Altered Global and Local Grey Matter Network Properties in Schizophrenia. <i>Journal of Clinical Medicine</i> , 2021, 10, 1395.	1.0	3
313	Brain Small-Worldness Properties and Perceived Fatigue in Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 541-546.	1.7	9
314	Evaluation of Diffusion Tensor White Matter Network of Alzheimer's Disease. , 2021, , .		0
315	Alterations of brain network topology and structural connectivity of functional connectivity coupling in capsular versus pontine stroke. <i>European Journal of Neurology</i> , 2021, 28, 1967-1976.	1.7	12
317	Alterations of White Matter Network Properties in Patients With Functional Constipation. <i>Frontiers in Neurology</i> , 2021, 12, 627130.	1.1	8
318	Identification of Schizophrenia using LSTM Recurrent Neural Network. , 2021, , .		3
319	Characteristic Alterations of Network in Patients With Intraoperative Stimulation-Induced Seizures During Awake Craniotomy. <i>Frontiers in Neurology</i> , 2021, 12, 602716.	1.1	5
320	The Insula Is a Hub for Functional Brain Network in Patients With Anti-N-Methyl-D-Aspartate Receptor Encephalitis. <i>Frontiers in Neuroscience</i> , 2021, 15, 642390.	1.4	7
321	Aberrant multimodal brain networks in patients with anti-NMDA receptor encephalitis. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 652-663.	1.9	9
322	Disrupted morphological grey matter networks in early-stage Parkinson's disease. <i>Brain Structure and Function</i> , 2021, 226, 1389-1403.	1.2	16
323	Disrupted Topological Organization of the Brain Structural Network in Patients With Thyroid-Associated Ophthalmopathy. , 2021, 62, 5.		21
324	Graph convolution network with similarity awareness and adaptive calibration for disease-induced deterioration prediction. <i>Medical Image Analysis</i> , 2021, 69, 101947.	7.0	53
325	Corpus callosum dysgenesis causes novel patterns of structural and functional brain connectivity. <i>Brain Communications</i> , 2021, 3, fcab057.	1.5	8

#	ARTICLE	IF	CITATIONS
326	Functional connectivity of the attention networks is altered and relates to neuropsychological outcomes in children with prenatal alcohol exposure. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100951.	1.9	13
327	Network-level functional topological changes after mindfulness-based cognitive therapy in mood dysregulated adolescents at familial risk for bipolar disorder: a pilot study. <i>BMC Psychiatry</i> , 2021, 21, 213.	1.1	12
328	Disruption of Rich-Club Connectivity in Cushing Disease. <i>World Neurosurgery</i> , 2021, 148, e275-e281.	0.7	5
329	Sex Differences of Brain Functional Topography Revealed in Normal Aging and Alzheimer's Disease Cohort. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 979-984.	1.2	6
330	Associations between hemispheric asymmetry and schizophrenia-related risk genes in people with schizophrenia and people at a genetic high risk of schizophrenia. <i>British Journal of Psychiatry</i> , 2021, 219, 392-400.	1.7	5
331	The development of brain functional connectome during text reading. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100927.	1.9	17
334	A research on resting-state functional network connectivity after rt-fMRI neurofeedback in insomnia. <i>Journal of Physics: Conference Series</i> , 2021, 1907, 012013.	0.3	0
335	Individual-based morphological brain network organization and its association with autistic symptoms in young children with autism spectrum disorder. <i>Human Brain Mapping</i> , 2021, 42, 3282-3294.	1.9	15
336	Different Functional Network Connectivity Patterns in Epilepsy: A Rest-State fMRI Study on Mesial Temporal Lobe Epilepsy and Benign Epilepsy With Centrottemporal Spike. <i>Frontiers in Neurology</i> , 2021, 12, 668856.	1.1	7
337	Increased segregation of structural brain networks underpins enhanced broad cognitive abilities of cognitive training. <i>Human Brain Mapping</i> , 2021, 42, 3202-3215.	1.9	11
338	Antiepileptic Efficacy and Network Connectivity Modulation of Repetitive Transcranial Magnetic Stimulation by Vertex Suppression. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 667619.	1.0	3
339	Disentangling age- and disease-related alterations in schizophrenia brain network using structural equation modeling: A graph theoretical study based on minimum spanning tree. <i>Human Brain Mapping</i> , 2021, 42, 3023-3041.	1.9	6
340	Progressive Disruption of Dynamic Functional Network Connectivity in Patients With Hepatitis B Virus-related cirrhosis. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1830-1840.	1.9	9
341	Neural representations of the amount and the delay time of reward in intertemporal decision making. <i>Human Brain Mapping</i> , 2021, 42, 3450-3469.	1.9	19
342	The role of a critical left fronto-temporal network with its right-hemispheric homologue in syntactic learning based on word category information. <i>Journal of Neurolinguistics</i> , 2021, 58, 100977.	0.5	7
343	Disrupted Network Topology Contributed to Spatial Navigation Impairment in Patients With Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 630677.	1.7	10
344	Dynamic network topological properties for classifying primary dysmenorrhoea in the pain-free phase. <i>European Journal of Pain</i> , 2021, 25, 1912-1924.	1.4	3
345	Distinguishing the three versions of the Chinese Remote Associates Test based on default mode network connectivity. <i>Thinking Skills and Creativity</i> , 2021, 40, 100829.	1.9	7

