

Cortical Hubs Revealed by Intrinsic Functional Connectivity Stability, and Relation to Alzheimer's Disease

Journal of Neuroscience

29, 1860-1873

DOI: [10.1523/jneurosci.5062-08.2009](https://doi.org/10.1523/jneurosci.5062-08.2009)

Citation Report

#	ARTICLE	IF	CITATIONS
2	SEQUENTIAL STUDY OF THE IMPAIRMENT OF THYROID FUNCTION IN THE EARLY STAGE OF SUBACUTE THYROIDITIS. <i>European Journal of Endocrinology</i> , 1974, 77, 26-34.	1.9	46
3	Large-Scale Functional Brain Network Abnormalities in Alzheimer's Disease: Insights from Functional Neuroimaging. <i>Behavioural Neurology</i> , 2009, 21, 63-75.	1.1	156
4	Modeling the Impact of Lesions in the Human Brain. <i>PLoS Computational Biology</i> , 2009, 5, e1000408.	1.5	492
5	Spontaneous Brain Activity in the Default Mode Network Is Sensitive to Different Resting-State Conditions with Limited Cognitive Load. <i>PLoS ONE</i> , 2009, 4, e5743.	1.1	290
6	Functional connectivity for somatosensory and motor cortex in spastic diplegia. <i>Somatosensory & Motor Research</i> , 2009, 26, 90-104.	0.4	62
7	Evidence from intrinsic activity that asymmetry of the human brain is controlled by multiple factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20499-20503.	3.3	333
8	A Reporter of Local Dendritic Translocation Shows Plaque- Related Loss of Neural System Function in APP-Transgenic Mice. <i>Journal of Neuroscience</i> , 2009, 29, 12636-12640.	1.7	54
9	Human brain networks in health and disease. <i>Current Opinion in Neurology</i> , 2009, 22, 340-347.	1.8	763
10	Specific somatotopic organization of functional connections of the primary motor network during resting state. <i>Human Brain Mapping</i> , 2010, 31, 631-644.	1.9	67
11	The effect of model order selection in group PICA. <i>Human Brain Mapping</i> , 2010, 31, 1207-1216.	1.9	324
12	Beta-Amyloid Deposition and the Aging Brain. <i>Neuropsychology Review</i> , 2009, 19, 436-450.	2.5	156
13	Resting state default-mode network connectivity in early depression using a seed region-of-interest analysis: Decreased connectivity with caudate nucleus. <i>Psychiatry and Clinical Neurosciences</i> , 2009, 63, 754-761.	1.0	260
14	Defining Neurocognitive Networks in the BOLD New World of Computed Connectivity. <i>Neuron</i> , 2009, 62, 1-3.	3.8	63
15	Amyloid Deposition Is Associated with Impaired Default Network Function in Older Persons without Dementia. <i>Neuron</i> , 2009, 63, 178-188.	3.8	899
16	Disruption of Functional Connectivity in Clinically Normal Older Adults Harboring Amyloid Burden. <i>Journal of Neuroscience</i> , 2009, 29, 12686-12694.	1.7	530
17	Efficiency of Functional Brain Networks and Intellectual Performance. <i>Journal of Neuroscience</i> , 2009, 29, 7619-7624.	1.7	1,003
18	Segregated Fronto-Cerebellar Circuits Revealed by Intrinsic Functional Connectivity. <i>Cerebral Cortex</i> , 2009, 19, 2485-2497.	1.6	680
19	Community structure in networks of functional connectivity: Resolving functional organization in the rat brain with pharmacological MRI. <i>NeuroImage</i> , 2009, 47, 302-311.	2.1	52

#	ARTICLE	IF	CITATIONS
20	Resting-state BOLD networks versus task-associated functional MRI for distinguishing Alzheimer's disease risk groups. <i>NeuroImage</i> , 2009, 47, 1678-1690.	2.1	201
21	Theoretical approaches to the diagnosis of altered states of consciousness. <i>Progress in Brain Research</i> , 2009, 177, 383-398.	0.9	44
22	Investigating the Functional Heterogeneity of the Default Mode Network Using Coordinate-Based Meta-Analytic Modeling. <i>Journal of Neuroscience</i> , 2009, 29, 14496-14505.	1.7	510
23	GABAergic Hub Neurons Orchestrate Synchrony in Developing Hippocampal Networks. <i>Science</i> , 2009, 326, 1419-1424.	6.0	593
24	Mapping brain β -amyloid. <i>Current Opinion in Neurology</i> , 2009, 22, 356-361.	1.8	23
25	What can spontaneous fluctuations of the blood oxygenation-level-dependent signal tell us about psychiatric disorders?. <i>Current Opinion in Psychiatry</i> , 2010, 23, 239-249.	3.1	137
26	Consistent pivotal role of posterior cingulate cortex in the default mode network revealed by partial correlation analysis. , 2010, , .		0
28	Evidence for the Default Network's Role in Spontaneous Cognition. <i>Journal of Neurophysiology</i> , 2010, 104, 322-335.	0.9	561
29	Network scaling effects in graph analytic studies of human resting-state fMRI data. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 22.	1.2	338
30	Graph-based network analysis of resting-state functional MRI. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 16.	1.2	453
31	Graph theoretical modeling of brain connectivity. <i>Current Opinion in Neurology</i> , 2010, 23, 341-350.	1.8	597
32	Functional-Anatomic Fractionation of the Brain's Default Network. <i>Neuron</i> , 2010, 65, 550-562.	3.8	2,333
33	Evaluation of data-driven network analysis approaches for functional connectivity MRI. <i>Brain Structure and Function</i> , 2010, 215, 129-140.	1.2	9
34	Graph theoretical analysis of structural and functional connectivity MRI in normal and pathological brain networks. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 409-421.	1.1	245
35	Resting developments: a review of fMRI post-processing methodologies for spontaneous brain activity. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 289-307.	1.1	209
36	Functional Alterations in Memory Networks in Early Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2010, 12, 27-43.	1.8	497
37	Development of the Brain's Functional Network Architecture. <i>Neuropsychology Review</i> , 2010, 20, 362-375.	2.5	109
38	Hypothetical model of dynamic biomarkers of the Alzheimer's pathological cascade. <i>Lancet Neurology</i> , The, 2010, 9, 119-128.	4.9	3,792

#	ARTICLE	IF	CITATIONS
39	Functional connectivity: A source of variance in the association between cardiorespiratory fitness and cognition?. <i>Neuropsychologia</i> , 2010, 48, 1394-1406.	0.7	221
40	MR connectomics: Principles and challenges. <i>Journal of Neuroscience Methods</i> , 2010, 194, 34-45.	1.3	251
41	Signatures of memory: brain coactivations during retrieval distinguish correct from incorrect recollection. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 18.	1.0	23
42	Face-Specific Resting Functional Connectivity between the Fusiform Gyrus and Posterior Superior Temporal Sulcus. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 176.	1.0	66
43	Conditional Mutual Information Maps as Descriptors of Net Connectivity Levels in the Brain. <i>Frontiers in Neuroinformatics</i> , 2010, 4, 115.	1.3	35
44	Ten challenges for decision neuroscience. <i>Frontiers in Neuroscience</i> , 2010, 4, .	1.4	18
45	The 7th Leonard Berg Symposium, Part 3. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 315-321.	1.2	0
46	Controlled Memory Processes in Questionable Alzheimer's Disease: A View from Neuroimaging Research. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 547-560.	1.2	21
47	Human Neuroscience and the Aging Mind: A New Look at Old Problems. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2010, 65B, 405-415.	2.4	328
48	Functional connectivity density mapping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9885-9890.	3.3	546
49	Correlated Low-Frequency BOLD Fluctuations in the Resting Human Brain Are Modulated by Recent Experience in Category-Preferential Visual Regions. <i>Cerebral Cortex</i> , 2010, 20, 1997-2006.	1.6	167
50	Graph theoretical analysis of functional brain networks during Alzheimer's disease. , 2010, , .		2
52	Alzheimer Research Series on the Default Network. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 747-758.	1.2	6
53	Intrinsic Functional Connectivity As a Tool For Human Connectomics: Theory, Properties, and Optimization. <i>Journal of Neurophysiology</i> , 2010, 103, 297-321.	0.9	1,667
54	Human functional connectivity: New tools, unresolved questions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10769-10770.	3.3	73
55	Ultrafast method for mapping local functional connectivity hubs in the human brain. , 2010, 2010, 4274-7.		14
56	Double dissociation of two cognitive control networks in patients with focal brain lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12017-12022.	3.3	169
57	The Organization of Local and Distant Functional Connectivity in the Human Brain. <i>PLoS Computational Biology</i> , 2010, 6, e1000808.	1.5	362

#	ARTICLE	IF	CITATIONS
58	Increased metabolic vulnerability in early-onset Alzheimer's disease is not related to amyloid burden. <i>Brain</i> , 2010, 133, 512-528.	3.7	242
59	Electro-acupuncture at different acupoints modulating the relative specific brain functional network. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
61	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2010, 5, e10232.	1.1	406
62	Patterns of Brain Activity Supporting Autobiographical Memory, Prospection, and Theory of Mind, and Their Relationship to the Default Mode Network. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1112-1123.	1.1	865
63	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	3.3	2,703
64	A Shift to Randomness of Brain Oscillations in People with Autism. <i>Biological Psychiatry</i> , 2010, 68, 1092-1099.	0.7	145
65	What Can Be Inferred from the Interruption of the Semagacestat Trial for Treatment of Alzheimer's Disease?. <i>Biological Psychiatry</i> , 2010, 68, 876-878.	0.7	60
66	Do inter-regional gray-matter volumetric correlations reflect altered functional connectivity in high-risk offspring of schizophrenia patients?. <i>Schizophrenia Research</i> , 2010, 118, 62-68.	1.1	25
67	Can structure predict function in the human brain?. <i>NeuroImage</i> , 2010, 52, 766-776.	2.1	537
68	Mapping Alzheimer's disease progression in 1309 MRI scans: Power estimates for different inter-scan intervals. <i>NeuroImage</i> , 2010, 51, 63-75.	2.1	79
69	Brain resting state is disrupted in chronic back pain patients. <i>Neuroscience Letters</i> , 2010, 485, 26-31.	1.0	163
70	Extensive video-game experience alters cortical networks for complex visuomotor transformations. <i>Cortex</i> , 2010, 46, 1165-1177.	1.1	78
71	Intrinsic functional connectivity of the periaqueductal gray, a resting fMRI study. <i>Behavioural Brain Research</i> , 2010, 211, 215-219.	1.2	169
72	Involvement of retrosplenial cortex in classical conditioning. <i>Behavioural Brain Research</i> , 2010, 214, 231-239.	1.2	13
73	Automated MRI measures predict progression to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 1364-1374.	1.5	91
74	The Development of Human Functional Brain Networks. <i>Neuron</i> , 2010, 67, 735-748.	3.8	668
75	Two views of brain function. <i>Trends in Cognitive Sciences</i> , 2010, 14, 180-190.	4.0	916
76	Identifying the brain's most globally connected regions. <i>NeuroImage</i> , 2010, 49, 3132-3148.	2.1	518

#	ARTICLE	IF	CITATIONS
77	Exploring the brain network: A review on resting-state fMRI functional connectivity. <i>European Neuropsychopharmacology</i> , 2010, 20, 519-534.	0.3	2,656
78	Ringling Ears: The Neuroscience of Tinnitus: Figure 1.. <i>Journal of Neuroscience</i> , 2010, 30, 14972-14979.	1.7	508
79	Reliable intrinsic connectivity networks: Test-retest evaluation using ICA and dual regression approach. <i>NeuroImage</i> , 2010, 49, 2163-2177.	2.1	693
80	Comparison of characteristics between region-and voxel-based network analyses in resting-state fMRI data. <i>NeuroImage</i> , 2010, 50, 499-508.	2.1	341
81	Graph-theory based parcellation of functional subunits in the brain from resting-state fMRI data. <i>NeuroImage</i> , 2010, 50, 1027-1035.	2.1	184
82	Functional Connectivity of the Macaque Posterior Parahippocampal Cortex. <i>Journal of Neurophysiology</i> , 2010, 103, 793-800.	0.9	40
83	Resting-state functional MRI in depression unmasks increased connectivity between networks via the dorsal nexus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11020-11025.	3.3	1,032
84	Imaging the Functional Connectivity of the Periaqueductal Gray during Genuine and Sham Electroacupuncture Treatment. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-80.	1.0	75
85	Regional aerobic glycolysis in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17757-17762.	3.3	537
86	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2011, 106, 1125-1165.	0.9	6,420
87	Altered functional-structural coupling of large-scale brain networks in idiopathic generalized epilepsy. <i>Brain</i> , 2011, 134, 2912-2928.	3.7	486
88	How reliable are the functional connectivity networks of MEG in resting states?. <i>Journal of Neurophysiology</i> , 2011, 106, 2888-2895.	0.9	60
90	Association between Functional Connectivity Hubs and Brain Networks. <i>Cerebral Cortex</i> , 2011, 21, 2003-2013.	1.6	375
91	The Functional Architecture of the Infant Brain as Revealed by Resting-State fMRI. <i>Cerebral Cortex</i> , 2011, 21, 145-154.	1.6	447
92	Disrupted Axonal Fiber Connectivity in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 80-89.	0.7	404
93	An Anterior-to-Posterior Shift in Midline Cortical Activity in Schizophrenia During Self-Reflection. <i>Biological Psychiatry</i> , 2011, 69, 415-423.	0.7	149
94	The Neural Architecture of the Language Comprehension Network: Converging Evidence from Lesion and Connectivity Analyses. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 1.	1.2	749
95	Decreased Interhemispheric Functional Connectivity in Autism. <i>Cerebral Cortex</i> , 2011, 21, 1134-1146.	1.6	376

#	ARTICLE	IF	CITATIONS
96	Sensory Network Dysfunction, Behavioral Impairments, and Their Reversibility in an Alzheimer's β -Amyloidosis Mouse Model. <i>Journal of Neuroscience</i> , 2011, 31, 15962-15971.	1.7	123
97	Solving future problems: Default network and executive activity associated with goal-directed mental simulations. <i>NeuroImage</i> , 2011, 55, 1816-1824.	2.1	202
98	Non-parametric model selection for subject-specific topological organization of resting-state functional connectivity. <i>NeuroImage</i> , 2011, 56, 1453-1462.	2.1	7
99	Resting-state networks in the macaque at 7T. <i>NeuroImage</i> , 2011, 56, 1546-1555.	2.1	131
100	Functional connectivity MRI in infants: Exploration of the functional organization of the developing brain. <i>NeuroImage</i> , 2011, 56, 1437-1452.	2.1	204
101	Large-scale directional connections among multi resting-state neural networks in human brain: A functional MRI and Bayesian network modeling study. <i>NeuroImage</i> , 2011, 56, 1035-1042.	2.1	49
102	An fMRI investigation of the fronto-striatal learning system in women who exhibit eating disorder behaviors. <i>NeuroImage</i> , 2011, 56, 1749-1757.	2.1	31
103	Characterizing dynamic functional connectivity in the resting brain using variable parameter regression and Kalman filtering approaches. <i>NeuroImage</i> , 2011, 56, 1222-1234.	2.1	105
104	Weight-conserving characterization of complex functional brain networks. <i>NeuroImage</i> , 2011, 56, 2068-2079.	2.1	774
105	Dynamic neural networks supporting memory retrieval. <i>NeuroImage</i> , 2011, 57, 608-616.	2.1	123
106	A tutorial in connectome analysis: Topological and spatial features of brain networks. <i>NeuroImage</i> , 2011, 57, 892-907.	2.1	307
107	A whole-brain voxel based measure of intrinsic connectivity contrast reveals local changes in tissue connectivity with anesthetic without a priori assumptions on thresholds or regions of interest. <i>NeuroImage</i> , 2011, 58, 1044-1050.	2.1	138
108	Regional contraction of brain surface area involves three large-scale networks in schizophrenia. <i>Schizophrenia Research</i> , 2011, 129, 163-168.	1.1	73
109	Striatal functional connectivity networks are modulated by fMRI resting state conditions. <i>NeuroImage</i> , 2011, 54, 380-388.	2.1	25
110	Associations and dissociations between default and self-reference networks in the human brain. <i>NeuroImage</i> , 2011, 55, 225-232.	2.1	349
111	Negative edges and soft thresholding in complex network analysis of resting state functional connectivity data. <i>NeuroImage</i> , 2011, 55, 1132-1146.	2.1	208
112	Neuronal activity regulates the regional vulnerability to amyloid- β deposition. <i>Nature Neuroscience</i> , 2011, 14, 750-756.	7.1	744
113	Genetic Influences on Cost-Efficient Organization of Human Cortical Functional Networks. <i>Journal of Neuroscience</i> , 2011, 31, 3261-3270.	1.7	273