#	ARTICLE	IF	CITATIONS
346	Structural characteristics of complex supply chain networks. <i>Journal of Business Logistics</i> , 2021, 42, 264-290.	7.0	57
347	Disrupted Structural Brain Connectome Is Related to Cognitive Impairment in Patients With Ischemic Leukoaraiosis. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 654750.	1.0	8
348	Functional Connectome Fingerprint of Holistic-Analytic Cultural Style. <i>Social Cognitive and Affective Neuroscience</i> , 2021, , .	1.5	8
349	Topological Organization Alterations of Whole-Brain Functional Networks in Patients with Childhood Absence Epilepsy: Associations with Treatment Effects. <i>Disease Markers</i> , 2021, 2021, 1-8.	0.6	0
350	Sex Difference in Network Topology and Education Correlated With Sex Difference in Cognition During the Disease Process of Alzheimer. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 639529.	1.7	12
352	Diffusion tensor imaging brain structural clustering patterns in major depressive disorder. <i>Human Brain Mapping</i> , 2021, 42, 5023-5036.	1.9	9
353	Multi-Dimensional Diffusion Tensor Imaging Biomarkers for Cognitive Decline From the Preclinical Stage: A Study of Post-stroke Small Vessel Disease. <i>Frontiers in Neurology</i> , 2021, 12, 687959.	1.1	9
354	Disrupted Topological Organization in White Matter Networks in Unilateral Sudden Sensorineural Hearing Loss. <i>Frontiers in Neuroscience</i> , 2021, 15, 666651.	1.4	4
355	Poor speech recognition, sound localization and reorganization of brain activity in children with unilateral microtia-atresia. <i>Brain Imaging and Behavior</i> , 2022, 16, 78-90.	1.1	4
356	Topological Alterations in White Matter Structural Networks in Blepharospasm. <i>Movement Disorders</i> , 2021, 36, 2802-2810.	2.2	10
357	White matter degeneration in remote brain areas of stroke patients with motor impairment due to basal ganglia lesions. <i>Human Brain Mapping</i> , 2021, 42, 4750-4761.	1.9	3
358	Multivariate Machine Learning Analyses in Identification of Major Depressive Disorder Using Resting-State Functional Connectivity: A Multicenter Study. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2878-2886.	1.7	30
359	Topologically convergent and divergent morphological gray matter networks in early-stage Parkinson's disease with and without mild cognitive impairment. <i>Human Brain Mapping</i> , 2021, 42, 5101-5112.	1.9	23
360	The Corticospinal Excitability Can Be Predicted by Spontaneous Electroencephalography Oscillations. <i>Frontiers in Neuroscience</i> , 2021, 15, 722231.	1.4	4
361	Altered Brain Functional Network Topology in Lung Cancer Patients After Chemotherapy. <i>Frontiers in Neurology</i> , 2021, 12, 710078.	1.1	2
362	Diffusion Tensor Imaging Reveals Altered Topological Efficiency of Structural Networks in Type-2 Diabetes Patients With and Without Mild Cognitive Impairment. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 917-927.	1.9	14
363	Different effects of the DRD4 genotype on intrinsic brain network connectivity strength in drug-naïve children with ADHD and healthy controls. <i>Brain Imaging and Behavior</i> , 2022, 16, 464-475.	1.1	5
364	Structural and functional brain connectivity in moderate-to-late preterm infants with low-grade intraventricular hemorrhage. <i>Neuroradiology</i> , 2022, 64, 197-204.	1.1	4

#	ARTICLE	IF	CITATIONS
365	Disruption of human brain connectivity networks in patients with cervical spondylotic myelopathy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3418-3430.	1.1	7
366	The disrupted topological properties of structural networks showed recovery in ischemic stroke patients: a longitudinal design study. <i>BMC Neuroscience</i> , 2021, 22, 47.	0.8	9
367	Subcortical structures and visual divergent thinking: a resting-state functional MRI analysis. <i>Brain Structure and Function</i> , 2021, 226, 2617-2627.	1.2	5
368	Acupuncture With deqi Modulates the Hemodynamic Response and Functional Connectivity of the Prefrontal-Motor Cortical Network. <i>Frontiers in Neuroscience</i> , 2021, 15, 693623.	1.4	7
369	Cost-efficiency trade-offs of the human brain network revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , 2021, 236, 118040.	2.1	7
371	Altered resting-state functional networks in patients with premenstrual syndrome: a graph-theoretical based study. <i>Brain Imaging and Behavior</i> , 2022, 16, 435-444.	1.1	3
372	Aberrant Static and Dynamic Functional Network Connectivity in Acute Mild Traumatic Brain Injury with Cognitive Impairment. <i>Clinical Neuroradiology</i> , 2022, 32, 205-214.	1.0	16
373	Structural connectivity changes in the motor execution network after stroke rehabilitation. <i>Restorative Neurology and Neuroscience</i> , 2021, 39, 237-245.	0.4	2
374	Investigation of functional brain network reconfiguration during exposure to naturalistic stimuli using graph-theoretical analysis. <i>Journal of Neural Engineering</i> , 2021, 18, 056027.	1.8	4
375	Striatal Subdivisions Estimated via Deep Embedded Clustering With Application to Parkinson's Disease. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3564-3575.	3.9	6
376	Emotion-Related Network Reorganization Following Fish Oil Supplementation in Depressed Bipolar Offspring: An fMRI Graph-Based Connectome Analysis. <i>Journal of Affective Disorders</i> , 2021, 292, 319-327.	2.0	6
377	Disruption of the white matter structural network and its correlation with baseline progression rate in patients with sporadic amyotrophic lateral sclerosis. <i>Translational Neurodegeneration</i> , 2021, 10, 35.	3.6	8
378	Reduced functional network connectivity is associated with upper limb dysfunction in acute ischemic brainstem stroke. <i>Brain Imaging and Behavior</i> , 2022, 16, 802-810.	1.1	8
379	Aberrant functional brain network dynamics in patients with functional constipation. <i>Human Brain Mapping</i> , 2021, 42, 5985-5999.	1.9	8
381	Altered Functional Topological Organization in Type-2 Diabetes Mellitus With and Without Microvascular Complications. <i>Frontiers in Neuroscience</i> , 2021, 15, 726350.	1.4	5
382	Functional magnetic resonance imaging research in China. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1259-1267.	1.9	6
383	Graph Theoretical Analysis of EEG after Audiovisual Stimulation in Different Anxiety States. <i>IEEE Transactions on Electronics, Information and Systems</i> , 2021, 141, 1059-1068.	0.1	1
384	Impulsivity is related to overhasty risk learning in attention-deficit/hyperactivity disorder: A computational psychiatric approach. <i>Journal of Psychiatric Research</i> , 2021, 143, 84-90.	1.5	5

#	ARTICLE	IF	CITATIONS
385	Global topology alteration of the brain functional network affects the 8-week antidepressant response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 294, 491-496.	2.0	15
386	NIRS-KIT: a MATLAB toolbox for both resting-state and task fNIRS data analysis. <i>Neurophotonics</i> , 2021, 8, 010802.	1.7	73
388	The Development of Brain Network in Males with Autism Spectrum Disorders from Childhood to Adolescence: Evidence from fNIRS Study. <i>Brain Sciences</i> , 2021, 11, 120.	1.1	10
389	Disrupted balance of long and short-range functional connectivity density in Alzheimer's disease (AD) and mild cognitive impairment (MCI) patients: a resting-state fMRI study. <i>Annals of Translational Medicine</i> , 2021, 9, 65-65.	0.7	22
390	Contralesional functional network reorganization of the insular cortex in diffuse low-grade glioma patients. <i>Scientific Reports</i> , 2021, 11, 623.	1.6	7
391	Real-time strategy video game experience and structural connectivity – A diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2018, 39, 3742-3758.	1.9	25
392	Outcome Prediction for Patient with High-Grade Gliomas from Brain Functional and Structural Networks. <i>Lecture Notes in Computer Science</i> , 2016, 9901, 26-34.	1.0	29
393	Multi-label Inductive Matrix Completion for Joint MGMT and IDH1 Status Prediction for Glioma Patients. <i>Lecture Notes in Computer Science</i> , 2017, 10434, 450-458.	1.0	10
394	Psychosocial stress reactivity is associated with decreased whole-brain network efficiency and increased amygdala centrality.. <i>Behavioral Neuroscience</i> , 2018, 132, 561-572.	0.6	24
395	Improving motivation through real-time fMRI-based self-regulation of the nucleus accumbens.. <i>Neuropsychology</i> , 2018, 32, 764-776.	1.0	23
399	Functional near-infrared spectroscopy evidence for the development of topological asymmetry between hemispheric brain networks from childhood to adulthood. <i>Neurophotonics</i> , 2019, 6, 1.	1.7	16
400	Transcranial photobiomodulation-induced changes in human brain functional connectivity and network metrics mapped by whole-head functional near-infrared spectroscopy in vivo. <i>Biomedical Optics Express</i> , 2020, 11, 5783.	1.5	21
401	Mapping Individual Brain Networks Using Statistical Similarity in Regional Morphology from MRI. <i>PLoS ONE</i> , 2015, 10, e0141840.	1.1	82
402	Neurobiological commonalities and distinctions among 3 major psychiatric disorders: a graph theoretical analysis of the structural connectome. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 15-22.	1.4	14
403	Impaired brain network architecture in Cushing's disease based on graph theoretical analysis. <i>Aging</i> , 2020, 12, 5168-5182.	1.4	2
404	Increased intrinsic default-mode network activity as a compensatory mechanism in aMCI: a resting-state functional connectivity MRI study. <i>Aging</i> , 2020, 12, 5907-5919.	1.4	11
405	Increased local connectivity of brain functional networks during facial processing in schizophrenia: evidence from EEG data. <i>Oncotarget</i> , 2017, 8, 107312-107322.	0.8	20
406	Altered network efficiency of functional brain networks in patients with breast cancer after chemotherapy. <i>Oncotarget</i> , 2017, 8, 105648-105661.	0.8	21

#	ARTICLE	IF	CITATIONS
407	Whole-Brain Functional Networks for Phonological and Orthographic Processing in Chinese Good and Poor Readers. <i>Frontiers in Psychology</i> , 2019, 10, 2945.	1.1	14
408	Early life stress causes sex-specific changes in adult fronto-limbic connectivity that differentially drive learning. <i>ELife</i> , 2020, 9, .	2.8	23
409	Brain network topology and future development of freezing of gait in Parkinson's disease: a longitudinal study. <i>Journal of Neurology</i> , 2022, 269, 2503-2512.	1.8	8
410	Disrupted fronto-temporal function in panic disorder: a resting-state connectome study. <i>Brain Imaging and Behavior</i> , 2022, 16, 888-898.	1.1	6
411	Hub-connected functional connectivity within social brain network weakens the association with real-life social network in schizophrenia patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1033-1043.	1.8	5
412	Altered Degree Centrality of Brain Networks in Parkinson's Disease With Freezing of Gait: A Resting-State Functional MRI Study. <i>Frontiers in Neurology</i> , 2021, 12, 743135.	1.1	12
413	Prediction of Deep Brain Stimulation Outcome in Parkinson's Disease With Connectome Based on Hemispheric Asymmetry. <i>Frontiers in Neuroscience</i> , 2021, 15, 620750.	1.4	1
414	Abnormal Functional Brain Network in Parkinson's Disease and the Effect of Acute Deep Brain Stimulation. <i>Frontiers in Neurology</i> , 2021, 12, 715455.	1.1	2
418	Modular-level alterations of single-subject gray matter networks in schizophrenia. <i>Brain Imaging and Behavior</i> , 2022, 16, 855-867.	1.1	1
419	Dynamic Network Connectivity Reveals Markers of Response to Deep Brain Stimulation in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 729677.	1.0	10
420	Resting-State MEG Source Space Network Metrics Associated with the Duration of Temporal Lobe Epilepsy. <i>Brain Topography</i> , 2021, 34, 731-744.	0.8	0
421	Analysis of Correlation Between White Matter Changes and Functional Responses in Post-stroke Depression. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 728622.	1.7	5
422	Basis of Graph Theory on Brain Imaging Study. <i>Japanese Journal of Physiological Psychology and Psychophysiology</i> , 2015, 33, 231-238.	0.0	5
426	China's Role in the Biological Psychiatry Research. , 2019, , 1-18.		0
427	The Changes of Brain Networks Topology in Graph Theory of rt-fMRI Emotion Self-regulation Training. <i>Lecture Notes in Computer Science</i> , 2019, , 126-135.	1.0	0
432	Multivariate morphological brain signatures enable individualized prediction of dispositional need for closure. <i>Brain Imaging and Behavior</i> , 2021, , 1.	1.1	0
434	Topological features of limbic dysfunction in chronicity of tinnitus with intact hearing: New hypothesis for "noise-cancellation" mechanism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110459.	2.5	10
435	Gait Characteristics and Brain Activity in Parkinson's Disease with Concomitant Postural Abnormalities. , 2020, 11, 791.		5

#	ARTICLE	IF	CITATIONS
436	Effects of Head Motion on the Evaluation of Age-related Brain Network Changes Using Resting State Functional MRI. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 338-346.	1.1	5
437	An Application of Affective Computing on Mental Disorders: A Resting State fNIRS Study. <i>IFAC-PapersOnLine</i> , 2020, 53, 464-469.	0.5	3
439	China's Role in the Biological Psychiatry Research. , 2021, , 1231-1248.		0
440	Locus coeruleus degeneration is associated with disorganized functional topology in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2021, 32, 102873.	1.4	8
441	Structural connectome differences in pediatric mild traumatic brain and orthopedic injury. <i>Human Brain Mapping</i> , 2022, 43, 1032-1046.	1.9	13
442	Comparison of topological properties of functional brain networks with graph theory in temporal lobe epilepsy with different duration of disease. <i>Annals of Translational Medicine</i> , 2020, 8, 1503.	0.7	1
443	Macroscopic Structural and Connectome Mapping of the Mouse Brain Using Diffusion Magnetic Resonance Imaging. <i>Bio-protocol</i> , 2021, 11, e4221.	0.2	7
444	Altered structural brain networks in linguistic variants of frontotemporal dementia. <i>Brain Imaging and Behavior</i> , 2022, 16, 1113-1122.	1.1	9
446	Alternation in Effective Connectivity With Cognitive Aging: A Longitudinal Study of Elderly Populations. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 755931.	1.7	2
448	Differences in Brain Functional Networks of Executive Function Between Cantonese-Mandarin Bilinguals and Mandarin Monolinguals. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 748919.	1.0	1
449	The brain's structural differences between postherpetic neuralgia and lower back pain. <i>Scientific Reports</i> , 2021, 11, 22455.	1.6	3
450	A preliminary study of the effects of mindfulness-based cognitive therapy on structural brain networks in mood-dysregulated youth with a familial risk for bipolar disorder. <i>Microbial Biotechnology</i> , 2022, 16, 1011-1019.	0.9	4
451	Altered single-subject gray matter structural networks in drug-naïve attention deficit hyperactivity disorder children. <i>Human Brain Mapping</i> , 2022, 43, 1256-1264.	1.9	17
452	Characterizing reward system neural trajectories from adolescence to young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2021, 52, 101042.	1.9	8
453	Disrupted Functional Connectivity Within and Between Resting-State Networks in the Subacute Stage of Post-stroke Aphasia. <i>Frontiers in Neuroscience</i> , 2021, 15, 746264.	1.4	4
454	Developmental abnormalities of structural covariance networks of cortical thickness and surface area in autistic infants within the first 2 years. <i>Cerebral Cortex</i> , 2022, 32, 3786-3798.	1.6	3
455	Brain functional network abnormalities in parkinson's disease with mild cognitive impairment. <i>Cerebral Cortex</i> , 2022, 32, 4857-4868.	1.6	14
456	Brain Functional Network Analysis of Patients with Primary Angle-Closure Glaucoma. <i>Disease Markers</i> , 2022, 2022, 1-13.	0.6	1