#	ARTICLE	IF	CITATIONS
114	Effect of <i>APOE</i> ϵ 4 Status on Intrinsic Network Connectivity in Cognitively Normal Elderly Subjects. <i>Archives of Neurology</i> , 2011, 68, 1131.	4.9	197
115	Persistent operational synchrony within brain default-mode network and self-processing operations in healthy subjects. <i>Brain and Cognition</i> , 2011, 75, 79-90.	0.8	61
116	Neural correlates of the interactive relationship between memory deficits and depressive symptoms in nondemented elderly: Resting fMRI study. <i>Behavioural Brain Research</i> , 2011, 219, 205-212.	1.2	41
117	Brain Graphs: Graphical Models of the Human Brain Connectome. <i>Annual Review of Clinical Psychology</i> , 2011, 7, 113-140.	6.3	943
118	Connectivity pattern changes in default-mode network with deep non-REM and REM sleep. <i>Neuroscience Research</i> , 2011, 69, 322-330.	1.0	105
119	Understanding complexity in the human brain. <i>Trends in Cognitive Sciences</i> , 2011, 15, 200-209.	4.0	393
120	Large-scale brain networks and psychopathology: a unifying triple network model. <i>Trends in Cognitive Sciences</i> , 2011, 15, 483-506.	4.0	2,937
121	Lifespan brain activity, β -amyloid, and Alzheimer's disease. <i>Trends in Cognitive Sciences</i> , 2011, 15, 520-526.	4.0	186
122	Dissecting functional connectivity of neuronal microcircuits: experimental and theoretical insights. <i>Trends in Neurosciences</i> , 2011, 34, 225-236.	4.2	159
123	Neuroimaging markers for the prediction and early diagnosis of Alzheimer's disease dementia. <i>Trends in Neurosciences</i> , 2011, 34, 430-442.	4.2	309
124	Biomarkers for Alzheimer's disease therapeutic trials. <i>Progress in Neurobiology</i> , 2011, 95, 579-593.	2.8	119
125	Functional magnetic resonance imaging as a dynamic candidate biomarker for Alzheimer's disease. <i>Progress in Neurobiology</i> , 2011, 95, 557-569.	2.8	53
126	Recent developments of functional magnetic resonance imaging research for drug development in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2011, 95, 570-578.	2.8	22
127	The potential of functional MRI as a biomarker in early Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011, 32, S37-S43.	1.5	134
128	Functional Network Organization of the Human Brain. <i>Neuron</i> , 2011, 72, 665-678.	3.8	3,485
130	Magnetic Resonance Imaging and Graph Theoretical Analysis of Complex Brain Networks in Neuropsychiatric Disorders. <i>Brain Connectivity</i> , 2011, 1, 349-365.	0.8	88
131	Spontaneous fMRI activity during resting wakefulness and sleep. <i>Progress in Brain Research</i> , 2011, 193, 295-305.	0.9	21
132	Functional connectivity hubs in the human brain. <i>NeuroImage</i> , 2011, 57, 908-917.	2.1	315

#	ARTICLE	IF	CITATIONS
133	Default Mode of Brain Function in Monkeys. <i>Journal of Neuroscience</i> , 2011, 31, 12954-12962.	1.7	278
135	Arterial Spin Labeling Perfusion MRI in Alzheimers Disease. <i>Current Medical Imaging</i> , 2011, 7, 62-72.	0.4	3
136	The Default Mode Network in Healthy Aging and Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-9.	1.1	215
137	Extraction of Network Topology From Multi-Electrode Recordings: Is there a Small-World Effect?. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 4.	1.2	93
138	The Non-Random Brain: Efficiency, Economy, and Complex Dynamics. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 5.	1.2	194
139	Changes in Cognitive State Alter Human Functional Brain Networks. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 83.	1.0	86
140	Functional embedding predicts the variability of neural activity. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 90.	1.2	73
141	Quantifying the Link between Anatomical Connectivity, Gray Matter Volume and Regional Cerebral Blood Flow: An Integrative MRI Study. <i>PLoS ONE</i> , 2011, 6, e14801.	1.1	42
142	Interaction between Dysfunctional Connectivity at Rest and Heroin Cues-Induced Brain Responses in Male Abstinent Heroin-Dependent Individuals. <i>PLoS ONE</i> , 2011, 6, e23098.	1.1	39
143	Specifically Progressive Deficits of Brain Functional Marker in Amnesic Type Mild Cognitive Impairment. <i>PLoS ONE</i> , 2011, 6, e24271.	1.1	76
144	Personality Is Reflected in the Brain's Intrinsic Functional Architecture. <i>PLoS ONE</i> , 2011, 6, e27633.	1.1	254
145	Measuring the fading consciousness in the human brain. <i>Current Opinion in Neurology</i> , 2011, 24, 394-400.	1.8	38
146	Deficits in Functional Connectivity of Hippocampal and Frontal Lobe Circuits After Traumatic Axonal Injury. <i>Archives of Neurology</i> , 2011, 68, 74-84.	4.9	98
147	THE QUEST FOR BIOMARKERS OF ALZHEIMER'S DISEASE. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 377-378.	1.3	0
148	FUNCTIONAL ABNORMALITIES AND CEREBRAL ATROPHY IN POSTTRAUMATIC STRESS DISORDER AND DEMENTIA: IS THERE A CAUSAL LINK BETWEEN THE TWO DISEASES?. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 378-379.	1.3	0
149	The human connectome: a complex network. <i>Annals of the New York Academy of Sciences</i> , 2011, 1224, 109-125.	1.8	1,134
150	The influence of emotional distraction on verbal working memory: An fMRI investigation comparing individuals with schizophrenia and healthy adults. <i>Journal of Psychiatric Research</i> , 2011, 45, 1184-1193.	1.5	31
151	Disrupted energy metabolism and neuronal circuit dysfunction in cognitive impairment and Alzheimer's disease. <i>Lancet Neurology</i> , The, 2011, 10, 187-198.	4.9	463

#	ARTICLE	IF	CITATIONS
152	Functional network disruption in the degenerative dementias. <i>Lancet Neurology</i> , The, 2011, 10, 829-843.	4.9	422
153	The concept of FDG-PET endophenotype in Alzheimer's disease. <i>Neurological Sciences</i> , 2011, 32, 559-569.	0.9	12
154	Resting-state brain networks: literature review and clinical applications. <i>Neurological Sciences</i> , 2011, 32, 773-785.	0.9	433
155	Minimum Spanning Tree Reflects the Alterations of the Default Mode Network During Alzheimer's Disease. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1493-1504.	1.3	65
156	Mechanisms of Neural and Behavioral Dysfunction in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2011, 43, 163-179.	1.9	15
157	Het verbonden brein. <i>Neuropraxis</i> , 2011, 15, 3-14.	0.1	1
158	Divergent neural processes specific to the acute and sustained phases of verum and SHAM acupuncture. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 33-40.	1.9	31
159	Recovery of hippocampal network connectivity correlates with cognitive improvement in mild alzheimer's disease patients treated with donepezil assessed by resting-state fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 764-773.	1.9	79
160	Amyloid β associated cortical thinning in clinically normal elderly. <i>Annals of Neurology</i> , 2011, 69, 1032-1042.	2.8	306
161	What did you expect?. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 1319-1320.	1.3	1
162	Network anticorrelations, global regression, and phase-shifted soft tissue correction. <i>Human Brain Mapping</i> , 2011, 32, 919-934.	1.9	208
163	Default network connectivity during a working memory task. <i>Human Brain Mapping</i> , 2011, 32, 1029-1035.	1.9	85
164	Spatial patterns of intrinsic brain activity in mild cognitive impairment and alzheimer's disease: A resting-state functional MRI study. <i>Human Brain Mapping</i> , 2011, 32, 1720-1740.	1.9	254
165	Local brain connectivity and associations with gender and age. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 187-197.	1.9	90
166	Default network correlations analyzed on native surfaces. <i>Journal of Neuroscience Methods</i> , 2011, 198, 301-311.	1.3	29
167	Social network theory applied to resting-state fMRI connectivity data in the identification of epilepsy networks with iterative feature selection. <i>Journal of Neuroscience Methods</i> , 2011, 199, 129-139.	1.3	40
168	Detecting overlapped functional clusters in resting state fMRI with Connected Iterative Scan: A graph theory based clustering algorithm. <i>Journal of Neuroscience Methods</i> , 2011, 199, 108-118.	1.3	16
169	Localization of focal epileptic discharges using functional connectivity magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2011, 114, 1693-1697.	0.9	80

#	ARTICLE	IF	CITATIONS
170	Quantitative Markers for Neuropsychiatric Disease: Give It a Rest. <i>Radiology</i> , 2011, 259, 17-19.	3.6	5
171	Negative Functional Connectivity and Its Dependence on the Shortest Path Length of Positive Network in the Resting-State Human Brain. <i>Brain Connectivity</i> , 2011, 1, 195-206.	0.8	78
172	The Brain as a Complex System: Using Network Science as a Tool for Understanding the Brain. <i>Brain Connectivity</i> , 2011, 1, 295-308.	0.8	225
173	Modular networks involving the medial frontal cortex: Towards the development of neuropsychiatry. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 249-259.	1.3	4
174	Brain network local interconnectivity loss in aging <i>APOE</i> -4 allele carriers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20760-20765.	3.3	161
175	Altered Connectivity Pattern of Hubs in Default-Mode Network with Alzheimer's Disease: An Granger Causality Modeling Approach. <i>PLoS ONE</i> , 2011, 6, e25546.	1.1	71
176	Relationships between Beta-Amyloid and Functional Connectivity in Different Components of the Default Mode Network in Aging. <i>Cerebral Cortex</i> , 2011, 21, 2399-2407.	1.6	306
177	Instrumental Activities of Daily Living Impairment Is Associated with Increased Amyloid Burden. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 31, 443-450.	0.7	43
178	Cerebral Blood Flow in Posterior Cortical Nodes of the Default Mode Network Decreases with Task Engagement but Remains Higher than in Most Brain Regions. <i>Cerebral Cortex</i> , 2011, 21, 233-244.	1.6	99
179	Amyloid \hat{I}^2 ($A\hat{I}^2$) and phospho-tau (p-tau) as diagnostic biomarkers in Alzheimer's disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 367-374.	1.4	62
180	Diffusion tensor imaging and cognitive function in older adults with no dementia. <i>Neurology</i> , 2011, 77, 26-34.	1.5	167
182	Neuronal dysfunction and disconnection of cortical hubs in non-demented subjects with elevated amyloid burden. <i>Brain</i> , 2011, 134, 1635-1646.	3.7	334
183	Default mode network connectivity in stable vs progressive mild cognitive impairment. <i>Neurology</i> , 2011, 76, 511-517.	1.5	267
184	Alzheimers Disease and Intelligence. <i>Current Alzheimer Research</i> , 2011, 8, 345-353.	0.7	24
185	Structural and Functional Network Connectivity Breakdown in Alzheimer's Disease Studied with Magnetic Resonance Imaging Techniques. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 455-474.	1.2	82
186	CONSTRUCTING BRAIN FUNCTIONAL NETWORKS FROM EEG: PARTIAL AND UNPARTIAL CORRELATIONS. <i>Journal of Integrative Neuroscience</i> , 2011, 10, 213-232.	0.8	48
187	Direct Comparison of Spontaneous Functional Connectivity and Effective Connectivity Measured by Intracortical Microstimulation: An fMRI Study in Macaque Monkeys. <i>Cerebral Cortex</i> , 2011, 21, 2348-2356.	1.6	80
188	Distinct clinical and metabolic deficits in PCA and AD are not related to amyloid distribution. <i>Neurology</i> , 2011, 76, 1789-1796.	1.5	115

#	ARTICLE	IF	CITATIONS
189	The Neural Career of Sensory-motor Metaphors. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2376-2386.	1.1	223
190	Extracting Message Inter-Departure Time Distributions from the Human Electroencephalogram. <i>PLoS Computational Biology</i> , 2011, 7, e1002065.	1.5	5
191	The Cognitive Consequences of Structural Changes to the Aging Brain. , 2011, , 73-91.		17
192	Disruptions of functional connectivity in the default mode network of comatose patients. <i>Neurology</i> , 2012, 78, 175-181.	1.5	167
193	Failure to Modulate Attentional Control in Advanced Aging Linked to White Matter Pathology. <i>Cerebral Cortex</i> , 2012, 22, 1038-1051.	1.6	68
194	The Limbic-Prefrontal Network Modulated by Electroacupuncture at CV4 and CV12. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	20
195	Region-Specific Hierarchy between Atrophy, Hypometabolism, and β -Amyloid ($A\beta$) Load in Alzheimer's Disease Dementia. <i>Journal of Neuroscience</i> , 2012, 32, 16265-16273.	1.7	319
196	Functional Connectivity between Anatomically Unconnected Areas Is Shaped by Collective Network-Level Effects in the Macaque Cortex. <i>Cerebral Cortex</i> , 2012, 22, 1586-1592.	1.6	217
197	Loss of Intranetwork and Internetwork Resting State Functional Connections with Alzheimer's Disease Progression. <i>Journal of Neuroscience</i> , 2012, 32, 8890-8899.	1.7	510
198	Network assemblies in the functional brain. <i>Current Opinion in Neurology</i> , 2012, 25, 1.	1.8	35
199	Neuroimaging insights into network-based neurodegeneration. <i>Current Opinion in Neurology</i> , 2012, 25, 727-734.	1.8	65
200	Functional and Structural MR Imaging in Neuropsychiatric Disorders, Part 1: Imaging Techniques and Their Application in Mild Cognitive Impairment and Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2012, 33, 1845-1850.	1.2	30
201	Association of Lifetime Cognitive Engagement and Low β -Amyloid Deposition. <i>Archives of Neurology</i> , 2012, 69, 623.	4.9	278
202	Reorganization of Functional Connectivity of the Language Network in Patients with Brain Gliomas. <i>American Journal of Neuroradiology</i> , 2012, 33, 1983-1990.	1.2	85
203	Brain Connectivity Analysis: A Short Survey. <i>Computational Intelligence and Neuroscience</i> , 2012, 2012, 1-21.	1.1	109
204	Interregional Correlations in Parkinson Disease and Parkinson-related Dementia with Resting Functional MR Imaging. <i>Radiology</i> , 2012, 263, 226-234.	3.6	80
205	Default Network Connectivity in Medial Temporal Lobe Amnesia. <i>Journal of Neuroscience</i> , 2012, 32, 14622-14629a.	1.7	40
206	Bidirectional Relationship between Functional Connectivity and Amyloid- β Deposition in Mouse Brain. <i>Journal of Neuroscience</i> , 2012, 32, 4334-4340.	1.7	165

#	ARTICLE	IF	CITATIONS
207	Gender Modulates the APOE ϵ 4 Effect in Healthy Older Adults: Convergent Evidence from Functional Brain Connectivity and Spinal Fluid Tau Levels. <i>Journal of Neuroscience</i> , 2012, 32, 8254-8262.	1.7	222
208	Dynamical Properties of BOLD Activity from the Ventral Posteromedial Cortex Associated with Meditation and Attentional Skills. <i>Journal of Neuroscience</i> , 2012, 32, 5242-5249.	1.7	91
209	Brain Imaging in Alzheimer Disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a006213-a006213.	2.9	502
210	CSF Biomarker and PIB-PET-Derived Beta-Amyloid Signature Predicts Metabolic, Gray Matter, and Cognitive Changes in Nondemented Subjects. <i>Cerebral Cortex</i> , 2012, 22, 1993-2004.	1.6	92
211	Similarity-Based Extraction of Individual Networks from Gray Matter MRI Scans. <i>Cerebral Cortex</i> , 2012, 22, 1530-1541.	1.6	258
212	Category-Selective Background Connectivity in Ventral Visual Cortex. <i>Cerebral Cortex</i> , 2012, 22, 391-402.	1.6	105
213	Spontaneous EEG-Functional MRI in Mesial Temporal Lobe Epilepsy: Implications for the Neural Correlates of Consciousness. <i>Epilepsy Research & Treatment</i> , 2012, 2012, 1-10.	1.4	4
214	Voxel Scale Complex Networks of Functional Connectivity in the Rat Brain: Neurochemical State Dependence of Global and Local Topological Properties. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-15.	0.7	6
215	Schizophrenia as a Disorder of Social Communication. <i>Schizophrenia Research and Treatment</i> , 2012, 2012, 1-12.	0.7	41
216	Insights into multimodal imaging classification of ADHD. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 59.	1.2	125
217	Superior Memory and Higher Cortical Volumes in Unusually Successful Cognitive Aging. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 1081-1085.	1.2	139
218	Functional Connectivity Variations in Mild Cognitive Impairment: Associations with Cognitive Function. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 39-48.	1.2	48
219	Impairments of auditory scene analysis in Alzheimer's disease. <i>Brain</i> , 2012, 135, 190-200.	3.7	67
220	Interhemispheric temporal lobe connectivity predicts language impairment in adolescents born preterm. <i>Brain</i> , 2012, 135, 3781-3798.	3.7	100
221	The Default Mode Network and Related Right Hemisphere Structures may be the Key Substrates of Dementia. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 467-478.	1.2	35
222	Amyloid- β and Cognition in Aging and Alzheimer's Disease: Molecular and Neurophysiological Mechanisms. <i>Journal of Alzheimer's Disease</i> , 2012, 33, S79-S86.	1.2	44
223	Resting-State Networks in Schizophrenia. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 2404-2414.	1.0	152
224	Perspective. <i>Academic Medicine</i> , 2012, 87, 261-265.	0.8	24

#	ARTICLE	IF	CITATIONS
225	MRI- and PET-Based Imaging Markers for the Diagnosis of Alzheimer's Disease. <i>Advances in Biological Psychiatry</i> , 2012, , 80-114.	0.2	0
226	Connectivity-based structural and functional parcellation of the human cortex using diffusion imaging and tractography. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 34.	0.9	67
227	Three Subsystems of the Inferior Parietal Cortex Are Differently Affected in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 475-487.	1.2	61
228	Identifying important nodes in weighted functional brain networks: A comparison of different centrality approaches. <i>Chaos</i> , 2012, 22, 023142.	1.0	44
229	Focal Brain Lesions to Critical Locations Cause Widespread Disruption of the Modular Organization of the Brain. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1275-1285.	1.1	318
230	The Brain's Default Network and Its Adaptive Role in Internal Mentation. <i>Neuroscientist</i> , 2012, 18, 251-270.	2.6	847
231	The value and limitations of transgenic mouse models used in drug discovery for Alzheimer's disease: an update. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 281-297.	2.5	42
232	A dual-subsystem model of the brain's default network: Self-referential processing, memory retrieval processes, and autobiographical memory retrieval. <i>NeuroImage</i> , 2012, 61, 966-977.	2.1	181
233	Dementia Resulting From Traumatic Brain Injury. <i>Archives of Neurology</i> , 2012, 69, 1245-51.	4.9	248
234	Default-mode network dysfunction and self-referential processing in healthy siblings of schizophrenia patients. <i>Schizophrenia Research</i> , 2012, 142, 237-243.	1.1	70
235	Frontal and posterior cingulate metabolic impairment in the behavioral variant of frontotemporal dementia with impaired autonoetic consciousness. <i>Human Brain Mapping</i> , 2012, 33, 1268-1278.	1.9	25
236	Development of biomarkers to chart all Alzheimer's disease stages: The Aroyal road to cutting the therapeutic Gordian Knot. <i>Alzheimer's and Dementia</i> , 2012, 8, 312-336.	0.4	112
237	Association of microstructural white matter abnormalities with cognitive dysfunction in geriatric patients with major depression. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 194-200.	0.9	36
238	High-cost, high-capacity backbone for global brain communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11372-11377.	3.3	686
239	Functional connectivity of epileptogenic focus: detection and relationship with default mode network. , 2012, , .		1
240	Functional Magnetic Resonance Imaging Phase Synchronization as a Measure of Dynamic Functional Connectivity. <i>Brain Connectivity</i> , 2012, 2, 91-101.	0.8	282
241	Effects of Age on the Structure of Functional Connectivity Networks During Episodic and Working Memory Demand. <i>Brain Connectivity</i> , 2012, 2, 113-124.	0.8	25
242	Resting state functional MRI in Alzheimer's Disease. <i>Alzheimer's Research and Therapy</i> , 2012, 4, 2.	3.0	112