#	ARTICLE	IF	CITATIONS
457	Comparison of topological properties of functional brain networks with graph theory in temporal lobe epilepsy with different duration of disease. <i>Annals of Translational Medicine</i> , 2020, 8, 1503-1503.	0.7	8
458	Functional brain rewiring and altered cortical stability in ulcerative colitis. <i>Molecular Psychiatry</i> , 2022, 27, 1792-1804.	4.1	11
459	Antidepressant Treatment-Induced State-Dependent Reconfiguration of Emotion Regulation Networks in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 771147.	1.3	2
460	Acupuncture Treatment Decreased Temporal Variability of Dynamic Functional Connectivity in Chronic Tinnitus. <i>Frontiers in Neuroscience</i> , 2021, 15, 737993.	1.4	5
461	Discriminative Analysis of Schizophrenia Patients Using Topological Properties of Structural and Functional Brain Networks: A Multimodal Magnetic Resonance Imaging Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 785595.	1.4	4
462	Functional connectivity dynamics as a function of the fluctuation of tension during film watching. <i>Brain Imaging and Behavior</i> , 2022, 16, 1260-1274.	1.1	5
463	A study of brain functional network and alertness changes in temporal lobe epilepsy with and without focal to bilateral tonic-clonic seizures. <i>BMC Neurology</i> , 2022, 22, 14.	0.8	4
464	Alterations of dynamic functional connectivity between visual and executive-control networks in schizophrenia. <i>Brain Imaging and Behavior</i> , 2022, 16, 1294-1302.	1.1	4
465	Is There a Difference in Brain Functional Connectivity between Chinese Coal Mine Workers Who Have Engaged in Unsafe Behavior and Those Who Have Not?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 509.	1.2	5
466	Reduced left lateralized functional connectivity of the thalamic subregions between short-term and chronic insomnia disorder. <i>Sleep and Biological Rhythms</i> , 2022, 20, 229.	0.5	1
467	A Comparison of Three Brain Atlases for Temporal Lobe Epilepsy Prediction. <i>Journal of Medical and Biological Engineering</i> , 2022, 42, 11-20.	1.0	2
469	EEG based functional brain networks analysis in dyslexic children during arithmetic task. <i>Cognitive Neurodynamics</i> , 2022, 16, 1013-1028.	2.3	3
470	Random Network and Non-rich-club Organization Tendency in Children With Non-syndromic Cleft Lip and Palate After Articulation Rehabilitation: A Diffusion Study. <i>Frontiers in Neurology</i> , 2022, 13, 790607.	1.1	1
471	Functional connectome of arousal and motor brainstem nuclei in living humans by 7 Tesla resting-state fMRI. <i>NeuroImage</i> , 2022, 249, 118865.	2.1	20
472	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2022, 27, 2114-2125.	4.1	25
473	Topological Abnormalities of Pallido-Thalamo-Cortical Circuit in Functional Brain Network of Patients With Nonchemotherapy With Non-small Cell Lung Cancer. <i>Frontiers in Neurology</i> , 2022, 13, 821470.	1.1	3
474	Alteration of the Individual Metabolic Network of the Brain Based on Jensen-Shannon Divergence Similarity Estimation in Elderly Patients With Type 2 Diabetes Mellitus. <i>Diabetes</i> , 2022, 71, 894-905.	0.3	5
475	Impaired Self-Referential Cognitive Processing in Bipolar Disorder: A Functional Connectivity Analysis. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 754600.	1.7	4

#	ARTICLE	IF	CITATIONS
476	Connectome-based predictive modeling of compulsion in obsessive-compulsive disorder. <i>Cerebral Cortex</i> , 2023, 33, 1412-1425.	1.6	4
477	Disrupted topological organization of resting-state functional brain networks in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2022, 43, 2607-2620.	1.9	16
478	Altered Spontaneous Brain Activity and Network Property in Patients With Congenital Monocular Blindness. <i>Frontiers in Neurology</i> , 2022, 13, 789655.	1.1	3
479	Decreasing Shortest Path Length of the Sensorimotor Network Induces Frontal Glioma-Related Epilepsy. <i>Frontiers in Oncology</i> , 2022, 12, 840871.	1.3	5
481	Flattened Structural Network Changes and Association of Hyperconnectivity With Symptom Severity in 7-Year-Old Children With Autism. <i>Frontiers in Neuroscience</i> , 2021, 15, 757838.	1.4	2
483	Distinct brain structural-functional network topological coupling explains different outcomes in tinnitus patients treated with sound therapy. <i>Human Brain Mapping</i> , 2022, 43, 3245-3256.	1.9	9
484	Effect of neuromorphic transcutaneous electrical nerve stimulation (nTENS) of cortical functional networks on tactile perceptions: an event-related electroencephalogram study. <i>Journal of Neural Engineering</i> , 2022, 19, 026017.	1.8	4
485	A dynamic directed transfer function for brain functional network-based feature extraction. <i>Brain Informatics</i> , 2022, 9, 7.	1.8	1
486	Disrupted Brain Functional Network Topology in Essential Tremor Patients With Poor Sleep Quality. <i>Frontiers in Neuroscience</i> , 2022, 16, 814745.	1.4	2
487	Structural connectivity of autonomic, pain, limbic, and sensory brainstem nuclei in living humans based on 7 Tesla and 3 Tesla MRI. <i>Human Brain Mapping</i> , 2022, 43, 3086-3112.	1.9	7
488	Inferring Brain State Dynamics Underlying Naturalistic Stimuli Evoked Emotion Changes With dHA-HMM. <i>Neuroinformatics</i> , 2022, 20, 737-753.	1.5	4
489	Altered Structural Brain Network Topology in Patients With Primary Craniocervical Dystonia. <i>Frontiers in Neurology</i> , 2022, 13, 763305.	1.1	2
490	Dynamical Complexity Fingerprints of Occupation-Dependent Brain Functional Networks in Professional Seafarers. <i>Frontiers in Neuroscience</i> , 2022, 16, 830808.	1.4	4
491	Network analysis shows decreased ipsilesional structural connectivity in glioma patients. <i>Communications Biology</i> , 2022, 5, 258.	2.0	6
492	Brain Network Topology and Structural-Functional Connectivity Coupling Mediate the Association Between Gut Microbiota and Cognition. <i>Frontiers in Neuroscience</i> , 2022, 16, 814477.	1.4	5
493	Functional Integration and Segregation in a Multilayer Network Model of Patients with Schizophrenia. <i>Brain Sciences</i> , 2022, 12, 368.	1.1	8
494	Epilepsy-related white matter network changes in patients with frontal lobe glioma. <i>Journal of Neuroradiology</i> , 2023, 50, 258-265.	0.6	6
495	COVID-19 vicarious traumatization links functional connectome to general distress. <i>NeuroImage</i> , 2022, 255, 119185.	2.1	29

#	ARTICLE	IF	CITATIONS
496	Temporal and Spatial Analysis of Alzheimer's Disease Based on an Improved Convolutional Neural Network and a Resting-State fMRI Brain Functional Network. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4508.	1.2	10
497	Abnormal dynamic functional connectivity in first-episode, drug-naïve adolescents with major depressive disorder. <i>Journal of Neuroscience Research</i> , 2022, 100, 1463-1475.	1.3	6
498	Effect of Shift Work on Cognitive Function in Chinese Coal Mine Workers: A Resting-State fNIRS Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4217.	1.2	4
499	Altered topological properties of the intrinsic functional brain network in patients with right-sided unilateral hearing loss caused by acoustic neuroma. <i>Brain Imaging and Behavior</i> , 2022, 16, 1873-1883.	1.1	4
500	Subthalamic and pallidal stimulation in Parkinson's disease induce distinct brain topological reconstruction. <i>NeuroImage</i> , 2022, 255, 119196.	2.1	2
501	Interleukin-6-white matter network differences explained the susceptibility to depression after stressful life events. <i>Journal of Affective Disorders</i> , 2022, 305, 122-132.	2.0	2
502	Enhancing cortical network-level participation coefficient as a potential mechanism for transfer in cognitive training in aMCI. <i>NeuroImage</i> , 2022, 254, 119124.	2.1	3
503	Topological Characteristics Associated with Intraoperative Stimulation Related Epilepsy of Glioma Patients: A DTI Network Study. <i>Brain Sciences</i> , 2022, 12, 60.	1.1	3
504	Group-Level Ranking-Based Hubness Analysis of Human Brain Connectome Reveals Significant Interhemispheric Asymmetry and Intraparcel Heterogeneities. <i>Frontiers in Neuroscience</i> , 2021, 15, 782995.	1.4	1
505	Altered executive control network connectivity in anti-NMDA receptor encephalitis. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 30-40.	1.7	10
506	Associations of the Disrupted Functional Brain Network and Cognitive Function in End-Stage Renal Disease Patients on Maintenance Hemodialysis: A Graph Theory-Based Study of Resting-State Functional Magnetic Resonance Imaging. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 716719.	1.0	6
507	Effect of APOE ϵ 4 on Functional Brain Network in Patients with Subjective Cognitive Decline: A Resting State Functional MRI Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 9761-9771.	0.8	2
508	Altered Dynamic Functional Connectivity of Cuneus in Schizophrenia Patients: A Resting-State fMRI Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11392.	1.3	23
509	Aberrant Resting-State Functional Connectivity of the Dorsal Attention Network in Tinnitus. <i>Neural Plasticity</i> , 2021, 2021, 1-9.	1.0	4
510	Altered Default Mode Network Is Associated With Cognitive Impairment in CADASIL as Revealed by Multimodal Neuroimaging. <i>Frontiers in Neurology</i> , 2021, 12, 735033.	1.1	1
511	Grey matter connectome abnormalities and age-related effects in antipsychotic-naïve schizophrenia. <i>EBioMedicine</i> , 2021, 74, 103749.	2.7	5
512	Rich-club reorganization of functional brain networks in acute mild traumatic brain injury with cognitive impairment. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 3932-3946.	1.1	7
513	The Local Topological Reconfiguration in the Brain Network After Targeted Hub Dysfunction Attacks in Patients With Juvenile Myoclonic Epilepsy. <i>Frontiers in Neuroscience</i> , 2022, 16, 864040.	1.4	1

#	ARTICLE	IF	CITATIONS
514	The hyper-brain neural couplings distinguishing high-creative group dynamics: an fNIRS hyperscanning study. <i>Cerebral Cortex</i> , 2023, 33, 1630-1642.	1.6	10
542	Disrupted Brain Connectivity Networks in Aphasia Revealed by Resting-State fMRI. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 666301.	1.7	9
543	Graph Convolutional Networks Reveal Network-Level Functional Dysconnectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 881-892.	2.3	18
544	Cerebral Metabolic Network in Patients With Anti-N-Methyl-D-Aspartate Receptor Encephalitis on 18F-FDG PET Imaging. <i>Frontiers in Neuroscience</i> , 2022, 16, 885425.	1.4	3
545	Abnormal intrinsic brain functional network dynamics in patients with cervical spondylotic myelopathy. <i>Cognitive Neurodynamics</i> , 2023, 17, 1201-1211.	2.3	3
546	Methodological evaluation of individual cognitive prediction based on the brain white matter structural connectome. <i>Human Brain Mapping</i> , 2022, 43, 3775-3791.	1.9	9
547	Contralesional Sensorimotor Network Participates in Motor Functional Compensation in Glioma Patients. <i>Frontiers in Oncology</i> , 2022, 12, 882313.	1.3	1
548	Brain network connectivity feature extraction using deep learning for Alzheimer's disease classification. <i>Neuroscience Letters</i> , 2022, 782, 136673.	1.0	3
549	The Altered Pattern of the Functional Connectome Related to Pathological Biomarkers in Individuals for Autism Spectrum Disorder Identification. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	4
550	Altered brain activity and functional networks in school-age boys with severe haemophilia A: A resting-state functional magnetic resonance imaging study. <i>Haemophilia</i> , 2022, , .	1.0	0
551	Abnormal Dynamic Functional Networks in Subjective Cognitive Decline and Alzheimer's Disease. <i>Frontiers in Computational Neuroscience</i> , 2022, 16, 885126.	1.2	5
552	Abnormalities of Structural Brain Connectivity in Pediatric Brain Tumor Survivors. <i>Neuro-Oncology Advances</i> , 0, , .	0.4	0
553	Disrupted Spatiotemporal Complexity of Resting-State Electroencephalogram Dynamics Is Associated With Adaptive and Maladaptive Rumination in Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	3
554	Diurnal variations of resting-state fMRI data: A graph-based analysis. <i>NeuroImage</i> , 2022, 256, 119246.	2.1	16
555	Topologic Reorganization of White Matter Connectivity Networks in Early-Blind Adolescents. <i>Neural Plasticity</i> , 2022, 2022, 1-11.	1.0	1
556	Brain Network Changes in Lumbar Disc Herniation Induced Chronic Nerve Roots Compression Syndromes. <i>Neural Plasticity</i> , 2022, 2022, 1-10.	1.0	3
558	Aberrant topological organization and age-related differences in the human connectome in subjective cognitive decline by using regional morphology from magnetic resonance imaging. <i>Brain Structure and Function</i> , 2022, 227, 2015-2033.	1.2	6
559	White matter structural network alterations in congenital bilateral profound sensorineural hearing loss children: A graph theory analysis. <i>Hearing Research</i> , 2022, 422, 108521.	0.9	2