#	ARTICLE	IF	CITATIONS
243	Overlapping but distinct default network functions revealed by independent component analysis. , 2012, , .		1
244	Alzheimer's Disease and the Frontotemporal Dementias: Contributions to Clinico-Pathological Studies, Diagnosis, and Cognitive Neuroscience. <i>Journal of Alzheimer's Disease</i> , 2012, 33, S211-S217.	1.2	23
245	Apolipoprotein E ϵ 4-related thickening of the cerebral cortex modulates selective attention. <i>Neurobiology of Aging</i> , 2012, 33, 304-322.e1.	1.5	26
246	Forebrain-dominant deficit in cerebrovascular reactivity in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 75-82.	1.5	98
247	Age and amyloid-related alterations in default network habituation to stimulus repetition. <i>Neurobiology of Aging</i> , 2012, 33, 1237-1252.	1.5	70
248	Modeling regional vulnerability to Alzheimer pathology. <i>Neurobiology of Aging</i> , 2012, 33, 1556-1563.	1.5	11
249	Resting state fMRI in Alzheimer's disease: beyond the default mode network. <i>Neurobiology of Aging</i> , 2012, 33, 1564-1578.	1.5	497
250	Resting-state fMRI changes in Alzheimer's disease and mild cognitive impairment. <i>Neurobiology of Aging</i> , 2012, 33, 2018-2028.	1.5	337
251	A new neuronal target for beta-amyloid peptide in the rat hippocampus. <i>Neurobiology of Aging</i> , 2012, 33, 1126.e1-1126.e14.	1.5	23
252	Predicting Regional Neurodegeneration from the Healthy Brain Functional Connectome. <i>Neuron</i> , 2012, 73, 1216-1227.	3.8	605
253	A Cortical Core for Dynamic Integration of Functional Networks in the Resting Human Brain. <i>Neuron</i> , 2012, 74, 753-764.	3.8	396
254	Age differences in the frontoparietal cognitive control network: Implications for distractibility. <i>Neuropsychologia</i> , 2012, 50, 2212-2223.	0.7	188
255	Accent processing in dementia. <i>Neuropsychologia</i> , 2012, 50, 2233-2244.	0.7	31
256	Network Centrality in the Human Functional Connectome. <i>Cerebral Cortex</i> , 2012, 22, 1862-1875.	1.6	1,003
257	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012, 135, 2711-2725.	3.7	314
258	Should Alzheimer's disease be equated with human brain ageing?: A maladaptive interaction between brain evolution and senescence. <i>Ageing Research Reviews</i> , 2012, 11, 104-122.	5.0	18
259	Impaired cortico-striatal functional connectivity in prodromal Huntington's Disease. <i>Neuroscience Letters</i> , 2012, 514, 204-209.	1.0	101
260	Imaging the default mode network in aging and dementia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 431-441.	1.8	252

#	ARTICLE	IF	CITATIONS
261	Neural intrinsic connectivity networks associated with risk aversion in old age. Behavioural Brain Research, 2012, 227, 233-240.	1.2	27
262	Age-related differences in cortical recruitment and suppression: Implications for cognitive performance. Behavioural Brain Research, 2012, 230, 192-200.	1.2	76
263	The organization of physiological brain networks. Clinical Neurophysiology, 2012, 123, 1067-1087.	0.7	514
264	Information Processing Architecture of Functionally Defined Clusters in the Macaque Cortex. Journal of Neuroscience, 2012, 32, 17465-17476.	1.7	106
265	Apolipoprotein E, Not Fibrillar β -Amyloid, Reduces Cerebral Glucose Metabolism in Normal Aging. Journal of Neuroscience, 2012, 32, 18227-18233.	1.7	146
266	Aging and functional brain networks. Molecular Psychiatry, 2012, 17, 549-558.	4.1	509
267	Tracking Cognitive Change over 24 Weeks with Longitudinal Functional Magnetic Resonance Imaging in Alzheimer's Disease. Neurodegenerative Diseases, 2012, 9, 176-186.	0.8	49
268	<i>Conn</i> : A Functional Connectivity Toolbox for Correlated and Anticorrelated Brain Networks. Brain Connectivity, 2012, 2, 125-141.	0.8	3,641
269	Abnormal Functional Connectivity in Children with Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2012, 71, 443-450.	0.7	315
270	The influence of head motion on intrinsic functional connectivity MRI. NeuroImage, 2012, 59, 431-438.	2.1	2,209
271	From simple graphs to the connectome: Networks in neuroimaging. NeuroImage, 2012, 62, 881-886.	2.1	161
272	The serendipitous discovery of the brain's default network. NeuroImage, 2012, 62, 1137-1145.	2.1	243
273	Dynamical stability of intrinsic connectivity networks. NeuroImage, 2012, 59, 4022-4031.	2.1	13
274	Anxiolytic-like effect of pregabalin on unconditioned fear in the rat: An autoradiographic brain perfusion mapping and functional connectivity study. NeuroImage, 2012, 59, 4168-4188.	2.1	23
275	Disrupted modular brain dynamics reflect cognitive dysfunction in Alzheimer's disease. NeuroImage, 2012, 59, 3085-3093.	2.1	190
276	Brain imaging in the study of Alzheimer's disease. NeuroImage, 2012, 61, 505-516.	2.1	109
277	Impact of in-scanner head motion on multiple measures of functional connectivity: Relevance for studies of neurodevelopment in youth. NeuroImage, 2012, 60, 623-632.	2.1	1,037
278	Changes in regional cerebral blood flow and functional connectivity in the cholinergic pathway associated with cognitive performance in subjects with mild Alzheimer's disease after 12-week donepezil treatment. NeuroImage, 2012, 60, 1083-1091.	2.1	98

#	ARTICLE	IF	CITATIONS
279	The future of functional MRI in clinical medicine. <i>NeuroImage</i> , 2012, 62, 1267-1271.	2.1	53
280	Exploring resting-state functional connectivity with total interdependence. <i>NeuroImage</i> , 2012, 60, 1587-1595.	2.1	35
281	Decision-making under risk: A graph-based network analysis using functional MRI. <i>NeuroImage</i> , 2012, 60, 2191-2205.	2.1	38
282	Hundreds of brain maps in one atlas: Registering coordinate-independent primate neuro-anatomical data to a standard brain. <i>NeuroImage</i> , 2012, 62, 67-76.	2.1	62
283	Changes in the brain intrinsic organization in both on-task state and post-task resting state. <i>NeuroImage</i> , 2012, 62, 394-407.	2.1	82
284	The intrinsic connectivity distribution: A novel contrast measure reflecting voxel level functional connectivity. <i>NeuroImage</i> , 2012, 62, 1510-1519.	2.1	98
285	Classifying minimally disabled multiple sclerosis patients from resting state functional connectivity. <i>NeuroImage</i> , 2012, 62, 2021-2033.	2.1	87
286	Cognitive reserve impacts on inter-individual variability in resting-state cerebral metabolism in normal aging. <i>NeuroImage</i> , 2012, 63, 713-722.	2.1	86
287	Self-projection and the default network in frontotemporal dementia. <i>Nature Reviews Neurology</i> , 2012, 8, 152-161.	4.9	104
288	Effects of Different Correlation Metrics and Preprocessing Factors on Small-World Brain Functional Networks: A Resting-State Functional MRI Study. <i>PLoS ONE</i> , 2012, 7, e32766.	1.1	163
289	Local Signal Time-Series during Rest Used for Areal Boundary Mapping in Individual Human Brains. <i>PLoS ONE</i> , 2012, 7, e33496.	1.1	25
290	Variance and Autocorrelation of the Spontaneous Slow Brain Activity. <i>PLoS ONE</i> , 2012, 7, e38131.	1.1	28
291	GAT: A Graph-Theoretical Analysis Toolbox for Analyzing Between-Group Differences in Large-Scale Structural and Functional Brain Networks. <i>PLoS ONE</i> , 2012, 7, e40709.	1.1	320
292	Disrupted Small-World Brain Networks in Moderate Alzheimer's Disease: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2012, 7, e33540.	1.1	192
293	Mapping the Alzheimer's Brain with Connectomics. <i>Frontiers in Psychiatry</i> , 2011, 2, 77.	1.3	102
294	Connectomic Intermediate Phenotypes for Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2012, 3, 32.	1.3	90
295	Pro-cognitive drug effects modulate functional brain network organization. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 53.	1.0	20
296	Neocortical-hippocampal dynamics of working memory in healthy and diseased brain states based on functional connectivity. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 36.	1.0	25

#	ARTICLE	IF	CITATIONS
297	Hippocampal temporal-parietal junction interaction in the production of psychotic symptoms: a framework for understanding the schizophrenic syndrome. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 180.	1.0	37
298	The UCLA multimodal connectivity database: a web-based platform for brain connectivity matrix sharing and analysis. <i>Frontiers in Neuroinformatics</i> , 2012, 6, 28.	1.3	114
299	Impaired Small-World Network Efficiency and Dynamic Functional Distribution in Patients with Cirrhosis. <i>PLoS ONE</i> , 2012, 7, e35266.	1.1	43
300	fMRI for the Assessment of Functional Connectivity. , 0, , .		7
301	Relationship between cortical microinfarcts and cognitive impairment in Alzheimer's disease. <i>Dementia E Neuropsychologia</i> , 2012, 6, 131-136.	0.3	5
303	Alzheimer Disease: New Concepts on Its Neurobiology and the Clinical Role Imaging Will Play. <i>Radiology</i> , 2012, 263, 344-361.	3.6	192
304	Large-scale cortical correlation structure of spontaneous oscillatory activity. <i>Nature Neuroscience</i> , 2012, 15, 884-890.	7.1	989
305	The economy of brain network organization. <i>Nature Reviews Neuroscience</i> , 2012, 13, 336-349.	4.9	2,681
306	Hemispheric Asymmetry of Visual Scene Processing in the Human Brain: Evidence from Repetition Priming and Intrinsic Activity. <i>Cerebral Cortex</i> , 2012, 22, 1935-1949.	1.6	54
307	Microstructural white matter changes in cognitively normal individuals at risk of amnesic MCI. <i>Neurology</i> , 2012, 79, 748-754.	1.5	112
308	Stepwise Connectivity of the Modal Cortex Reveals the Multimodal Organization of the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 10649-10661.	1.7	253
309	Attention-related networks in Alzheimer's disease: A resting functional MRI study. <i>Human Brain Mapping</i> , 2012, 33, 1076-1088.	1.9	110
310	Neural basis of the association between depressive symptoms and memory deficits in nondemented subjects: resting-state fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 1352-1363.	1.9	43
311	Role of medial cortical networks for anticipatory processing in obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2012, 33, 2125-2134.	1.9	21
312	The cognitive neuroscience of ageing. <i>Nature Reviews Neuroscience</i> , 2012, 13, 491-505.	4.9	1,043
313	I remember you: A role for memory in social cognition and the functional neuroanatomy of their interaction. <i>Brain Research</i> , 2012, 1428, 43-50.	1.1	125
314	Medial prefrontal functional connectivity's Relation to memory self-appraisal accuracy in older adults with and without memory disorders. <i>Neuropsychologia</i> , 2012, 50, 603-611.	0.7	46
315	Age differences in default and reward networks during processing of personally relevant information. <i>Neuropsychologia</i> , 2012, 50, 1682-1697.	0.7	38

#	ARTICLE	IF	CITATIONS
316	Differential neural activity in the recognition of old versus new events: An Activation Likelihood Estimation Meta-analysis. <i>Human Brain Mapping</i> , 2013, 34, 814-836.	1.9	137
317	Dynamic changes of ICA-derived EEG functional connectivity in the resting state. <i>Human Brain Mapping</i> , 2013, 34, 852-868.	1.9	104
318	Functional connectivity-based identification of subdivisions of the basal ganglia and thalamus using multilevel independent component analysis of resting state fMRI. <i>Human Brain Mapping</i> , 2013, 34, 1371-1385.	1.9	77
319	Theta power during encoding predicts subsequent memory performance and default mode network deactivation. <i>Human Brain Mapping</i> , 2013, 34, 2929-2943.	1.9	79
320	Functional anatomy of cortical areas characterized by Von Economo neurons. <i>Brain Structure and Function</i> , 2013, 218, 1-20.	1.2	67
321	Functional brain hubs and their test-retest reliability: A multiband resting-state functional MRI study. <i>NeuroImage</i> , 2013, 83, 969-982.	2.1	176
322	Longitudinal Effects of Lesions on Functional Networks after Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1279-1285.	2.4	73
323	Activity-Induced Convergence of APP and BACE-1 in Acidic Microdomains via an Endocytosis-Dependent Pathway. <i>Neuron</i> , 2013, 79, 447-460.	3.8	207
324	Neuroimaging of Consciousness. , 2013, , .		6
325	Multi-task connectivity reveals flexible hubs for adaptive task control. <i>Nature Neuroscience</i> , 2013, 16, 1348-1355.	7.1	1,377
326	Evidence for Hubs in Human Functional Brain Networks. <i>Neuron</i> , 2013, 79, 798-813.	3.8	699
327	Phenotypic Variability in Resting-State Functional Connectivity: Current Status. <i>Brain Connectivity</i> , 2013, 3, 99-120.	0.8	95
328	Ventromedial PFC, parahippocampal, and cerebellar connectivity are associated with temporal discounting in old age. <i>Experimental Gerontology</i> , 2013, 48, 1489-1498.	1.2	21
330	Item familiarity and controlled associative retrieval in Alzheimer's disease: An fMRI study. <i>Cortex</i> , 2013, 49, 1566-1584.	1.1	28
331	Decreased functional connectivity of the amygdala in Alzheimer's disease revealed by resting-state fMRI. <i>European Journal of Radiology</i> , 2013, 82, 1531-1538.	1.2	74
332	Neurocognitive biases and the patterns of spontaneous correlations in the human cortex. <i>Trends in Cognitive Sciences</i> , 2013, 17, 606-615.	4.0	109
333	Groupwise whole-brain parcellation from resting-state fMRI data for network node identification. <i>NeuroImage</i> , 2013, 82, 403-415.	2.1	858
334	Task-related concurrent but opposite modulations of overlapping functional networks as revealed by spatial ICA. <i>NeuroImage</i> , 2013, 79, 62-71.	2.1	69

#	ARTICLE	IF	CITATIONS
335	Rich Club Organization and Intermodule Communication in the Cat Connectome. <i>Journal of Neuroscience</i> , 2013, 33, 12929-12939.	1.7	138
336	Handbook of Neurosociology. <i>Handbooks of Sociology and Social Research</i> , 2013, , .	0.1	33
337	A piece of the action: Modulation of sensory-motor regions by action idioms and metaphors. <i>NeuroImage</i> , 2013, 83, 862-869.	2.1	137
338	Structure out of chaos: Functional brain network analysis with EEG, MEG, and functional MRI. <i>European Neuropsychopharmacology</i> , 2013, 23, 7-18.	0.3	122
339	Brainnetome: A new -ome to understand the brain and its disorders. <i>NeuroImage</i> , 2013, 80, 263-272.	2.1	116
340	Assessment of system dysfunction in the brain through MRI-based connectomics. <i>Lancet Neurology</i> , The, 2013, 12, 1189-1199.	4.9	184
341	Meta-analysis of functional network alterations in Alzheimer's disease: Toward a network biomarker. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 753-765.	2.9	107
342	The associative-semantic network for words and pictures: Effective connectivity and graph analysis. <i>Brain and Language</i> , 2013, 127, 264-272.	0.8	40
343	Network hubs in the human brain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 683-696.	4.0	1,727
344	Tracking pathophysiological processes in Alzheimer's disease: an updated hypothetical model of dynamic biomarkers. <i>Lancet Neurology</i> , The, 2013, 12, 207-216.	4.9	3,378
345	S1 is Associated with Chronic Low Back Pain: A Functional and Structural MRI Study. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-43.	1.0	98
346	Glucose metabolism in nine patients with probable sporadic Creutzfeldtâ€“Jakob disease: FDG-PET study using SPM and individual patient analysis. <i>Journal of Neurology</i> , 2013, 260, 3055-3064.	1.8	23
347	Function in the human connectome: Task-fMRI and individual differences in behavior. <i>NeuroImage</i> , 2013, 80, 169-189.	2.1	1,259
348	Disrupted Functional Brain Connectome in Individuals at Risk for Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 73, 472-481.	0.7	378
349	An intrinsic connectivity network approach to insula-derived dysfunctions among cocaine users. <i>American Journal of Drug and Alcohol Abuse</i> , 2013, 39, 403-413.	1.1	50
350	Genome-wide scan of healthy human connectome discovers <i>SPON1</i> gene variant influencing dementia severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4768-4773.	3.3	141
351	Amyloid and metabolic positron emission tomography imaging of cognitively normal adults with Alzheimer's parents. <i>Neurobiology of Aging</i> , 2013, 34, 22-34.	1.5	58
352	Extracellular Amyloid-Î² Protein Dynamics in Alzheimerâ€™s Disease. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2013, , 163-178.	0.2	2