#	ARTICLE	IF	CITATIONS
560	Topologically Disrupted Gray Matter Networks in Drug-Naïve Essential Tremor Patients With Poor Sleep Quality. <i>Frontiers in Neurology</i> , 2022, 13, 834277.	1.1	0
561	Abnormal Dynamic Functional Connectivity in Patients With End-Stage Renal Disease. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
562	Aberrant Functional Network of Small-World in Sudden Sensorineural Hearing Loss With Tinnitus. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	4
563	In vivo structural connectome of arousal and motor brainstem nuclei by 7 Tesla and 3 Tesla MRI. <i>Human Brain Mapping</i> , 2022, 43, 4397-4421.	1.9	5
564	Reorganized Brain Functional Network Topology in Presbycusis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
565	Self- and Situation-Focused Reappraisal are not homogeneous: Evidence from behavioral and brain networks. <i>Neuropsychologia</i> , 2022, 173, 108282.	0.7	3
566	The distinct disrupted plasticity in structural and functional network in mild stroke with basal ganglia region infarcts. <i>Brain Imaging and Behavior</i> , 2022, 16, 2199-2219.	1.1	6
567	Impaired Functional Homotopy and Topological Properties Within the Default Mode Network of Children With Generalized Tonic-Clonic Seizures: A Resting-State fMRI Study. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	3
568	Dynamic Inter-Brain Networks Correspond With Specific Communication Behaviors: Using Functional Near-Infrared Spectroscopy Hyperscanning During Creative and Non-creative Communication. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	1.0	6
569	Coupling analysis between functional and structural brain networks in Alzheimer's disease. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 8963-8974.	1.0	4
570	Multisite Harmonization of Structural DTI Networks in Children: An A-CAP Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	8
571	Impaired body-centred sensorimotor transformations in congenitally deaf people. <i>Brain Communications</i> , 2022, 4, .	1.5	2
572	Multidimensional Assessment of Electroencephalography in the Neuromodulation of Disorders of Consciousness. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
573	Structural insight into the individual variability architecture of the functional brain connectome. <i>NeuroImage</i> , 2022, 259, 119387.	2.1	12
574	Rich-Club Analysis of Structural Brain Network Alterations in HIV Positive Patients With Fully Suppressed Plasma Viral Loads. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
575	The Clustering Analysis of Time Properties in Patients With Cerebral Small Vessel Disease: A Dynamic Connectivity Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
576	Early Changes in the White Matter Microstructure and Connectome Underlie Cognitive Deficit and Depression Symptoms After Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
577	Individual Brain Morphological Connectome Indicator Based on Jensen-Shannon Divergence Similarity Estimation for Autism Spectrum Disorder Identification. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2

#	ARTICLE	IF	CITATIONS
578	Functional coupling between frontoparietal control subnetworks bridges the default and dorsal attention networks. <i>Brain Structure and Function</i> , 2022, 227, 2243-2260.	1.2	4
580	Brain functional topology differs by sex in cognitively normal older adults. <i>Cerebral Cortex Communications</i> , 2022, 3, .	0.7	2
581	The parcellation of cingulate cortex in neonatal period based on resting-state functional MRI. <i>Cerebral Cortex</i> , 2023, 33, 2548-2558.	1.6	0
582	Reading-related Brain Function Restored to Normal After Articulation Training in Patients with Cleft Lip and Palate: An fMRI Study. <i>Neuroscience Bulletin</i> , 2022, 38, 1215-1228.	1.5	4
583	Neural mechanisms underlying empathy during alcohol abstinence: evidence from connectome-based predictive modeling. <i>Brain Imaging and Behavior</i> , 2022, 16, 2477-2486.	1.1	2
585	Structural Brain Network Abnormalities in Parkinson's Disease With Freezing of Gait. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
586	Structural brain network measures in elderly patients with cerebral small vessel disease and depressive symptoms. <i>BMC Geriatrics</i> , 2022, 22, .	1.1	10
587	The co-activation patterns of multiple brain regions in Juvenile Myoclonic Epilepsy. <i>Cognitive Neurodynamics</i> , 0, , .	2.3	1
588	Developmental differences of large-scale functional brain networks for spoken word processing. <i>Brain and Language</i> , 2022, 231, 105149.	0.8	0
589	Performances of whole-brain dynamic and static functional connectivity fingerprinting in machine learning-based classification of major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
590	Pre-COVID brain functional connectome features prospectively predict emergence of distress symptoms after onset of the COVID-19 pandemic. <i>Psychological Medicine</i> , 2023, 53, 5155-5166.	2.7	7
591	Altered brain network topology in children with auditory processing disorder: A resting-state multi-echo fMRI study. <i>NeuroImage: Clinical</i> , 2022, 35, 103139.	1.4	4
592	Dysfunction of Emotion Regulation in Mild Cognitive Impairment Individuals Combined With Depressive Disorder: A Neural Mechanism Study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	8
593	Suboptimal states and frontoparietal network-centered incomplete compensation revealed by dynamic functional network connectivity in patients with post-stroke cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1
594	Reciprocal modulation between cigarette smoking and internet gaming disorder on participation coefficient within functional brain networks. <i>Brain Imaging and Behavior</i> , 2022, 16, 2011-2020.	1.1	2
595	Antidepressants combined with psychodrama improve the coping style and cognitive control network in patients with childhood trauma-associated major depressive disorder. <i>World Journal of Psychiatry</i> , 2022, 12, 1016-1030.	1.3	4
596	Reproducibility of functional connectivity metrics estimated from resting-state functional MRI with differences in days, coils, and global signal regression. <i>Radiological Physics and Technology</i> , 2022, 15, 298-310.	1.0	2
597	Classification of drug-naive children with attention-deficit/hyperactivity disorder from typical development controls using resting-state fMRI and graph theoretical approach. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	1

#	ARTICLE	IF	CITATIONS
598	Intrinsic brain activity patterns across large-scale networks predict reciprocity propensity. <i>Human Brain Mapping</i> , 2022, 43, 5616-5629.	1.9	3
599	Functional Connectivity as an Index of Brain Changes Following a Unicycle Intervention: A Graph-Theoretical Network Analysis. <i>Brain Sciences</i> , 2022, 12, 1092.	1.1	0
600	A cognitive neurogenetic approach to uncovering the structure of executive functions. <i>Nature Communications</i> , 2022, 13, .	5.8	8
601	A Multimodal Brain Network Fusing Based on Interleaved Hyperedge Neurons Algorithm for Alzheimer's Disease. <i>Computer Science and Application</i> , 2022, 12, 2203-2216.	0.0	0
602	Brain Metabolic Network Redistribution in Patients with White Matter Hyperintensities on MRI Analyzed with an Individualized Index Derived from ¹⁸ F-FDG-PET/MRI. <i>Korean Journal of Radiology</i> , 2022, 23, 986.	1.5	1
603	Effects of Long-Term Exposure to 2260 m Altitude on Working Memory and Resting-State Activity in the Prefrontal Cortex: A Large-Sample Cross-Sectional Study. <i>Brain Sciences</i> , 2022, 12, 1148.	1.1	0
604	Analysis on topological alterations of functional brain networks after acute alcohol intake using resting-state functional magnetic resonance imaging and graph theory. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
605	Is frontoparietal electroencephalogram activity related to the level of functional disability in patients emerging from a minimally conscious state? A preliminary study. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	2
606	Is Brain Network Efficiency Reduced in Young Survivors of Acute Lymphoblastic Leukemia? Evidence from Individual-Based Morphological Brain Network Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 5362.	1.0	1
607	Altered topological organization of resting-state functional networks in children with infantile spasms. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
608	Alteration of resting-state functional connectivity network properties in patients with social anxiety disorder after virtual reality-based self-training. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
609	Altered gray matter structural covariance networks in drug-naïve and treated early HIV-infected individuals. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
610	Impaired Brain Information Transmission Efficiency and Flexibility in Parkinson's Disease and Rapid Eye Movement Sleep Behavior Disorder: Evidence from Functional Connectivity and Functional Dynamics. <i>Parkinson's Disease</i> , 2022, 2022, 1-10.	0.6	0
611	Brain connectomes in youth at risk for serious mental illness: an exploratory analysis. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	1
612	Transdiagnostic profiles of behaviour and communication relate to academic and socioemotional functioning and neural white matter organisation. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2023, 64, 217-233.	3.1	5
614	Evaluation of individual-based morphological brain network alterations in children with attention-deficit/hyperactivity disorder: a multi-method investigation. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 2281-2289.	2.8	7
615	Treatment-Specific Network Modulation of MRI-Guided Focused Ultrasound Thalamotomy in Essential Tremor. <i>Neurotherapeutics</i> , 2022, 19, 1920-1931.	2.1	5
616	The relevance of heterotopic callosal fibers to interhemispheric connectivity of the mammalian brain. <i>Cerebral Cortex</i> , 2023, 33, 4752-4760.	1.6	6

#	ARTICLE	IF	CITATIONS
617	Upper-Limb Amputation Disrupts the Interhemispheric Structural Rather than Functional Connectivity. Brain Connectivity, 0, , .	0.8	0
618	Functional whole-brain mechanisms underlying effects of tDCS on athletic performance of male rowing athletes revealed by resting-state fMRI. Frontiers in Psychology, 0, 13, .	1.1	2
619	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
620	Meta-connectomic analysis maps consistent, reproducible, and transcriptionally relevant functional connectome hubs in the human brain. Communications Biology, 2022, 5, .	2.0	10
621	Topological patterns of motor networks in Parkinsonâ€™s disease with different sides of onset: A resting-state-informed structural connectome study. Frontiers in Aging Neuroscience, 0, 14, .	1.7	0
622	Cortical gradient of a human functional similarity network captured by the geometry of cytoarchitectonic organization. Communications Biology, 2022, 5, .	2.0	2
623	White matter structural and network topological changes in moyamoya disease with limb paresthesia: A study based on diffusion kurtosis imaging. Frontiers in Neuroscience, 0, 16, .	1.4	0
624	Aberrant resting-state functional connectivity and topological properties of the subcortical network in functional dyspepsia patients. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	2
625	Altered regional homogeneity and functional connectivity of brain activity in young HIV-infected patients with asymptomatic neurocognitive impairment. Frontiers in Neurology, 0, 13, .	1.1	3
626	Diagnosis of Parkinsonâ€™s disease using EEG and fMRI. Multimedia Tools and Applications, 2023, 82, 14915-14928.	2.6	3
627	Resting-state functional connectivity alteration in elderly patients with knee osteoarthritis and declined cognition: An observational study. Frontiers in Aging Neuroscience, 0, 14, .	1.7	6
628	Highly connected and highly variable: A Core brain network during resting state supports Propofolâ€nduced unconsciousness. Human Brain Mapping, 0, , .	1.9	4
629	Neuromodulation of brain power topography and network topology by prefrontal transcranial photobiomodulation. Journal of Neural Engineering, 2022, 19, 066013.	1.8	8
630	Altered neural mechanism of social reward anticipation in individuals with schizophrenia and social anhedonia. European Archives of Psychiatry and Clinical Neuroscience, 2023, 273, 1029-1039.	1.8	3
631	Brain structural network to investigate the mechanism of cognitive impairment in patients with acoustic neuroma. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2
632	Association of homotopic areas in the right hemisphere with language deficits in the short term after tumor resection. Journal of Neurosurgery, 2022, , 1-10.	0.9	1
633	Disrupted topological organization of functional brain networks is associated with cognitive impairment in hypertension patients: a resting-state fMRI study. Neuroradiology, 0, , .	1.1	1
634	Combined brain network topological metrics with machine learning algorithms to identify essential tremor. Frontiers in Neuroscience, 0, 16, .	1.4	2

#	ARTICLE	IF	CITATIONS
635	Individualized prediction of trait self-control from whole-brain functional connectivity. <i>Psychophysiology</i> , 2023, 60, .	1.2	1
636	Trade-offs among cost, integration, and segregation in the human connectome. <i>Network Neuroscience</i> , 0, , 1-60.	1.4	0
637	Different Dynamic Nodal Properties Contribute to Cognitive Impairment in Patients with White Matter Hyperintensities. <i>Brain Sciences</i> , 2022, 12, 1527.	1.1	0
638	Structural network efficiency mediates the association between glymphatic function and cognition in mild VCI: a DTI-ALPS study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
639	Superior temporal gyrus and cerebellar loops predict nonsuicidal self-injury in major depressive disorder patients by multimodal neuroimaging. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	4
640	Alteration of brain nuclei in obese children with and without Prader-Willi syndrome. <i>Frontiers in Neuroinformatics</i> , 0, 16, .	1.3	1
641	Intrinsic Organization of Occipital Hubs Predicts Depression: A Resting-State fNIRS Study. <i>Brain Sciences</i> , 2022, 12, 1562.	1.1	1
642	Functional-structural large-scale brain networks are correlated with neurocognitive impairment in acute mild traumatic brain injury. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, .	1.1	2
643	Brain-clinical signatures for vagus nerve stimulation response. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 855-865.	1.9	4
644	Attenuated effective connectivity of large-scale brain networks in children with autism spectrum disorders. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
646	Disrupted topological organization of the motor execution network in Wilson's disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
647	Aberrant dynamic functional network connectivity in type 2 diabetes mellitus individuals. <i>Cognitive Neurodynamics</i> , 2023, 17, 1525-1539.	2.3	1
648	Constructing brain functional network by Adversarial Temporal-Spatial Aligned Transformer for early AD analysis. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
649	Associations between disrupted functional brain network topology and cognitive impairment in patients with rectal cancer during chemotherapy. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
650	Neuroinflammation is independently associated with brain network dysfunction in Alzheimer's disease. <i>Molecular Psychiatry</i> , 2023, 28, 1303-1311.	4.1	22
651	Disrupted topological organization of functional brain networks in Alzheimer's disease patients with depressive symptoms. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	5
652	Low-dissipation optimization of the prefrontal cortex in the 12° head-down tilt position: A functional near-infrared spectroscopy study. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	0
653	Enlarged choroid plexus related to cortical atrophy in multiple sclerosis. <i>European Radiology</i> , 2023, 33, 2916-2926.	2.3	9