#	ARTICLE	IF	CITATIONS
353	The Ups and Downs of the Posteromedial Cortex: Age- and Amyloid-Related Functional Alterations of the Encoding/Retrieval Flip in Cognitively Normal Older Adults. <i>Cerebral Cortex</i> , 2013, 23, 1317-1328.	1.6	41
354	Default network is not hypoactive in dementia with fluctuating cognition: an Alzheimer disease/dementia with Lewy bodies comparison. <i>Neurobiology of Aging</i> , 2013, 34, 1148-1158.	1.5	92
355	Cognitive function and breast cancer: promise and potential insights from functional brain imaging. <i>Breast Cancer Research and Treatment</i> , 2013, 137, 33-43.	1.1	61
356	Polymorphism of brain derived neurotrophic factor influences β amyloid load in cognitively intact apolipoprotein E ϵ 4 carriers. <i>NeuroImage: Clinical</i> , 2013, 2, 512-520.	1.4	47
357	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. <i>NeuroImage</i> , 2013, 69, 51-61.	2.1	49
358	Genetic control of functional brain network efficiency in children. <i>European Neuropsychopharmacology</i> , 2013, 23, 19-23.	0.3	105
359	Local Functional Overconnectivity in Posterior Brain Regions Is Associated with Symptom Severity in Autism Spectrum Disorders. <i>Cell Reports</i> , 2013, 5, 567-572.	2.9	237
360	Late-life depression, mild cognitive impairment and hippocampal functional network architecture. <i>NeuroImage: Clinical</i> , 2013, 3, 311-320.	1.4	25
361	Early cortical thickness changes predict β -amyloid deposition in a mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2013, 54, 59-67.	2.1	35
362	Fortress Brain. <i>Medical Hypotheses</i> , 2013, 80, 118-121.	0.8	1
363	Local MEG networks: The missing link between protein expression and epilepsy in glioma patients?. <i>NeuroImage</i> , 2013, 75, 195-203.	2.1	31
364	Detection of scale-freeness in brain connectivity by functional MRI: Signal processing aspects and implementation of an open hardware co-processor. <i>Medical Engineering and Physics</i> , 2013, 35, 1525-1531.	0.8	9
365	Cortical atrophy and hypoperfusion in a transgenic mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 1644-1652.	1.5	49
366	Complex biomarker discovery in neuroimaging data: Finding a needle in a haystack. <i>NeuroImage: Clinical</i> , 2013, 3, 123-131.	1.4	51
367	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. <i>Neuron</i> , 2013, 79, 782-797.	3.8	175
368	Global Prefrontal and Fronto-Amygdala Dysconnectivity in Bipolar I Disorder with Psychosis History. <i>Biological Psychiatry</i> , 2013, 73, 565-573.	0.7	240
369	Rapid geodesic mapping of brain functional connectivity: Implementation of a dedicated co-processor in a field-programmable gate array (FPGA) and application to resting state functional MRI. <i>Medical Engineering and Physics</i> , 2013, 35, 1532-1539.	0.8	4
370	Impaired and facilitated functional networks in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2013, 2, 862-872.	1.4	111

#	ARTICLE	IF	CITATIONS
371	Individual Variability in Functional Connectivity Architecture of the Human Brain. <i>Neuron</i> , 2013, 77, 586-595.	3.8	949
372	Alzheimer's disease-related changes in regional spontaneous brain activity levels and inter-region interactions in the default mode network. <i>Brain Research</i> , 2013, 1509, 58-65.	1.1	14
373	“More Is Different” in Functional Magnetic Resonance Imaging: A Review of Recent Data Analysis Techniques. <i>Brain Connectivity</i> , 2013, 3, 223-239.	0.8	20
374	Brain Microstructure Reveals Early Abnormalities more than Two Years prior to Clinical Progression from Mild Cognitive Impairment to Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2013, 33, 2147-2155.	1.7	161
375	Shared and Distinct Intrinsic Functional Network Centrality in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2013, 74, 623-632.	0.7	295
376	The Thalamus and Brainstem Act As Key Hubs in Alterations of Human Brain Network Connectivity Induced by Mild Propofol Sedation. <i>Journal of Neuroscience</i> , 2013, 33, 4024-4031.	1.7	77
377	Oxytocin effects on complex brain networks are moderated by experiences of maternal love withdrawal. <i>European Neuropsychopharmacology</i> , 2013, 23, 1288-1295.	0.3	83
378	The parcellation-based connectome: Limitations and extensions. <i>NeuroImage</i> , 2013, 80, 397-404.	2.1	272
379	Network attributes for segregation and integration in the human brain. <i>Current Opinion in Neurobiology</i> , 2013, 23, 162-171.	2.0	809
380	Alzheimer's disease: connecting findings from graph theoretical studies of brain networks. <i>Neurobiology of Aging</i> , 2013, 34, 2023-2036.	1.5	355
381	Comparing connectivity pattern and small-world organization between structural correlation and resting-state networks in healthy adults. <i>NeuroImage</i> , 2013, 78, 402-414.	2.1	51
382	Cerebral Energy Metabolism and the Brain's Functional Network Architecture: An Integrative Review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1347-1354.	2.4	69
383	Networks of anatomical covariance. <i>NeuroImage</i> , 2013, 80, 489-504.	2.1	355
384	Sleep and the functional connectome. <i>NeuroImage</i> , 2013, 80, 387-396.	2.1	97
385	Resting-state functional connectivity in normal brain aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 384-400.	2.9	498
386	Dynamic functional connectivity: Promise, issues, and interpretations. <i>NeuroImage</i> , 2013, 80, 360-378.	2.1	2,358
387	Altered temporal correlations in resting-state connectivity fluctuations in children with reading difficulties detected via MEG. <i>NeuroImage</i> , 2013, 83, 307-317.	2.1	84
388	Disrupted directed connectivity along the cingulate cortex determines vigilance after sleep deprivation. <i>NeuroImage</i> , 2013, 79, 213-222.	2.1	30

#	ARTICLE	IF	CITATIONS
389	Heteromodal conceptual processing in the angular gyrus. <i>NeuroImage</i> , 2013, 71, 175-186.	2.1	144
390	Mapping putative hubs in human, chimpanzee and rhesus macaque connectomes via diffusion tractography. <i>NeuroImage</i> , 2013, 80, 462-474.	2.1	94
391	Cross-sectional and Longitudinal Analysis of the Relationship Between A β 2 Deposition, Cortical Thickness, and Memory in Cognitively Unimpaired Individuals and in Alzheimer Disease. <i>JAMA Neurology</i> , 2013, 70, 903.	4.5	170
392	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , 2013, 76, 183-201.	2.1	1,331
393	Standardizing the intrinsic brain: Towards robust measurement of inter-individual variation in 1000 functional connectomes. <i>NeuroImage</i> , 2013, 80, 246-262.	2.1	382
394	Selectively and progressively disrupted structural connectivity of functional brain networks in Alzheimer's disease "Revealed by a novel framework to analyze edge distributions of networks detecting disruptions with strong statistical evidence. <i>NeuroImage</i> , 2013, 81, 96-109.	2.1	77
395	Adaptive reorganization of cortical networks in Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2013, 124, 35-43.	0.7	31
396	A left cerebellar pathway mediates language in prematurely-born young adults. <i>NeuroImage</i> , 2013, 64, 371-378.	2.1	47
397	Posteromedial cortex glutamate and GABA predict intrinsic functional connectivity of the default mode network. <i>NeuroImage</i> , 2013, 64, 112-119.	2.1	170
398	Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013, 65, 374-386.	2.1	428
399	Unbiased tensor-based morphometry: Improved robustness and sample size estimates for Alzheimer's disease clinical trials. <i>NeuroImage</i> , 2013, 66, 648-661.	2.1	103
400	Progression of logopenic variant primary progressive aphasia to apraxia and semantic memory deficits. <i>BMC Neurology</i> , 2013, 13, 158.	0.8	40
401	Synaptic function as a preclinical and experimental medicine readout for disease-modifying therapy in Alzheimer's Disease. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2013, 10, e99-e104.	0.5	2
402	Diverging patterns of amyloid deposition and hypometabolism in clinical variants of probable Alzheimer's disease. <i>Brain</i> , 2013, 136, 844-858.	3.7	280
403	Episodic future thinking is impaired in the behavioural variant of frontotemporal dementia. <i>Cortex</i> , 2013, 49, 2377-2388.	1.1	82
404	Intrinsic connectivity networks in healthy subjects explain clinical variability in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11606-11611.	3.3	105
405	The Effects of Alcohol on the Nonhuman Primate Brain: A Network Science Approach to Neuroimaging. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1891-1900.	1.4	8
406	Coupling of functional connectivity and regional cerebral blood flow reveals a physiological basis for network hubs of the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1929-1934.	3.3	570

#	ARTICLE	IF	CITATIONS
407	The Development of Hub Architecture in the Human Functional Brain Network. <i>Cerebral Cortex</i> , 2013, 23, 2380-2393.	1.6	194
408	Diminished default mode network recruitment of the hippocampus and parahippocampus in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2013, 119, 288-300.	0.9	60
409	In vivo characterization of the early states of the amyloid-beta network. <i>Brain</i> , 2013, 136, 2239-2252.	3.7	104
410	Alterations of Directional Connectivity among Resting-State Networks in Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2013, 34, 340-345.	1.2	39
411	The Modulation of BOLD Variability between Cognitive States Varies by Age and Processing Speed. <i>Cerebral Cortex</i> , 2013, 23, 684-693.	1.6	225
412	Network Organization in Health and Disease: On Being a Reductionist and a Systems Biologist Too. <i>Pharmacopsychiatry</i> , 2013, 46, S10-S21.	1.7	12
413	Abnormally High Degree Connectivity of the Orbitofrontal Cortex in Obsessive-Compulsive Disorder. <i>JAMA Psychiatry</i> , 2013, 70, 619.	6.0	228
414	Functional Relevance of Micromodules in the Human Association Cortex Delineated with High-Resolution fMRI. <i>Cerebral Cortex</i> , 2013, 23, 2863-2871.	1.6	19
415	Effect of Cognitive Reserve Markers on Alzheimer Pathologic Progression. <i>Alzheimer Disease and Associated Disorders</i> , 2013, 27, 343-350.	0.6	67
416	Neural Network Modeling of EEG Patterns in Encephalopathy. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 545-552.	0.9	18
417	Mindfulness disposition and default-mode network connectivity in older adults. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 112-117.	1.5	65
418	A biased competition account of attention and memory in Alzheimer's disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130062.	1.8	29
419	Portraying the unique contribution of the default mode network to internally driven mnemonic processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4950-4955.	3.3	103
420	What is a representative brain? Neuroscience meets population science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17615-17622.	3.3	198
421	Default mode network connectivity indicates episodic memory capacity in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 809-818.	2.6	123
422	Changes in brain organization after TBI. <i>Neurology</i> , 2013, 80, 1822-1823.	1.5	7
423	The Teenage Brain. <i>Current Directions in Psychological Science</i> , 2013, 22, 94-100.	2.8	72
424	Potential Use and Challenges of Functional Connectivity Mapping in Intractable Epilepsy. <i>Frontiers in Neurology</i> , 2013, 4, 39.	1.1	50

#	ARTICLE	IF	CITATIONS
425	Hippocampal Physiology, Structure and Function and the Neuroscience of Schizophrenia: A Unified Account of Declarative Memory Deficits, Working Memory Deficits and Schizophrenic Symptoms. Behavioral Sciences (Basel, Switzerland), 2013, 3, 298-315.	1.0	36
426	Early Development of Spatial Patterns of Power-Law Frequency Scaling in fMRI Resting-State and EEG Data in the Newborn Brain. Cerebral Cortex, 2013, 23, 638-646.	1.6	85
427	Functional connectivity networks associated with chronic musculoskeletal pain in old age. International Journal of Geriatric Psychiatry, 2013, 28, 858-867.	1.3	18
428	Glycemic extremes in youth with T1DM: The structural and functional integrity of the developing brain. Pediatric Diabetes, 2013, 14, 541-553.	1.2	63
429	A preliminary investigation of Stroop-related intrinsic connectivity in cocaine dependence: associations with treatment outcomes. American Journal of Drug and Alcohol Abuse, 2013, 39, 392-402.	1.1	53
430	Repeated retrieval during working memory is sensitive to amnesic mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2013, 35, 946-959.	0.8	9
431	Disruption of cerebral networks and cognitive impairment in Alzheimer disease. Neurology, 2013, 80, 1370-1377.	1.5	125
432	Energetic cost of brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13642-13647.	3.3	445
433	Analyzing complex functional brain networks: Fusing statistics and network science to understand the brain. Statistics Surveys, 2013, 7, 1-36.	7.3	111
434	Alzheimer's Disease: The Downside of a Highly Evolved Parietal Lobe?. Journal of Alzheimer's Disease, 2013, 35, 227-240.	1.2	70
435	APOE-Dependent Phenotypes in Subjects with Mild Cognitive Impairment Converting to Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 37, 389-401.	1.2	13
436	From brain topography to brain topology. NeuroReport, 2013, 24, 536-543.	0.6	49
437	The structure of creative cognition in the human brain. Frontiers in Human Neuroscience, 2013, 7, 330.	1.0	289
438	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. Frontiers in Human Neuroscience, 2013, 7, 356.	1.0	260
439	Altered Default Mode Network Connectivity in Older Adults with Cognitive Complaints and Amnesic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 35, 751-760.	1.2	135
440	Validation of a Latent Construct for Dementia Case-Finding in Mexican-Americans. Journal of Alzheimer's Disease, 2013, 37, 89-97.	1.2	18
441	The Default Mode Network may be the Key Substrate of Depressive Symptom-Related Cognitive Changes. Journal of Alzheimer's Disease, 2013, 34, 547-560.	1.2	22
442	Dissociating Memory Networks in Early Alzheimer's Disease and Frontotemporal Lobar Degeneration - A Combined Study of Hypometabolism and Atrophy. PLoS ONE, 2013, 8, e55251.	1.1	59

#	ARTICLE	IF	CITATIONS
443	Single-Subject Grey Matter Graphs in Alzheimer's Disease. PLoS ONE, 2013, 8, e58921.	1.1	107
444	Changes in Task-Related Functional Connectivity across Multiple Spatial Scales Are Related to Reading Performance. PLoS ONE, 2013, 8, e59204.	1.1	14
445	A Hybrid CPU-GPU Accelerated Framework for Fast Mapping of High-Resolution Human Brain Connectome. PLoS ONE, 2013, 8, e62789.	1.1	22
446	Altered Hub Configurations within Default Mode Network following Acupuncture at ST36: A Multimodal Investigation Combining fMRI and MEG. PLoS ONE, 2013, 8, e64509.	1.1	24
447	Convergent Findings of Altered Functional and Structural Brain Connectivity in Individuals with High Functioning Autism: A Multimodal MRI Study. PLoS ONE, 2013, 8, e67329.	1.1	132
448	Resting State Networks' Corticotopy: The Dual Intertwined Rings Architecture. PLoS ONE, 2013, 8, e67444.	1.1	29
449	Brain Regions Responsible for Tinnitus Distress and Loudness: A Resting-State fMRI Study. PLoS ONE, 2013, 8, e67778.	1.1	62
450	Functional Cortical Hubs in the Eyes-Closed Resting Human Brain from an Electrophysiological Perspective Using Magnetoencephalography. PLoS ONE, 2013, 8, e68192.	1.1	23
451	Glucose Metabolism during Resting State Reveals Abnormal Brain Networks Organization in the Alzheimer's Disease and Mild Cognitive Impairment. PLoS ONE, 2013, 8, e68860.	1.1	98
452	BrainNet Viewer: A Network Visualization Tool for Human Brain Connectomics. PLoS ONE, 2013, 8, e68910.	1.1	3,003
453	Default Mode, Dorsal Attention and Auditory Resting State Networks Exhibit Differential Functional Connectivity in Tinnitus and Hearing Loss. PLoS ONE, 2013, 8, e76488.	1.1	173
454	Altered Resting State Brain Networks in Parkinson's Disease. PLoS ONE, 2013, 8, e77336.	1.1	201
455	Aging Brain from a Network Science Perspective: Something to Be Positive About?. PLoS ONE, 2013, 8, e78345.	1.1	12
456	Mapping the Voxel-Wise Effective Connectome in Resting State fMRI. PLoS ONE, 2013, 8, e73670.	1.1	46
457	Consciousness in humans and non-human animals: recent advances and future directions. Frontiers in Psychology, 2013, 4, 625.	1.1	170
458	Resting-State Functional Connectivity in Late-Life Depression: Higher Global Connectivity and More Long Distance Connections. Frontiers in Psychiatry, 2012, 3, 116.	1.3	78
459	Defining nodes in complex brain networks. Frontiers in Computational Neuroscience, 2013, 7, 169.	1.2	160
460	Modular reorganization of brain resting state networks and its independent validation in Alzheimer's disease patients. Frontiers in Human Neuroscience, 2013, 7, 456.	1.0	64

#	ARTICLE	IF	CITATIONS
461	Atypical modulation of distant functional connectivity by cognitive state in children with Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 482.	1.0	48
462	Task vs. rest—different network configurations between the coactivation and the resting-state brain networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 493.	1.0	174
463	Imaging structural and functional brain networks in temporal lobe epilepsy. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 624.	1.0	185
464	On development of functional brain connectivity in the young brain. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 650.	1.0	76
465	A time and place for language comprehension: mapping the N400 and the P600 to a minimal cortical network. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 758.	1.0	87
466	Functional connectivity networks with and without global signal correction. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 880.	1.0	43
467	Spatial ICA reveals functional activity hidden from traditional fMRI GLM-based analyses. <i>Frontiers in Neuroscience</i> , 2013, 7, 154.	1.4	85
468	Small-World Properties in Mild Cognitive Impairment and Early Alzheimer's Disease: A Cortical Thickness MRI Study. <i>ISRN Geriatrics</i> , 2013, 2013, 1-11.	0.2	37
469	An Increase in Tobacco Craving Is Associated with Enhanced Medial Prefrontal Cortex Network Coupling. <i>PLoS ONE</i> , 2014, 9, e88228.	1.1	38
470	Altered Network Topologies and Hub Organization in Adults with Autism: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2014, 9, e94115.	1.1	120
471	Mapping Small-World Properties through Development in the Human Brain: Disruption in Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e96176.	1.1	53
472	Cluster Size Statistic and Cluster Mass Statistic: Two Novel Methods for Identifying Changes in Functional Connectivity Between Groups or Conditions. <i>PLoS ONE</i> , 2014, 9, e98697.	1.1	12
473	Widespread Disruption of Functional Brain Organization in Early-Onset Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e102995.	1.1	56
474	When Structure Affects Function – The Need for Partial Volume Effect Correction in Functional and Resting State Magnetic Resonance Imaging Studies. <i>PLoS ONE</i> , 2014, 9, e114227.	1.1	58
475	Electrophysiological Research on Conversation and Discourse Processing. , 2014, , .		5
476	Fast transient networks in spontaneous human brain activity. <i>ELife</i> , 2014, 3, e01867.	2.8	467
477	Structure-Function Relationships behind the Phenomenon of Cognitive Resilience in Neurology: Insights for Neuroscience and Medicine. <i>Advances in Neuroscience (Hindawi)</i> , 2014, 2014, 1-28.	3.1	66
478	Exercise training reinstates cortico-cortical sensorimotor functional connectivity following striatal lesioning: development and application of a subregional-level analytic toolbox for perfusion autoradiographs of the rat brain. <i>Frontiers in Physics</i> , 2014, 2, .	1.0	4