#	ARTICLE	IF	CITATIONS
654	Short-term Medication Effects on Brain Functional Activity and Network Architecture in First-Episode psychosis: a longitudinal fMRI study. <i>Brain Imaging and Behavior</i> , 2023, 17, 137-148.	1.1	3
655	Global iterative optimization framework for predicting cognitive function statuses of patients with <scp>endâ€stage</scp> renal disease. <i>International Journal of Imaging Systems and Technology</i> , 2023, 33, 837-852.	2.7	3
657	Addictive brain-network identification by spatial attention recurrent network with feature selection. <i>Brain Informatics</i> , 2023, 10, .	1.8	4
658	<scp>PhiPipe</scp>: A multiâ€modal <scp>MRI</scp> data processing pipeline with testâ€retest reliability and predicative validity assessments. <i>Human Brain Mapping</i> , 2023, 44, 2062-2084.	1.9	4
659	Altered White Matter Network Topology in Panic Disorder. <i>Journal of Personalized Medicine</i> , 2023, 13, 227.	1.1	1
661	Individual differences in harmâ€related moral values are associated with functional integration of largeâ€scale brain networks of emotional regulation. <i>Journal of Neuropsychology</i> , 2023, 17, 335-350.	0.6	1
662	Cognitive State Analysis, Understanding, and Decoding from the Perspective of Brain Connectivity. , 2023, , 2733-2767.		0
663	Study of brain network alternations in non-lesional epilepsy patients by BOLD-fMRI. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
664	Enhanced brain parcellation via abnormality inpainting for neuroimage-based consciousness evaluation of hydrocephalus patients by lumbar drainage. <i>Brain Informatics</i> , 2023, 10, .	1.8	1
666	Brain-Imaging Mechanisms on Female Abdominal Obesity Treated by â€Shu-Muâ€Acupoint Catgut Embedding and Compatibility Relation: Study Protocol for a 12-Week Randomized Controlled Trial. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 16, 733-747.	1.1	0
667	Construction of an individualized brain metabolic network in patients with advanced non-small cell lung cancer by the Kullback-Leibler divergence-based similarity method: A study based on 18F-fluorodeoxyglucose positron emission tomography. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
669	Altering patterns of sensorimotor network in patients with different pathological diagnoses and gliomaâ€related epilepsy under the latest glioma classification of the central nervous system. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 1368-1378.	1.9	4
670	Brain network deficits in breast cancer patients after early neoadjuvant chemotherapy: A longitudinal <scp>MRI</scp> study. <i>Journal of Neuroscience Research</i> , 2023, 101, 1138-1153.	1.3	2
671	Aberrant degree centrality of functional brain networks in subclinical depression and major depressive disorder. <i>Frontiers in Psychiatry</i> , 0, 14, .	1.3	4
672	Atypical functional hierarchy contributed to the tinnitus symptoms in patients with vestibular schwannoma. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
673	Multimodal and hemispheric graph-theoretical brain network predictors of learning efficacy for frontal alpha asymmetry neurofeedback. <i>Cognitive Neurodynamics</i> , 0, , .	2.3	1
674	Network-Based Differences in Topâ€Down Multisensory Integration between Adult ADHD and Healthy Controlsâ€A Diffusion MRI Study. <i>Brain Sciences</i> , 2023, 13, 388.	1.1	0
676	Altered neuroimaging patterns of cerebellum and cognition underlying the gait and balance dysfunction in cerebral small vessel disease. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	2

#	ARTICLE	IF	CITATIONS
677	Individual differences in beta-band oscillations predict motor-inhibitory control. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
678	Brain network analysis for the discrimination of dementia disorders using electrophysiology signals: A systematic review. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	3
679	The alterations of brain network degree centrality in patients with neovascular glaucoma: a resting-state fMRI study. <i>Neurological Sciences</i> , 2023, 44, 2915-2922.	0.9	1
680	Richer than we thought: neurophysiological methods reveal rich-club network development is frequency- and sex-dependent. <i>IScience</i> , 2023, 26, 106384.	1.9	0
681	Network analysis reveals abnormal functional brain circuitry in anxious dogs. <i>PLoS ONE</i> , 2023, 18, e0282087.	1.1	3
682	Abnormal metabolic connectivity in default mode network of right temporal lobe epilepsy. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
683	Aberrant modular segregation of brain networks in female patients with bulimia nervosa. <i>International Journal of Eating Disorders</i> , 0, , .	2.1	1
684	Mapping the long-term delayed recall-based cortex-hippocampus network constrained by the structural and functional connectome: a case-control multimodal MRI study. <i>Alzheimer's Research and Therapy</i> , 2023, 15, .	3.0	2
685	Electroencephalography Based Microstate Functional Connectivity Analysis in Emotional Cognitive Reappraisal Combined with Happy Music. <i>Brain Sciences</i> , 2023, 13, 554.	1.1	3
686	Structural alterations of the salience network in patients with insular glioma. <i>Brain and Behavior</i> , 0, , .	1.0	1
687	Discriminative analysis of schizophrenia patients using graph convolutional networks: A combined multimodal MRI and connectomics analysis. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
688	Evaluation of Anxiety State Discrimination by Recurrent Neural Network using the Connectivity of Brain Function Network by EEG. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2023, 143, 430-440.	0.1	0
690	Altered Resting-State Functional Networks in Nondialysis Patients with Stage 5 Chronic Kidney Disease: A Graph-Theoretical Analysis. <i>Brain Sciences</i> , 2023, 13, 628.	1.1	0
691	Local Brain Network Alterations and Olfactory Impairment in Alzheimer's Disease: An fMRI and Graph-Based Study. <i>Brain Sciences</i> , 2023, 13, 631.	1.1	1
692	Identifying the engagement of a brain network during a targeted tDCS-fMRI experiment using a machine learning approach. <i>PLoS Computational Biology</i> , 2023, 19, e1011012.	1.5	1
694	Altered limbic functional connectivity in individuals with subjective cognitive decline: Converging and diverging findings across Chinese and German cohorts. <i>Alzheimer's and Dementia</i> , 0, , .	0.4	4
717	GCN-based group level analysis of brain functional connectivity in fMRI. , 2023, , .		0
719	Graph Theory-Based Approach in Brain Connectivity Modeling and Alzheimer's Disease Detection. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 49-58.	0.8	0

#	ARTICLE	IF	CITATIONS
729	Application of Graph Theoretic measures for assessing efficacy of Stroke Rehabilitation. , 2023, , .		0
748	Combined Evaluation of T1 and Diffusion MRI Improves the Noninvasive Prediction of H3K27M Mutation in Brainstem Gliomas. IFMBE Proceedings, 2024, , 197-204.	0.2	0
750	Developmental Pattern of Individual Morphometric Similarity Network in the Human Fetal Brain. IFMBE Proceedings, 2024, , 113-120.	0.2	0