#	ARTICLE	IF	CITATIONS
479	Neuronal Networks and Therapeutics in Neurodegenerative Disorders. , 2014, , 335-348.		1
480	Mindfulness and the aging brain: a proposed paradigm shift. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 120.	1.7	32
481	Decreased Default Mode Network connectivity correlates with age-associated structural and cognitive changes. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 256.	1.7	86
482	The age-related posterior-anterior shift as revealed by voxelwise analysis of functional brain networks. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 301.	1.7	35
483	The neural correlates of risk propensity in males and females using resting-state fMRI. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 2.	1.0	33
484	Disrupted resting-state functional architecture of the brain after 45-day simulated microgravity. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 200.	1.0	50
485	Bayesian network analysis revealed the connectivity difference of the default mode network from the resting-state to task-state. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 118.	1.2	12
486	Evolutionary appearance of von Economo's neurons in the mammalian cerebral cortex. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 104.	1.0	41
487	Development of Human Somatosensory Cortical Functions – What have We Learned from Magnetoencephalography: A Review. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 158.	1.0	99
488	Dynamic network participation of functional connectivity hubs assessed by resting-state fMRI. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 195.	1.0	67
489	Language in the brain at rest: new insights from resting state data and graph theoretical analysis. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 228.	1.0	55
490	Mapping memory binding onto the connectome's temporal dynamics: toward a combined biomarker for Alzheimer's disease. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 237.	1.0	14
491	Network complexity as a measure of information processing across resting-state networks: evidence from the Human Connectome Project. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 409.	1.0	109
492	Simulated rich club lesioning in brain networks: a scaffold for communication and integration?. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 647.	1.0	81
493	Dynamic connectivity states estimated from resting fMRI Identify differences among Schizophrenia, bipolar disorder, and healthy control subjects. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 897.	1.0	384
494	Changes in global and regional modularity associated with increasing working memory load. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 954.	1.0	67
495	Frequency-specific network topologies in the resting human brain. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1022.	1.0	36
496	The functional organization of the left STS: a large scale meta-analysis of PET and fMRI studies of healthy adults. <i>Frontiers in Neuroscience</i> , 2014, 8, 289.	1.4	46

#	ARTICLE	IF	CITATIONS
497	Cortico-cortical communication dynamics. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 19.	1.2	25
498	Ethnicity Moderates Dementia's Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 275-287.	1.2	24
500	Pinpointing a Highly Specific Pathological Functional Connection That Turns Phantom Sound into Distress. <i>Cerebral Cortex</i> , 2014, 24, 2268-2282.	1.6	49
502	Single-Subject Gray Matter Graph Properties and Their Relationship with Cognitive Impairment in Early- and Late-Onset Alzheimer's Disease. <i>Brain Connectivity</i> , 2014, 4, 337-346.	0.8	69
504	Neurobiological basis of head motion in brain imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6058-6062.	3.3	265
505	β -Amyloid is Associated with Aberrant Metabolic Connectivity in Subjects with Mild Cognitive Impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1169-1179.	2.4	22
506	Hierarchical Multivariate Covariance Analysis of Metabolic Connectivity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1936-1943.	2.4	19
507	Effects of Beta-Amyloid on Resting State Functional Connectivity Within and Between Networks Reflect Known Patterns of Regional Vulnerability. <i>Cerebral Cortex</i> , 2016, 26, bhu259.	1.6	85
508	Trail making test performance in youth varies as a function of anatomical coupling between the prefrontal cortex and distributed cortical regions. <i>Frontiers in Psychology</i> , 2014, 5, 496.	1.1	22
509	Resolving Structural Variability in Network Models and the Brain. <i>PLoS Computational Biology</i> , 2014, 10, e1003491.	1.5	85
510	A Network Convergence Zone in the Hippocampus. <i>PLoS Computational Biology</i> , 2014, 10, e1003982.	1.5	89
511	Network Imaging. , 2014, , 77-89.		2
512	Reduced glucose uptake and $A\beta$ in brain regions with hyperintensities in connected white matter. <i>NeuroImage</i> , 2014, 100, 684-691.	2.1	24
513	Epidemic Spreading Model to Characterize Misfolded Proteins Propagation in Aging and Associated Neurodegenerative Disorders. <i>PLoS Computational Biology</i> , 2014, 10, e1003956.	1.5	151
514	The Default Network of the Brain. , 2014, , 169-181.		1
515	Reorganization of hippocampal functional connectivity with transition to chronic back pain. <i>Journal of Neurophysiology</i> , 2014, 111, 1065-1076.	0.9	140
516	Task-dependent reorganization of functional connectivity networks during visual semantic decision making. <i>Brain and Behavior</i> , 2014, 4, 877-885.	1.0	38
517	Cortical thickness mediates the effect of β -amyloid on episodic memory. <i>Neurology</i> , 2014, 82, 761-767.	1.5	39

#	ARTICLE	IF	CITATIONS
518	From Tones in Tinnitus to Sensed Social Interaction in Schizophrenia: How Understanding Cortical Organization Can Inform the Study of Hallucinations and Psychosis. <i>Schizophrenia Bulletin</i> , 2014, 40, S305-S316.	2.3	22
519	Longitudinal Alteration of Amygdalar Functional Connectivity in Mild Cognitive Impairment Subjects Revealed by Resting-State fMRI. <i>Brain Connectivity</i> , 2014, 4, 361-370.	0.8	26
520	Aberrant Default-Mode Functional Connectivity in Patients with End-Stage Renal Disease: A Resting-State Functional MR Imaging Study. <i>Radiology</i> , 2014, 271, 543-552.	3.6	55
521	Overlapping and segregated resting-state functional connectivity in patients with major depressive disorder with and without childhood neglect. <i>Human Brain Mapping</i> , 2014, 35, 1154-1166.	1.9	206
522	Resting-state functional connectivity <sc>MRI</sc> reveals active processes central to cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2014, 5, 233-245.	1.4	73
523	Recognition memory is associated with altered resting-state functional connectivity in people at genetic risk for Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2014, 40, 3128-3135.	1.2	31
524	Elevated hippocampal resting-state connectivity underlies deficient neurocognitive function in aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17654-17659.	3.3	164
525	The 4th Schizophrenia International Research Society Conference, 5-9 April 2014, Florence, Italy: A summary of topics and trends. <i>Schizophrenia Research</i> , 2014, 159, e1-e22.	1.1	2
526	Amyloid and its association with default network integrity in Alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 779-791.	1.9	37
527	The hubs of the human connectome are generally implicated in the anatomy of brain disorders. <i>Brain</i> , 2014, 137, 2382-2395.	3.7	971
528	BOLD signal and functional connectivity associated with loving kindness meditation. <i>Brain and Behavior</i> , 2014, 4, 337-347.	1.0	60
529	Characteristics of the default mode functional connectivity in normal ageing and Alzheimer's disease using resting state fMRI with a combined approach of entropy-based and graph theoretical measurements. <i>NeuroImage</i> , 2014, 101, 778-786.	2.1	89
530	Decreased default-mode network homogeneity in unaffected siblings of schizophrenia patients at rest. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 218-224.	0.9	23
531	AbstractsFourth Biennial Conference on Resting State Brain ConnectivitySeptember 11-13, 2014Boston/Cambridge, Massachusetts, USA. <i>Brain Connectivity</i> , 2014, 4, A1-A158.	0.8	12
532	Structural covariance of superficial white matter in mild Alzheimer's disease compared to normal aging. <i>Brain and Behavior</i> , 2014, 4, 721-737.	1.0	25
533	Big data analysis of the human brain's functional interactions based on fMRI. <i>Science Bulletin</i> , 2014, 59, 5059-5065.	1.7	4
534	Structural and Functional Brain Changes in the Default Mode Network in Subtypes of Amnesic Mild Cognitive Impairment. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2014, 27, 188-198.	1.2	27
535	GABA, Resting-State Connectivity and the Developing Brain. <i>Neonatology</i> , 2014, 106, 149-155.	0.9	55

#	ARTICLE	IF	CITATIONS
536	A common brain network links development, aging, and vulnerability to disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17648-17653.	3.3	268
537	Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. Human Brain Mapping, 2014, 35, 3819-3831.	1.9	53
538	Disrupted functional connectivity of the periaqueductal gray in chronic low back pain. NeuroImage: Clinical, 2014, 6, 100-108.	1.4	181
539	Brain Signal Variability is Parametrically Modifiable. Cerebral Cortex, 2014, 24, 2931-2940.	1.6	105
540	PART and SNAP. Acta Neuropathologica, 2014, 128, 773-776.	3.9	78
541	Eyes-closed task-free electroencephalography in clinical trials for Alzheimer's disease: an emerging method based upon brain dynamics. Alzheimer's Research and Therapy, 2014, 6, 86.	3.0	44
542	Neural network alterations underlie cognitive deficits in brain tumor patients. Current Opinion in Oncology, 2014, 26, 627-633.	1.1	62
543	Subclinical delusional thinking predicts lateral temporal cortex responses during social reflection. Social Cognitive and Affective Neuroscience, 2014, 9, 273-282.	1.5	17
544	Structural and Functional Aspects Relating to Cost and Benefit of Rich Club Organization in the Human Cerebral Cortex. Cerebral Cortex, 2014, 24, 2258-2267.	1.6	223
545	A Data-Driven Method to Reduce the Impact of Region Size on Degree Metrics in Voxel-Wise Functional Brain Networks. Frontiers in Neurology, 2014, 5, 199.	1.1	2
546	Diagnostic Discontinuity in Psychosis: A Combined Study of Cortical Gyrfication and Functional Connectivity. Schizophrenia Bulletin, 2014, 40, 675-684.	2.3	89
547	Covarying alterations in $A\beta$ deposition, glucose metabolism, and gray matter volume in cognitively normal elderly. Human Brain Mapping, 2014, 35, 297-308.	1.9	88
548	Test-retest reliability of fMRI-based graph theoretical properties during working memory, emotion processing, and resting state. NeuroImage, 2014, 84, 888-900.	2.1	211
549	Volitional regulation of emotions produces distributed alterations in connectivity between visual, attention control, and default networks. NeuroImage, 2014, 89, 110-121.	2.1	106
550	Integration of visual and motor functional streams in the human brain. Neuroscience Letters, 2014, 567, 68-73.	1.0	29
551	An investigation of fMRI time series stationarity during motor sequence learning foot tapping tasks. Journal of Neuroscience Methods, 2014, 227, 75-82.	1.3	9
552	Functional connectivity and graph theory in preclinical Alzheimer's disease. Neurobiology of Aging, 2014, 35, 757-768.	1.5	318
553	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. Molecular Psychiatry, 2014, 19, 659-667.	4.1	1,882

#	ARTICLE	IF	CITATIONS
554	Changes in resting-state fMRI in vestibular neuritis. <i>Brain Structure and Function</i> , 2014, 219, 1889-1900.	1.2	48
555	Resting-state Modulation of Alpha Rhythms by Interference with Angular Gyrus Activity. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 107-119.	1.1	41
556	Imaging markers of structural and functional brain changes that precede cognitive symptoms in risk for Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2014, 8, 251-261.	1.1	27
557	Biomarker Modelling of Early Molecular Changes in Alzheimer's Disease. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 213-227.	1.6	4
558	Direct, intraoperative observation of ~ 0.1 Hz hemodynamic oscillations in awake human cortex: Implications for fMRI. <i>NeuroImage</i> , 2014, 87, 323-331.	2.1	80
559	Differentially Disrupted Functional Connectivity in Posteromedial Cortical Subregions in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 527-543.	1.2	26
560	Precuneus Is a Functional Core of the Default-Mode Network. <i>Journal of Neuroscience</i> , 2014, 34, 932-940.	1.7	700
561	Future planning: default network activity couples with frontoparietal control network and reward-processing regions during process and outcome simulations. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1942-1951.	1.5	125
562	Disrupting posterior cingulate connectivity disconnects consciousness from the external environment. <i>Neuropsychologia</i> , 2014, 56, 239-244.	0.7	69
563	Functional connectivity of resting state EEG and symptom severity in patients with post-traumatic stress disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 51-57.	2.5	41
564	Functional Brain Connectivity Using fMRI in Aging and Alzheimer's Disease. <i>Neuropsychology Review</i> , 2014, 24, 49-62.	2.5	427
565	Brain Networks in Schizophrenia. <i>Neuropsychology Review</i> , 2014, 24, 32-48.	2.5	426
566	Neuroimaging and genetic risk for Alzheimer's disease and addiction-related degenerative brain disorders. <i>Brain Imaging and Behavior</i> , 2014, 8, 217-233.	1.1	14
567	Database of normal Japanese gray matter volumes in the default mode network. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 132-142.	1.9	4
568	The cross-functional role of frontoparietal regions in cognition: internal attention as the overarching mechanism. <i>Progress in Neurobiology</i> , 2014, 116, 66-86.	2.8	75
569	Functional Streams and Cortical Integration in the Human Brain. <i>Neuroscientist</i> , 2014, 20, 499-508.	2.6	36
570	Tracking Whole-Brain Connectivity Dynamics in the Resting State. <i>Cerebral Cortex</i> , 2014, 24, 663-676.	1.6	2,426
571	A multivariate distance-based analytic framework for connectome-wide association studies. <i>NeuroImage</i> , 2014, 93, 74-94.	2.1	158

#	ARTICLE	IF	CITATIONS
572	Changes in whole-brain functional networks and memory performance in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2193-2202.	1.5	124
573	Mapping distributed brain function and networks with diffuse optical tomography. <i>Nature Photonics</i> , 2014, 8, 448-454.	15.6	459
574	The role of the posterior cingulate cortex in cognition and disease. <i>Brain</i> , 2014, 137, 12-32.	3.7	1,721
575	Advancing research diagnostic criteria for Alzheimer's disease: the IWG-2 criteria. <i>Lancet Neurology</i> , 2014, 13, 614-629.	4.9	2,657
576	Parcellating an Individual Subject's Cortical and Subcortical Brain Structures Using Snowball Sampling of Resting-State Correlations. <i>Cerebral Cortex</i> , 2014, 24, 2036-2054.	1.6	115
577	Early Failure of the Default Mode Network and the Pathogenesis of Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 692-698.	1.9	50
579	Global Resting-State Functional Magnetic Resonance Imaging Analysis Identifies Frontal Cortex, Striatal, and Cerebellar Dysconnectivity in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2014, 75, 595-605.	0.7	222
580	Age-related functional reorganization, structural changes, and preserved cognition. <i>Neurobiology of Aging</i> , 2014, 35, 42-54.	1.5	95
581	Topological organization of the human brain functional connectome across the lifespan. <i>Developmental Cognitive Neuroscience</i> , 2014, 7, 76-93.	1.9	380
582	The structural-functional connectome and the default mode network of the human brain. <i>NeuroImage</i> , 2014, 102, 142-151.	2.1	283
583	Functional connectivity changes differ in early and late-onset alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 2978-2994.	1.9	99
585	Quantification of changes in language-related brain areas in autism spectrum disorders using large-scale network analysis. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 357-365.	1.7	27
586	Neuroimaging of Epilepsy: Lesions, Networks, Oscillations. <i>Clinical Neuroradiology</i> , 2014, 24, 5-15.	1.0	20
587	Efficiency of a "Small-World" Brain Network Depends on Consciousness Level: A Resting-State fMRI Study. <i>Cerebral Cortex</i> , 2014, 24, 1529-1539.	1.6	110
588	Impaired Long Distance Functional Connectivity and Weighted Network Architecture in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2014, 24, 1422-1435.	1.6	202
589	Altered resting-state connectivity in Huntington's Disease. <i>Human Brain Mapping</i> , 2014, 35, 2582-2593.	1.9	82
590	Improved mapping of interictal epileptiform discharges with <sc>EEG</sc> and <sc>MRI</sc> and voxel-wise functional connectivity analysis. <i>Epilepsia</i> , 2014, 55, 1380-1388.	2.6	10
591	Studying Brain Organization via Spontaneous fMRI Signal. <i>Neuron</i> , 2014, 84, 681-696.	3.8	239

#	ARTICLE	IF	CITATIONS
592	The Evolution of Preclinical Alzheimer's Disease: Implications for Prevention Trials. <i>Neuron</i> , 2014, 84, 608-622.	3.8	568
593	Dynamic functional connectomics signatures for characterization and differentiation of PTSD patients. <i>Human Brain Mapping</i> , 2014, 35, 1761-1778.	1.9	135
594	Medial temporal lobe default mode functioning and hippocampal structure as vulnerability indicators for schizophrenia: A MRI study of non-psychotic adolescent first-degree relatives. <i>Schizophrenia Research</i> , 2014, 159, 426-434.	1.1	25
595	Intrinsic Brain Activity of Cognitively Normal Older Persons Resembles More That of Patients Both with and at Risk for Alzheimer's Disease Than That of Healthy Younger Persons. <i>Brain Connectivity</i> , 2014, 4, 323-336.	0.8	2
596	Regional analysis of striatal and cortical amyloid deposition in patients with Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2014, 40, 2701-2706.	1.2	26
597	In Alzheimer's Disease, Hypometabolism in Low-Amyloid Brain Regions May Be a Functional Consequence of Pathologies in Connected Brain Regions. <i>Brain Connectivity</i> , 2014, 4, 371-383.	0.8	28
598	Common dysregulation network in the human prefrontal cortex underlies two neurodegenerative diseases. <i>Molecular Systems Biology</i> , 2014, 10, 743.	3.2	182
599	Does metabolic failure at the synapse cause Alzheimer's disease?. <i>Medical Hypotheses</i> , 2014, 83, 802-808.	0.8	10
600	Functional brain networks: great expectations, hard times and the big leap forward. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130525.	1.8	65
601	Within-patient correspondence of amyloid- β^2 and intrinsic network connectivity in Alzheimer's disease. <i>Brain</i> , 2014, 137, 2052-2064.	3.7	126
602	Reconfigurable task-dependent functional coupling modes cluster around a core functional architecture. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130526.	1.8	342
603	Resting-State Functional MR Imaging: A New Window to the Brain. <i>Radiology</i> , 2014, 272, 29-49.	3.6	301
604	Neural Correlates of Personal Space Intrusion. <i>Journal of Neuroscience</i> , 2014, 34, 4123-4134.	1.7	81
605	High-resolution photoacoustic tomography of resting-state functional connectivity in the mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 21-26.	3.3	276
606	Corticocortical Evoked Potentials Reveal Projectors and Integrators in Human Brain Networks. <i>Journal of Neuroscience</i> , 2014, 34, 9152-9163.	1.7	107
607	Functional and Structural MRI in Alzheimer's Disease: A Multimodal Approach. , 2014, , 371-422.		0
608	Towards network substrates of brain disorders. <i>Brain</i> , 2014, 137, 2117-2118.	3.7	35
609	Disruption of Resting Functional Connectivity in Alzheimer's Patients and At-Risk Subjects. <i>Current Neurology and Neuroscience Reports</i> , 2014, 14, 491.	2.0	42

#	ARTICLE	IF	CITATIONS
610	Energy landscape and dynamics of brain activity during human bistable perception. <i>Nature Communications</i> , 2014, 5, 4765.	5.8	87
611	Structural Imaging Measures of Brain Aging. <i>Neuropsychology Review</i> , 2014, 24, 271-289.	2.5	199
612	Fast computation of voxel-level brain connectivity maps from resting-state functional MRI using l1-norm as approximation of Pearson's temporal correlation: Proof-of-concept and example vector hardware implementation. <i>Medical Engineering and Physics</i> , 2014, 36, 1212-1217.	0.8	14
613	APOE2 enhances neuroprotection against Alzheimer's disease through multiple molecular mechanisms. <i>Molecular Psychiatry</i> , 2014, 19, 1243-1250.	4.1	156
614	Tracing the evolution of multi-scale functional networks in a mouse model of depression using persistent brain network homology. <i>NeuroImage</i> , 2014, 101, 351-363.	2.1	58
615	Early remodeling of the neocortex upon episodic memory encoding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11852-11857.	3.3	86
616	The Relevance of Beta-Amyloid on Markers of Alzheimer's Disease in Clinically Normal Individuals and Factors That Influence These Associations. <i>Neuropsychology Review</i> , 2014, 24, 300-312.	2.5	34
617	How Does it STAC Up? Revisiting the Scaffolding Theory of Aging and Cognition. <i>Neuropsychology Review</i> , 2014, 24, 355-370.	2.5	643
618	Fast construction of voxel-level functional connectivity graphs. <i>BMC Neuroscience</i> , 2014, 15, 78.	0.8	6
619	Default mode network in young male adults with autism spectrum disorder: relationship with autism spectrum traits. <i>Molecular Autism</i> , 2014, 5, 35.	2.6	120
620	Modern network science of neurological disorders. <i>Nature Reviews Neuroscience</i> , 2014, 15, 683-695.	4.9	1,025
621	Understanding human original actions directed at real-world goals: The role of the lateral prefrontal cortex. <i>NeuroImage</i> , 2014, 103, 91-105.	2.1	4
622	Brain network alterations in Alzheimer's disease measured by Eigenvector centrality in fMRI are related to cognition and CSF biomarkers. <i>Human Brain Mapping</i> , 2014, 35, 2383-2393.	1.9	108
623	Preserved high-centrality hubs but efficient network reorganization during eyes-open state compared with eyes-closed resting state: an MEG study. <i>Journal of Neurophysiology</i> , 2014, 111, 1455-1465.	0.9	26
624	Does motion-related brain functional connectivity reflect both artifacts and genuine neural activity?. <i>NeuroImage</i> , 2014, 101, 87-95.	2.1	57
625	Abnormal autonomic and associated brain activities during rest in autism spectrum disorder. <i>Brain</i> , 2014, 137, 153-171.	3.7	70
626	Disrupted structural and functional brain connectomes in mild cognitive impairment and Alzheimer's disease. <i>Neuroscience Bulletin</i> , 2014, 30, 217-232.	1.5	135
627	MRI in Psychiatry. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
628	Network Dysfunction in Alzheimer's Disease: Refining the Disconnection Hypothesis. <i>Brain Connectivity</i> , 2014, 4, 299-311.	0.8	151
629	Diabetes Mellitus and Disturbances in Brain Connectivity: A Bidirectional Relationship?. <i>NeuroMolecular Medicine</i> , 2014, 16, 658-668.	1.8	25
630	Network measures predict neuropsychological outcome after brain injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14247-14252.	3.3	240
631	Disrupted brain network topology in Parkinson's disease: a longitudinal magnetoencephalography study. <i>Brain</i> , 2014, 137, 197-207.	3.7	224
632	Does ethnicity moderate dementia's biomarkers?. <i>Neurobiology of Aging</i> , 2014, 35, 336-344.	1.5	16
633	Rich-club organization of the newborn human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7456-7461.	3.3	300
634	Aberrant network integrity of the inferior frontal cortex in women with anorexia nervosa. <i>NeuroImage: Clinical</i> , 2014, 4, 615-622.	1.4	46
635	Brain systems underlying the affective and social monitoring of actions: An integrative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 71-84.	2.9	160
636	The impact of image smoothness on intrinsic functional connectivity and head motion confounds. <i>NeuroImage</i> , 2014, 95, 13-21.	2.1	62
637	A quantitative neural network approach to understanding aging phenotypes. <i>Ageing Research Reviews</i> , 2014, 15, 44-50.	5.0	20
638	Abnormal functional connectivity density in psychogenic non-epileptic seizures. <i>Epilepsy Research</i> , 2014, 108, 1184-1194.	0.8	81
639	Longitudinal assessment of default-mode brain function in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2107-2117.	1.5	94
640	Contributions of episodic retrieval and mentalizing to autobiographical thought: Evidence from functional neuroimaging, resting-state connectivity, and fMRI meta-analyses. <i>NeuroImage</i> , 2014, 91, 324-335.	2.1	279
641	Understanding brain networks and brain organization. <i>Physics of Life Reviews</i> , 2014, 11, 400-435.	1.5	294
642	The contribution of sensory system functional connectivity reduction to clinical pain in fibromyalgia. <i>Pain</i> , 2014, 155, 1492-1503.	2.0	100
643	Classifying the wandering mind: Revealing the affective content of thoughts during task-free rest periods. <i>NeuroImage</i> , 2014, 97, 107-116.	2.1	86
644	Altered resting-state functional connectivity in patients with chronic bilateral vestibular failure. <i>NeuroImage: Clinical</i> , 2014, 4, 488-499.	1.4	43
645	Off-line consolidation of motor sequence learning results in greater integration within a cortico-striatal functional network. <i>NeuroImage</i> , 2014, 99, 50-58.	2.1	67

#	ARTICLE	IF	CITATIONS
646	Test-retest reliabilities of resting-state fMRI measurements in human brain functional connectomics: A systems neuroscience perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 100-118.	2.9	569
647	Financial literacy is associated with medial brain region functional connectivity in old age. <i>Archives of Gerontology and Geriatrics</i> , 2014, 59, 429-438.	1.4	24
648	Intrinsic Connectivity Identifies the Hippocampus as a Main Crossroad between Alzheimer's and Semantic Dementia-Targeted Networks. <i>Neuron</i> , 2014, 81, 1417-1428.	3.8	148
649	Assessing the function of the fronto-parietal attention network: Insights from resting-state fMRI and the attentional network test. <i>Human Brain Mapping</i> , 2014, 35, 1700-1709.	1.9	119
650	Cortical Amyloid Beta in Cognitively Normal Elderly Adults is Associated with Decreased Network Efficiency within the Cerebro-Cerebellar System. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 52.	1.7	26
651	The role of domain-general cognitive control in language comprehension. <i>Frontiers in Psychology</i> , 2014, 5, 335.	1.1	177
652	A computational study of whole-brain connectivity in resting state and task fMRI. <i>Medical Science Monitor</i> , 2014, 20, 1024-1042.	0.5	19
653	Disturbed Default Mode Network Connectivity Patterns in Alzheimer's Disease Associated with Visual Processing. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 1229-1238.	1.2	18
654	Decreased Functional Connectivity and Disturbed Directionality of Information Flow in the Electroencephalography of Intensive Care Unit Patients with Delirium after Cardiac Surgery. <i>Anesthesiology</i> , 2014, 121, 328-335.	1.3	82
655	IC-P-156: BRAIN STRUCTURAL, FUNCTIONAL, AND COGNITIVE CORRELATES OF RECENT VERSUS REMOTE AUTOBIOGRAPHICAL MEMORIES IN MILD COGNITIVE IMPAIRMENT. , 2014, 10, P89-P89.		0
656	Resting State Executive Control Network Adaptations in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 993-1004.	1.2	36
657	Widespread Alterations in Functional Brain Network Architecture in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 213-220.	1.2	35
658	On emotion-cognition integration: The effect of happy and sad moods on language comprehension. <i>Behavioral and Brain Sciences</i> , 2015, 38, e73.	0.4	2
659	Integration of cognition and emotion in physical and mental actions in musical and other behaviors. <i>Behavioral and Brain Sciences</i> , 2015, 38, e76.	0.4	9
660	How arousal influences neural competition: What dual competition does not explain. <i>Behavioral and Brain Sciences</i> , 2015, 38, e77.	0.4	3
661	The cognitive-emotional brain is an embodied and social brain. <i>Behavioral and Brain Sciences</i> , 2015, 38, e78.	0.4	2
662	Behavioral evidence for a continuous approach to the perception of emotionally valenced stimuli. <i>Behavioral and Brain Sciences</i> , 2015, 38, e79.	0.4	2
663	United we stand, divided we fall: Cognition, emotion, and the moral link between them. <i>Behavioral and Brain Sciences</i> , 2015, 38, e80.	0.4	3

#	ARTICLE	IF	CITATIONS
664	Surprise as an ideal case for the interplay of cognition and emotion. Behavioral and Brain Sciences, 2015, 38, e74.	0.4	3
665	Models for cognition and emotion: Evolutionary and linguistic considerations. Behavioral and Brain Sciences, 2015, 38, e81.	0.4	0
666	On theory integration: Toward developing affective components within cognitive architectures. Behavioral and Brain Sciences, 2015, 38, e82.	0.4	0
667	Neuropsychology still needs to model organismic processes "from within". Behavioral and Brain Sciences, 2015, 38, e83.	0.4	9
668	When emotion and cognition do (not) work together: Delusions as emotional and executive dysfunctions. Behavioral and Brain Sciences, 2015, 38, e84.	0.4	5
669	Active inference and cognitive-emotional interactions in the brain. Behavioral and Brain Sciences, 2015, 38, e85.	0.4	18
670	The cognitive-emotional brain: Opportunities and challenges for understanding neuropsychiatric disorders. Behavioral and Brain Sciences, 2015, 38, e86.	0.4	15
671	Strengthening emotion-cognition integration. Behavioral and Brain Sciences, 2015, 38, e87.	0.4	2
672	Social theory and the cognitive-emotional brain. Behavioral and Brain Sciences, 2015, 38, e88.	0.4	2
673	Precision about the automatic emotional brain. Behavioral and Brain Sciences, 2015, 38, e89.	0.4	1
674	Preferences and motivations with and without inferences. Behavioral and Brain Sciences, 2015, 38, e90.	0.4	1
675	The cognitive-emotional amalgam. Behavioral and Brain Sciences, 2015, 38, e91.	0.4	21
676	Individual differences in rumination in healthy and depressive samples: association with brain structure, functional connectivity and depression. Psychological Medicine, 2015, 45, 2999-3008.	2.7	41
677	Cognition as the tip of the emotional iceberg: A neuro-evolutionary perspective. Behavioral and Brain Sciences, 2015, 38, e72.	0.4	1
678	Enactive neuroscience, the direct perception hypothesis, and the socially extended mind. Behavioral and Brain Sciences, 2015, 38, e75.	0.4	11
679	The relationships between the identified critical nodes within DTI-based brain structural network using hub measurements and vulnerability measurement. , 2015, 2015, 422-5.		1
680	Abnormal cortical thickness connectivity persists in childhood absence epilepsy. Annals of Clinical and Translational Neurology, 2015, 2, 456-464.	1.7	16
681	Dissociated multimodal hubs and seizures in temporal lobe epilepsy. Annals of Clinical and Translational Neurology, 2015, 2, 338-352.	1.7	25

#	ARTICLE	IF	CITATIONS
683	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
684	Greater than the sum of its parts: $\hat{\Gamma}$ Improves upon a battery's diagnostic performance.. <i>Neuropsychology</i> , 2015, 29, 683-692.	1.0	16
685	The global landscape of cognition: hierarchical aggregation as an organizational principle of human cortical networks and functions. <i>Scientific Reports</i> , 2015, 5, 18112.	1.6	77
686	Test-retest resting-state fMRI in healthy elderly persons with a family history of Alzheimer's disease. <i>Scientific Data</i> , 2015, 2, 150043.	2.4	30
687	Tract Based Spatial Statistic Reveals No Differences in White Matter Microstructural Organization between Carriers and Non-Carriers of the APOE ϵ 4 and ϵ 2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 977-984.	1.2	17
688	Intrinsic Functional Plasticity of the Sensory-Motor Network in Patients with Cervical Spondylotic Myelopathy. <i>Scientific Reports</i> , 2015, 5, 9975.	1.6	38
689	Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. <i>Molecular Autism</i> , 2015, 6, 30.	2.6	78
690	The Effects of the X Chromosome on Intrinsic Functional Connectivity in the Human Brain: Evidence from Turner Syndrome Patients. <i>Cerebral Cortex</i> , 2015, 27, bhv240.	1.6	16
691	Resting state functional <i>MRI</i> reveals abnormal network connectivity in neurofibromatosis 1. <i>Human Brain Mapping</i> , 2015, 36, 4566-4581.	1.9	29
692	Test-Retest Reliability of Graph Metrics in High-Resolution Functional Connectomics: A Resting-State Functional <i>MRI</i> Study. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 802-816.	1.9	41
693	Resting-state functional connectivity and nicotine addiction: prospects for biomarker development. <i>Annals of the New York Academy of Sciences</i> , 2015, 1349, 64-82.	1.8	133
694	Reduced executive and default network functional connectivity in cigarette smokers. <i>Human Brain Mapping</i> , 2015, 36, 872-882.	1.9	81
695	Rich club analysis in the Alzheimer's disease connectome reveals a relatively undisturbed structural core network. <i>Human Brain Mapping</i> , 2015, 36, 3087-3103.	1.9	125
696	Wavelet-based regularity analysis reveals recurrent spatiotemporal behavior in resting-state fMRI. <i>Human Brain Mapping</i> , 2015, 36, 3603-3620.	1.9	26
697	Effects of <i>APOE</i> promoter polymorphism on the topological organization of brain structural connectome in nondemented elderly. <i>Human Brain Mapping</i> , 2015, 36, 4847-4858.	1.9	21
698	Loss of <i>EEG</i> network <i>Efficiency</i> <i>Related</i> to <i>Cognitive</i> <i>Impairment</i> in <i>Dementia</i> <i>With</i> <i>Lewy</i> <i>Pathologies</i> . <i>Movement Disorders</i> , 2015, 30, 1785-1793.	2.2	65
699	Propagation of Pathology through Brain Networks in Neurodegenerative Diseases: From Molecules to Clinical Phenotypes. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 754-767.	1.9	38
700	Resiliency of cortical neural networks against cascaded failures. <i>NeuroReport</i> , 2015, 26, 718-722.	0.6	3

#	ARTICLE	IF	CITATIONS
701	Epicentral Disruption of Structural Connectivity in Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 837-845.	1.9	36
702	Deep brain stimulation targeting the fornix for mild Alzheimer dementia: design of the ADvance randomized controlled trial. <i>Open Access Journal of Clinical Trials</i> , 0, , 63.	1.5	1
703	The Latent Dementia Phenotype $\hat{\Gamma}$ is Associated with Cerebrospinal Fluid Biomarkers of Alzheimer's Disease and Predicts Conversion to Dementia in Subjects with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 547-560.	1.2	23
704	Functional Connectivity Hubs Could Serve as a Potential Biomarker in Alzheimer's Disease: A Reproducible Study. <i>Current Alzheimer Research</i> , 2015, 12, 974-983.	0.7	21
705	Altered hub configurations during propofol-induced loss of consciousness. , 2015, , .		0
706	Abnormal Degree Centrality of Bilateral Putamen and Left Superior Frontal Gyrus in Schizophrenia with Auditory Hallucinations. <i>Chinese Medical Journal</i> , 2015, 128, 3178-3184.	0.9	27
707	Sex-Specific Patterns of Aberrant Brain Function in First-Episode Treatment-Naive Patients with Schizophrenia. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16125-16143.	1.8	24
708	Widespread Increase of Functional Connectivity in Parkinson's Disease with Tremor: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 6.	1.7	56
709	On the central role of brain connectivity in neurodegenerative disease progression. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 90.	1.7	53
710	Asymmetric projections of the arcuate fasciculus to the temporal cortex underlie lateralized language function in the human brain. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 119.	0.9	31
711	Building an adaptive brain across development: targets for neurorehabilitation must begin in infancy. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 232.	1.0	28
712	Individual variability in the anatomical distribution of nodes participating in rich club structural networks. <i>Frontiers in Neural Circuits</i> , 2015, 9, 16.	1.4	14
713	A Winding Road: Alzheimer's Disease Increases Circuitous Functional Connectivity Pathways. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 140.	1.2	12
714	The Compression Flow as a Measure to Estimate the Brain Connectivity Changes in Resting State fMRI and 18FDG-PET Alzheimer's Disease Connectomes. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 148.	1.2	9
715	Test-retest reliability of white matter structural brain networks: a multiband diffusion MRI study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 59.	1.0	22
716	Functional MRI neurofeedback training on connectivity between two regions induces long-lasting changes in intrinsic functional network. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 160.	1.0	116
717	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 386.	1.0	758
718	Spontaneous functional network dynamics and associated structural substrates in the human brain. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 478.	1.0	58

#	ARTICLE	IF	CITATIONS
719	Dementia resulting from traumatic brain injury. <i>Dementia E Neuropsychologia</i> , 2015, 9, 356-368.	0.3	12
720	Serum Interleukin (IL)-15 as a Biomarker of Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0117282.	1.1	43
721	Dynamically Allocated Hub in Task-Evoked Network Predicts the Vulnerable Prefrontal Locus for Contextual Memory Retrieval in Macaques. <i>PLoS Biology</i> , 2015, 13, e1002177.	2.6	19
722	A Spectral Graph Regression Model for Learning Brain Connectivity of Alzheimer's Disease. <i>PLoS ONE</i> , 2015, 10, e0128136.	1.1	35
723	Increased Intrinsic Connectivity of the Default Mode Network in Temporal Lobe Epilepsy: Evidence from Resting-State MEG Recordings. <i>PLoS ONE</i> , 2015, 10, e0128787.	1.1	58
724	Network Centrality of Resting-State fMRI in Primary Angle-Closure Glaucoma Before and After Surgery. <i>PLoS ONE</i> , 2015, 10, e0141389.	1.1	45
725	Individual Variability and Test-Retest Reliability Revealed by Ten Repeated Resting-State Brain Scans over One Month. <i>PLoS ONE</i> , 2015, 10, e0144963.	1.1	117
726	Reorganization of brain networks in aging: a review of functional connectivity studies. <i>Frontiers in Psychology</i> , 2015, 6, 663.	1.1	396
727	Future Dementia Severity is Almost Entirely Explained by the Latent Variable's Intercept and Slope. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 521-529.	1.2	23
728	Assessment of Functional Characteristics of Amnesic Mild Cognitive Impairment and Alzheimer's Disease Using Various Methods of Resting-State FMRI Analysis. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	41
729	A Window into the Brain: Advances in Psychiatric fMRI. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	18
730	Aberrant Functional Connectivity Architecture in Alzheimer's Disease and Mild Cognitive Impairment: A Whole-Brain, Data-Driven Analysis. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	30
731	Network structure of brain atrophy in de novo Parkinson's disease. <i>ELife</i> , 2015, 4, .	2.8	187
732	Cerebral Lateralization is Protective in the Very Prematurely Born. <i>Cerebral Cortex</i> , 2015, 25, 1858-1866.	1.6	49
733	Presurgery resting-state local graph theory measures predict neurocognitive outcomes after brain surgery in temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 517-526.	2.6	63
734	Between-network connectivity occurs in brain regions lacking layer IV input. <i>NeuroImage</i> , 2015, 116, 50-58.	2.1	15
735	Ketamine induces a robust whole-brain connectivity pattern that can be differentially modulated by drugs of different mechanism and clinical profile. <i>Psychopharmacology</i> , 2015, 232, 4205-4218.	1.5	64
736	Apolipoprotein E ϵ 4 Modulates Cognitive Profiles, Hippocampal Volume, and Resting-State Functional Connectivity in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 781-795.	1.2	31

#	ARTICLE	IF	CITATIONS
737	Intrinsic Patterns of Coupling between Correlation and Amplitude of Low-Frequency fMRI Fluctuations Are Disrupted in Degenerative Dementia Mainly due to Functional Disconnection. PLoS ONE, 2015, 10, e0120988.	1.1	43
738	Quantifying the predictive power of resting-state functional connectivity (rs-fc) fMRI for identifying patients with Alzheimer's disease (AD). Clinical Neurophysiology, 2015, 126, 2043-2044.	0.7	4
739	White Matter Degeneration in Atypical Alzheimer Disease. Radiology, 2015, 277, 162-172.	3.6	55
740	Interactions between the Salience and Default-Mode Networks Are Disrupted in Cocaine Addiction. Journal of Neuroscience, 2015, 35, 8081-8090.	1.7	108
742	Sex differences in intrinsic brain functional connectivity underlying human shyness. Social Cognitive and Affective Neuroscience, 2015, 10, 1634-1643.	1.5	16
743	The (in)stability of functional brain network measures across thresholds. NeuroImage, 2015, 118, 651-661.	2.1	228
744	Establishing task- and modality-dependent dissociations between the semantic and default mode networks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7857-7862.	3.3	170
745	Existing Pittsburgh Compound-B positron emission tomography thresholds are too high: statistical and pathological evaluation. Brain, 2015, 138, 2020-2033.	3.7	319
746	The Neonatal Connectome During Preterm Brain Development. Cerebral Cortex, 2015, 25, 3000-3013.	1.6	311
747	Is There a Nonadditive Interaction Between Spontaneous and Evoked Activity? Phase-Dependence and Its Relation to the Temporal Structure of Scale-Free Brain Activity. Cerebral Cortex, 2017, 27, bhv288.	1.6	92
748	Characterizations of resting-state modulatory interactions in the human brain. Journal of Neurophysiology, 2015, 114, 2785-2796.	0.9	40
749	APOE Polymorphism Affects Brain Default Mode Network in Healthy Young Adults. Medicine (United States), 2015, 94, 1074-1081.	0.4	24
750	Integrating structural and functional brain connectivity image, signal, and data processing problems. , 2015, , .		1
751	The Structural and Functional Connectome and Prediction of Risk for Cognitive Impairment in Older Adults. Current Behavioral Neuroscience Reports, 2015, 2, 234-245.	0.6	41
752	Massachusetts Alzheimer's Disease Research Center: Progress and challenges. Alzheimer's and Dementia, 2015, 11, 1241-1245.	0.4	7
753	Preventing Alzheimer's disease by means of natural selection. Journal of the Royal Society Interface, 2015, 12, 20140919.	1.5	21
754	The connectomics of brain disorders. Nature Reviews Neuroscience, 2015, 16, 159-172.	4.9	1,315
755	Multimodal analysis of functional and structural disconnection in Alzheimer's disease using multiple kernel SVM. Human Brain Mapping, 2015, 36, 2118-2131.	1.9	156

#	ARTICLE	IF	CITATIONS
756	Prefrontal Hypometabolism in Alzheimer Disease Is Related to Longitudinal Amyloid Accumulation in Remote Brain Regions. <i>Journal of Nuclear Medicine</i> , 2015, 56, 399-404.	2.8	49
757	An OP4 Functional Stream in the Language-Related Neuroarchitecture. <i>Cerebral Cortex</i> , 2015, 25, 658-666.	1.6	22
758	The use of functional and effective connectivity techniques to understand the developing brain. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 155-164.	1.9	60
759	Large-scale Probabilistic Functional Modes from resting state fMRI. <i>NeuroImage</i> , 2015, 109, 217-231.	2.1	98
760	The metabolism hypothesis of Alzheimer's disease: from the concept of central insulin resistance and associated consequences to insulin therapy. <i>Journal of Neural Transmission</i> , 2015, 122, 499-504.	1.4	33
761	Apolipoprotein E ϵ 4 modulates functional brain connectome in Alzheimer's disease. <i>Human Brain Mapping</i> , 2015, 36, 1828-1846.	1.9	89
762	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2015, 25, 3723-3742.	1.6	270
763	Disrupted Intrinsic Networks Link Amyloid- β Pathology and Impaired Cognition in Prodromal Alzheimer's Disease. <i>Cerebral Cortex</i> , 2015, 25, 4678-4688.	1.6	92
764	Adaptive mechanisms of developing brain: Cerebral lateralization in the prematurely-born. <i>NeuroImage</i> , 2015, 108, 144-150.	2.1	58
765	Disrupted cortical hubs in functional brain networks in social anxiety disorder. <i>Clinical Neurophysiology</i> , 2015, 126, 1711-1716.	0.7	126
766	Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. <i>Human Brain Mapping</i> , 2015, 36, 577-590.	1.9	66
767	Age-related differences in electroencephalogram connectivity and network topology. <i>Neurobiology of Aging</i> , 2015, 36, 1849-1859.	1.5	60
768	Hubs and Pathways. , 2015, , 441-447.		0
769	Large-Scale Functional Brain Organization. , 2015, , 449-459.		36
770	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 331-338.	0.9	75
771	Imaging Neurodegeneration: Steps Toward Brain Network-Based Pathophysiology and Its Potential for Multi-modal Imaging Diagnostics. <i>Clinical Neuroradiology</i> , 2015, 25, 177-181.	1.0	6
772	Default mode network connectivity during task execution. <i>NeuroImage</i> , 2015, 122, 96-104.	2.1	127
773	Altered whole-brain white matter networks in preclinical Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2015, 8, 660-666.	1.4	85

#	ARTICLE	IF	CITATIONS
774	An Integrative Model of the Maturation of Cognitive Control. <i>Annual Review of Neuroscience</i> , 2015, 38, 151-170.	5.0	339
775	Estimating Large-Scale Network Convergence in the Human Functional Connectome. <i>Brain Connectivity</i> , 2015, 5, 565-574.	0.8	22
776	Network analysis for a network disorder: The emerging role of graph theory in the study of epilepsy. <i>Epilepsy and Behavior</i> , 2015, 50, 162-170.	0.9	210
777	Neural networks supporting switching, hypothesis testing, and rule application. <i>Neuropsychologia</i> , 2015, 77, 19-34.	0.7	31
778	PCC characteristics at rest in 10-year memory decliners. <i>Neurobiology of Aging</i> , 2015, 36, 2812-2820.	1.5	28
779	The frequency dimension of fMRI dynamic connectivity: Network connectivity, functional hubs and integration in the resting brain. <i>NeuroImage</i> , 2015, 121, 227-242.	2.1	115
780	Connectivity analysis of normal and mild cognitive impairment patients based on FDG and PiB-PET images. <i>Neuroscience Research</i> , 2015, 98, 50-58.	1.0	19
781	Lateral Prefrontal Cortex Contributes to Fluid Intelligence Through Multinetwork Connectivity. <i>Brain Connectivity</i> , 2015, 5, 497-504.	0.8	80
782	Functional Hubs in Mild Cognitive Impairment. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550034.	0.7	12
783	Hubs of Anticorrelation in High-Resolution Resting-State Functional Connectivity Network Architecture. <i>Brain Connectivity</i> , 2015, 5, 267-275.	0.8	51
784	Differential Patterns of Dysfunction in Neurodegenerative Dementias. , 2015, , 625-631.		1
785	Methodological Issues in fMRI Functional Connectivity and Network Analysis. , 2015, , 697-704.		1
786	Functional connectivity hubs of the mouse brain. <i>NeuroImage</i> , 2015, 115, 281-291.	2.1	161
787	PrÃ©cis on <i>The Cognitive-Emotional Brain</i>. <i>Behavioral and Brain Sciences</i> , 2015, 38, e71.	0.4	52
788	Experimentally induced thyrotoxicosis leads to increased connectivity in temporal lobe structures: A resting state fMRI study. <i>Psychoneuroendocrinology</i> , 2015, 56, 100-109.	1.3	27
789	Normal Aging of the Brain. , 2015, , 603-617.		25
790	BOLD fMRI Correlation Reflects Frequency-Specific Neuronal Correlation. <i>Current Biology</i> , 2015, 25, 1368-1374.	1.8	141
791	The organisation of the elderly connectome. <i>NeuroImage</i> , 2015, 114, 414-426.	2.1	62

#	ARTICLE	IF	CITATIONS
792	Brain aerobic glycolysis functions and Alzheimer's disease. <i>Clinical and Translational Imaging</i> , 2015, 3, 27-37.	1.1	71
793	Focal cortical dysplasia alters electrophysiological cortical hubs in the resting-state. <i>Clinical Neurophysiology</i> , 2015, 126, 1482-1492.	0.7	15
794	The Role of the Tripartite Glutamatergic Synapse in the Pathophysiology of Alzheimer's Disease. , 2015, 6, 131.		114
795	Oxytocin Affects the Connectivity of the Precuneus and the Amygdala: A Randomized, Double-Blinded, Placebo-Controlled Neuroimaging Trial. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	26
796	Apolipoprotein E-dependent load of white matter hyperintensities in Alzheimer's disease: a voxel-based lesion mapping study. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 27.	3.0	13
797	Echoes of the Brain. <i>Neuroscientist</i> , 2015, 21, 540-551.	2.6	27
798	Transcranial direct current stimulation in mild cognitive impairment: Behavioral effects and neural mechanisms. <i>Alzheimer's and Dementia</i> , 2015, 11, 1032-1040.	0.4	155
799	Relationship between simultaneously acquired resting-state regional cerebral glucose metabolism and functional MRI: A PET/MR hybrid scanner study. <i>NeuroImage</i> , 2015, 113, 111-121.	2.1	182
800	Mesial temporal lobe epilepsy with hippocampal sclerosis is a network disorder with altered cortical hubs. <i>Epilepsia</i> , 2015, 56, 772-779.	2.6	56
801	Joint effects of gray matter atrophy and altered functional connectivity on cognitive deficits in amnesic mild cognitive impairment patients. <i>Psychological Medicine</i> , 2015, 45, 1799-1810.	2.7	35
802	Long-and short-range functional connectivity density alteration in non-alcoholic cirrhotic patients one month after liver transplantation: A resting-state fMRI study. <i>Brain Research</i> , 2015, 1620, 177-187.	1.1	16
803	Rich Club Organization and Cognitive Performance in Healthy Older Participants. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1801-1810.	1.1	53
804	Sub-hubs of baseline functional brain networks are related to early improvement following two-week pharmacological therapy for major depressive disorder. <i>Human Brain Mapping</i> , 2015, 36, 2915-2927.	1.9	72
806	Sensation-to-cognition cortical streams in attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2015, 36, 2544-2557.	1.9	44
807	From Intrinsic Firing Properties to Selective Neuronal Vulnerability in Neurodegenerative Diseases. <i>Neuron</i> , 2015, 85, 901-910.	3.8	96
808	Cognitive Network Neuroscience. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1471-1491.	1.1	343
809	Effects of chronic and acute stimulants on brain functional connectivity hubs. <i>Brain Research</i> , 2015, 1628, 147-156.	1.1	59
810	Mapping the Progression of Atrophy in Early- and Late-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 351-364.	1.2	71

#	ARTICLE	IF	CITATIONS
811	Altered functional connectivity in the brain default-mode network of earthquake survivors persists after 2 years despite recovery from anxiety symptoms. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1497-1505.	1.5	29
812	Neural mechanisms of acupuncture as revealed by fMRI studies. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 190, 1-9.	1.4	45
813	Controllability of structural brain networks. <i>Nature Communications</i> , 2015, 6, 8414.	5.8	600
814	Resting-state connectivity of the amygdala predicts response to cognitive behavioral therapy in obsessive compulsive disorder. <i>Biological Psychology</i> , 2015, 111, 100-109.	1.1	61
815	Converging models of schizophrenia – Network alterations of prefrontal cortex underlying cognitive impairments. <i>Progress in Neurobiology</i> , 2015, 134, 178-201.	2.8	71
816	Abnormal degree centrality of functional hubs associated with negative coping in older Chinese adults who lost their only child. <i>Biological Psychology</i> , 2015, 112, 46-55.	1.1	27
817	Intrinsic brain indices of verbal working memory capacity in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2015, 15, 67-82.	1.9	36
818	Impaired Cholinergic Excitation of Prefrontal Attention Circuitry in the TgCRND8 Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2015, 35, 12779-12791.	1.7	18
819	Measuring macroscopic brain connections in vivo. <i>Nature Neuroscience</i> , 2015, 18, 1546-1555.	7.1	292
820	Altered cortical hubs in functional brain networks in amyotrophic lateral sclerosis. <i>Neurological Sciences</i> , 2015, 36, 2097-2104.	0.9	12
821	Abnormalities in personal space and parietal – frontal function in schizophrenia. <i>NeuroImage: Clinical</i> , 2015, 9, 233-243.	1.4	45
822	Task-positive Functional Connectivity of the Default Mode Network Transcends Task Domain. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2369-2381.	1.1	95
823	Annual Research Review: Growth connectomics – the organization and reorganization of brain networks during normal and abnormal development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 299-320.	3.1	173
824	Association of Thalamic Dysconnectivity and Conversion to Psychosis in Youth and Young Adults at Elevated Clinical Risk. <i>JAMA Psychiatry</i> , 2015, 72, 882.	6.0	284
825	Synchronization, non-linear dynamics and low-frequency fluctuations: Analogy between spontaneous brain activity and networked single-transistor chaotic oscillators. <i>Chaos</i> , 2015, 25, 033107.	1.0	27
826	Diametrical diseases reflect evolutionary-genetic tradeoffs. <i>Evolution, Medicine and Public Health</i> , 2015, 2015, 216-253.	1.1	49
827	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. <i>Neurobiology of Aging</i> , 2015, 36, 3255-3268.	1.5	64
828	Nodal centrality of functional network in the differentiation of schizophrenia. <i>Schizophrenia Research</i> , 2015, 168, 345-352.	1.1	57

#	ARTICLE	IF	CITATIONS
829	Degree centrality and fractional amplitude of low-frequency oscillations associated with Stroop interference. <i>NeuroImage</i> , 2015, 119, 197-209.	2.1	67
830	Altered long- and short-range functional connectivity in the patients with end-stage renal disease: a resting-state functional MRI study. <i>Metabolic Brain Disease</i> , 2015, 30, 1175-1186.	1.4	18
831	Brain structural, functional, and cognitive correlates of recent versus remote autobiographical memories in amnesic Mild Cognitive Impairment. <i>NeuroImage: Clinical</i> , 2015, 8, 473-482.	1.4	34
832	Resting-state functional connectivity abnormalities correlate with psychometric hepatic encephalopathy score in cirrhosis. <i>European Journal of Radiology</i> , 2015, 84, 2287-2295.	1.2	48
833	Loss of functional connectivity is greater outside the default mode network in nonfamilial early-onset Alzheimer's disease variants. <i>Neurobiology of Aging</i> , 2015, 36, 2678-2686.	1.5	72
834	Integrated multimodal imaging in neurodegenerative disease. <i>Lancet Neurology</i> , The, 2015, 14, 973-975.	4.9	3
835	Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury. <i>Journal of Neuroscience</i> , 2015, 35, 12932-12946.	1.7	128
836	Cortisol awakening response predicts intrinsic functional connectivity of the medial prefrontal cortex in the afternoon of the same day. <i>NeuroImage</i> , 2015, 122, 158-165.	2.1	18
837	Default Mode Dynamics for Global Functional Integration. <i>Journal of Neuroscience</i> , 2015, 35, 15254-15262.	1.7	290
838	Chronology and Chronicity of Altered Resting-State Functional Connectivity after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 252-264.	1.7	59
839	Increased functional connectivity strength of right inferior temporal gyrus in first-episode, drug-naïve somatization disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 74-81.	1.3	59
840	Identifying Sparse Connectivity Patterns in the brain using resting-state fMRI. <i>NeuroImage</i> , 2015, 105, 286-299.	2.1	81
841	Reproducibility of Graph-Theoretic Brain Network Metrics: A Systematic Review. <i>Brain Connectivity</i> , 2015, 5, 193-202.	0.8	74
842	Assessing dynamic brain graphs of time-varying connectivity in fMRI data: Application to healthy controls and patients with schizophrenia. <i>NeuroImage</i> , 2015, 107, 345-355.	2.1	194
843	Relationships between default-mode network connectivity, medial temporal lobe structure, and age-related memory deficits. <i>Neurobiology of Aging</i> , 2015, 36, 265-272.	1.5	86
844	The effects of antidepressant treatment on resting-state functional brain networks in patients with major depressive disorder. <i>Human Brain Mapping</i> , 2015, 36, 768-778.	1.9	154
845	Brain network activity in monolingual and bilingual older adults. <i>Neuropsychologia</i> , 2015, 66, 170-181.	0.7	144
846	Definition and characterization of an extended social-affective default network. <i>Brain Structure and Function</i> , 2015, 220, 1031-1049.	1.2	183

#	ARTICLE	IF	CITATIONS
847	Functional Connectivity Bias in the Prefrontal Cortex of Psychopaths. <i>Biological Psychiatry</i> , 2015, 78, 647-655.	0.7	91
848	Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. <i>Brain Structure and Function</i> , 2015, 220, 745-762.	1.2	63
849	Toward neurobiological characterization of functional homogeneity in the human cortex: regional variation, morphological association and functional covariance network organization. <i>Brain Structure and Function</i> , 2015, 220, 2485-2507.	1.2	110
850	Anomalous brain functional connectivity contributing to poor adaptive behavior in Down syndrome. <i>Cortex</i> , 2015, 64, 148-156.	1.1	64
851	Reconciling abnormalities of brain network structure and function in schizophrenia. <i>Current Opinion in Neurobiology</i> , 2015, 30, 44-50.	2.0	131
852	Weighted brain networks in disease: centrality and entropy in human immunodeficiency virus and aging. <i>Neurobiology of Aging</i> , 2015, 36, 401-412.	1.5	45
853	Positive and negative affective processing exhibit dissociable functional hubs during the viewing of affective pictures. <i>Human Brain Mapping</i> , 2015, 36, 415-426.	1.9	40
854	Depression, Neuroimaging and Connectomics: A Selective Overview. <i>Biological Psychiatry</i> , 2015, 77, 223-235.	0.7	401
855	Distracted and down: neural mechanisms of affective interference in subclinical depression. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 654-663.	1.5	122
856	A study of structural and functional connectivity in early Alzheimer's disease using rest fMRI and diffusion tensor imaging. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 497-504.	1.3	43
857	Spatial and temporal functional connectivity changes between resting and attentive states. <i>Human Brain Mapping</i> , 2015, 36, 549-565.	1.9	52
858	Early and Late Age of Seizure Onset have a Differential Impact on Brain Resting-State Organization in Temporal Lobe Epilepsy. <i>Brain Topography</i> , 2015, 28, 113-126.	0.8	40
859	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2016, 79, 107-116.	0.7	57
860	Cortico-Cortical Connections of Primary Sensory Areas and Associated Symptoms in Migraine. <i>ENeuro</i> , 2016, 3, ENEURO.0163-16.2016.	0.9	37
861	The Voxel-Wise Functional Connectome Can Be Efficiently Derived from Co-activations in a Sparse Spatio-Temporal Point-Process. <i>Frontiers in Neuroscience</i> , 2016, 10, 381.	1.4	56
862	Development of the Brain's Functional Network Architecture. , 2016, , 399-406.		3
863	Financial Decision-Making and Capacity in Older Adults. , 2016, , 361-388.		6
864	Bayesian Inference for Functional Dynamics Exploring in fMRI Data. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-9.	0.7	4

#	ARTICLE	IF	CITATIONS
865	A Novel Brain Network Construction Method for Exploring Age-Related Functional Reorganization. Computational Intelligence and Neuroscience, 2016, 2016, 1-15.	1.1	9
866	Abnormal Resting-State Functional Connectivity Strength in Mild Cognitive Impairment and Its Conversion to Alzheimer's Disease. Neural Plasticity, 2016, 2016, 1-12.	1.0	69
867	Preclinical Cerebral Network Connectivity Evidence of Deficits in Mild White Matter Lesions. Frontiers in Aging Neuroscience, 2016, 8, 27.	1.7	12
868	Exercise-Related Changes of Networks in Aging and Mild Cognitive Impairment Brain. Frontiers in Aging Neuroscience, 2016, 8, 47.	1.7	62
869	Progressive Bidirectional Age-Related Changes in Default Mode Network Effective Connectivity across Six Decades. Frontiers in Aging Neuroscience, 2016, 8, 137.	1.7	6
870	Disrupted Brain Functional Network Architecture in Chronic Tinnitus Patients. Frontiers in Aging Neuroscience, 2016, 8, 174.	1.7	48
871	Identifying the Alteration Patterns of Brain Functional Connectivity in Progressive Mild Cognitive Impairment Patients: A Longitudinal Whole-Brain Voxel-Wise Degree Analysis. Frontiers in Aging Neuroscience, 2016, 8, 195.	1.7	18
872	Distinct Aging Effects on Functional Networks in Good and Poor Cognitive Performers. Frontiers in Aging Neuroscience, 2016, 8, 215.	1.7	18
873	Gender Specific Re-organization of Resting-State Networks in Older Age. Frontiers in Aging Neuroscience, 2016, 8, 285.	1.7	37
874	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. Frontiers in Neuroanatomy, 2016, 10, 120.	0.9	79
875	Structural Brain Network: What is the Effect of LiFE Optimization of Whole Brain Tractography?. Frontiers in Computational Neuroscience, 2016, 10, 12.	1.2	19
876	The "Hub Disruption Index," a Reliable Index Sensitive to the Brain Networks Reorganization. A Study of the Contralateral Hemisphere in Stroke. Frontiers in Computational Neuroscience, 2016, 10, 84.	1.2	27
877	Magnetoencephalography for the Detection of Intervention Effects of a Specific Nutrient Combination in Patients with Mild Alzheimer's Disease: Results from an Exploratory Double-Blind, Randomized, Controlled Study. Frontiers in Neurology, 2016, 7, 161.	1.1	6
878	Connectomic Insights into Topologically Centralized Network Edges and Relevant Motifs in the Human Brain. Frontiers in Human Neuroscience, 2016, 10, 158.	1.0	6
879	Graph-Theoretical Study of Functional Changes Associated with the Iowa Gambling Task. Frontiers in Human Neuroscience, 2016, 10, 314.	1.0	10
880	Building an EEG-fMRI Multi-Modal Brain Graph: A Concurrent EEG-fMRI Study. Frontiers in Human Neuroscience, 2016, 10, 476.	1.0	35
881	Sustained Effects of Acupuncture Stimulation Investigated with Centrality Mapping Analysis. Frontiers in Human Neuroscience, 2016, 10, 510.	1.0	21
882	Memory-Efficient Analysis of Dense Functional Connectomes. Frontiers in Neuroinformatics, 2016, 10, 50.	1.3	4

#	ARTICLE	IF	CITATIONS
883	Hybrid PET/MR Imaging and Brain Connectivity. <i>Frontiers in Neuroscience</i> , 2016, 10, 64.	1.4	50
884	Mixed Effects Models for Resampled Network Statistics Improves Statistical Power to Find Differences in Multi-Subject Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2016, 10, 108.	1.4	20
885	An Efficient and Reliable Statistical Method for Estimating Functional Connectivity in Large Scale Brain Networks Using Partial Correlation. <i>Frontiers in Neuroscience</i> , 2016, 10, 123.	1.4	86
886	Functional Connectivity Hubs and Networks in the Awake Marmoset Brain. <i>Frontiers in Integrative Neuroscience</i> , 2016, 10, 9.	1.0	22
887	Brain Plasticity in Blind Subjects Centralizes Beyond the Modal Cortices. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 61.	1.2	22
888	Diffusion tensor imaging and functional MRI. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 136, 1065-1087.	1.0	28
889	Temporal Changes in Local Functional Connectivity Density Reflect the Temporal Variability of the Amplitude of Low Frequency Fluctuations in Gray Matter. <i>PLoS ONE</i> , 2016, 11, e0154407.	1.1	42
890	Abnormal Intrinsic Functional Hubs in Severe Male Obstructive Sleep Apnea: Evidence from a Voxel-Wise Degree Centrality Analysis. <i>PLoS ONE</i> , 2016, 11, e0164031.	1.1	30
891	Presurgical Mapping of the Language Network Using Resting-state Functional Connectivity. <i>Topics in Magnetic Resonance Imaging</i> , 2016, 25, 19-24.	0.7	13
892	Arterial spin labeling perfusion predicts longitudinal decline in semantic variant primary progressive aphasia. <i>Journal of Neurology</i> , 2016, 263, 1927-1938.	1.8	23
893	Disrupted Brain Connectivity Patterns in Patients with Type 2 Diabetes. <i>American Journal of Neuroradiology</i> , 2016, 37, 2115-2122.	1.2	52
894	Functional Connectivity of the Amygdala Is Disrupted in Preschool-Aged Children With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 817-824.	0.3	86
895	An Informed Multitask Diffusion Adaptation Approach to Study Tremor in Parkinson's Disease. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 1306-1314.	7.3	23
896	Increased corticolimbic connectivity in cocaine dependence versus pathological gambling is associated with drug severity and emotion-related impulsivity. <i>Addiction Biology</i> , 2016, 21, 709-718.	1.4	52
897	Complex discharge-affecting networks in juvenile myoclonic epilepsy: A simultaneous EEG-fMRI study. <i>Human Brain Mapping</i> , 2016, 37, 3515-3529.	1.9	47
898	Disrupted Topological Patterns of Large-Scale Network in Conduct Disorder. <i>Scientific Reports</i> , 2016, 6, 37053.	1.6	16
899	Individual metabolic network for the accurate detection of Alzheimer's disease based on FDGPET imaging. , 2016, , .		5
900	Aberrant Spontaneous Brain Activity in Patients with Mild Cognitive Impairment and concomitant Lacunar Infarction: A Resting-State Functional MRI Study. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 1243-1254.	1.2	35

#	ARTICLE	IF	CITATIONS
901	Topographical Information-Based High-Order Functional Connectivity and Its Application in Abnormality Detection for Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1095-1112.	1.2	103
902	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 913-927.	1.2	54
903	Colocalization of cerebral iron with Amyloid beta in Mild Cognitive Impairment. <i>Scientific Reports</i> , 2016, 6, 35514.	1.6	147
904	Staging Alzheimer's Disease Risk by Sequencing Brain Function and Structure, Cerebrospinal Fluid, and Cognition Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 983-993.	1.2	33
905	Differentially disrupted functional connectivity of the subregions of the amygdala in Alzheimer's disease. <i>Journal of X-Ray Science and Technology</i> , 2016, 24, 329-342.	0.7	20
906	Aberrant intrinsic functional connectivity within and between corticostriatal and temporal-parietal networks in adults and youth with bipolar disorder. <i>Psychological Medicine</i> , 2016, 46, 1509-1522.	2.7	47
907	Eigenmaps of dynamic functional connectivity: Voxel-level dominant patterns through eigenvector centrality. , 2016, , .		7
908	Aberrant long-range functional connectivity density in generalized tonic-clonic seizures. <i>Medicine (United States)</i> , 2016, 95, e3893.	0.4	18
909	Looking for Neuroimaging Markers in Frontotemporal Lobar Degeneration Clinical Trials: A Multi-Voxel Pattern Analysis Study in Granulin Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 249-262.	1.2	39
910	The Whole-Brain "Global" Signal from Resting State fMRI as a Potential Biomarker of Quantitative State Changes in Glucose Metabolism. <i>Brain Connectivity</i> , 2016, 6, 435-447.	0.8	70
911	Disrupted functional brain connectome in unilateral sudden sensorineural hearing loss. <i>Hearing Research</i> , 2016, 335, 138-148.	0.9	42
912	Selective Persistence of Sensorimotor Mismatch Signals in Visual Cortex of Behaving Alzheimer's Disease Mice. <i>Current Biology</i> , 2016, 26, 956-964.	1.8	49
913	Different functional connectivity and network topology in behavioral variant of frontotemporal dementia and Alzheimer's disease: an EEG study. <i>Neurobiology of Aging</i> , 2016, 42, 150-162.	1.5	129
914	Connectome hubs at resting state in children and adolescents: Reproducibility and psychopathological correlation. <i>Developmental Cognitive Neuroscience</i> , 2016, 20, 2-11.	1.9	13
915	Reconfiguration of Intrinsic Functional Coupling Patterns Following Circumscribed Network Lesions. <i>Cerebral Cortex</i> , 2016, 27, bhw139.	1.6	21
916	Response to "Tandon et al. Psychiatry is a clinical neuroscience, but how do we move the field". <i>Asian Journal of Psychiatry</i> , 2016, 22, 15-16.	0.9	2
917	Interferon- γ acutely impairs whole-brain functional connectivity network architecture " A preliminary study. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 31-39.	2.0	42
918	Sulcal pattern, extension, and morphology of the precuneus in adult humans. <i>Annals of Anatomy</i> , 2016, 208, 85-93.	1.0	24

#	ARTICLE	IF	CITATIONS
919	Transient neuronal coactivations embedded in globally propagating waves underlie resting-state functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6556-6561.	3.3	172
920	Brain Network Organization and Social Executive Performance in Frontotemporal Dementia. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 250-262.	1.2	71
921	Measuring Cortical Connectivity in Alzheimer's Disease as a Brain Neural Network Pathology: Toward Clinical Applications. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 138-163.	1.2	92
922	SPARK: Sparsity-based analysis of reliable k-hubness and overlapping network structure in brain functional connectivity. <i>NeuroImage</i> , 2016, 134, 434-449.	2.1	13
923	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. <i>Cerebral Cortex</i> , 2017, 27, bhw038.	1.6	117
924	Brain imaging of neurovascular dysfunction in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 131, 687-707.	3.9	160
925	Increased frontal functional networks in adult survivors of childhood brain tumors. <i>NeuroImage: Clinical</i> , 2016, 11, 339-346.	1.4	27
926	DPABI: Data Processing & Analysis for (Resting-State) Brain Imaging. <i>Neuroinformatics</i> , 2016, 14, 339-351.	1.5	2,538
927	Abnormal degree centrality in Alzheimer's disease patients with depression: A resting-state functional magnetic resonance imaging study. <i>Experimental Gerontology</i> , 2016, 79, 61-66.	1.2	83
928	Network-Level Structure-Function Relationships in Human Neocortex. <i>Cerebral Cortex</i> , 2016, 26, 3285-3296.	1.6	260
929	Low functional robustness in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2016, 123, 20-28.	0.8	15
930	Enhanced default mode network connectivity with ventral striatum in subthreshold depression individuals. <i>Journal of Psychiatric Research</i> , 2016, 76, 111-120.	1.5	62
931	Effects of Ganglioside on Working Memory and the Default Mode Network in Individuals with Subjective Cognitive Impairment: A Randomized Controlled Trial. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 489-514.	1.5	13
932	The role of vision in the neural representation of unique entities. <i>Neuropsychologia</i> , 2016, 87, 144-156.	0.7	11
933	Sentence understanding depends on contextual use of semantic and real world knowledge. <i>NeuroImage</i> , 2016, 136, 10-25.	2.1	8
934	Dynamic relationships between age, amyloid- β^2 deposition, and glucose metabolism link to the regional vulnerability to Alzheimer's disease. <i>Brain</i> , 2016, 139, 2275-2289.	3.7	75
935	Malignant progression in parietal-dominant atrophy subtype of Alzheimer's disease occurs independent of onset age. <i>Neurobiology of Aging</i> , 2016, 47, 149-156.	1.5	39
936	Parsing the Behavioral and Brain Mechanisms of Third-Party Punishment. <i>Journal of Neuroscience</i> , 2016, 36, 9420-9434.	1.7	47

#	ARTICLE	IF	CITATIONS
937	Node Degree and Strength. , 2016, , 115-136.		6
939	A Metropolis-within-Gibbs sampler to infer task-based functional brain connectivity. , 2016, ,		1
940	Dissociable Changes of Frontal and Parietal Cortices in Inherent Functional Flexibility across the Human Life Span. Journal of Neuroscience, 2016, 36, 10060-10074.	1.7	41
941	Graph Theoretic Analysis of Human Brain Networks. Neuromethods, 2016, , 283-314.	0.2	14
942	Clinical Applications of the Functional Connectome. Neuromethods, 2016, , 893-903.	0.2	3
943	Functional connectivity with the retrosplenial cortex predicts cognitive aging in rats. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12286-12291.	3.3	69
944	Regional expression of the MAPT gene is associated with loss of hubs in brain networks and cognitive impairment in Parkinson disease and progressive supranuclear palsy. Neurobiology of Aging, 2016, 48, 153-160.	1.5	79
945	Cognitive Archeology, Cognitive Neurology, and the Unraveling of the Connectome: Divulging Brain Function from Fractured Skulls and Fractured Minds. , 2016, , 11-34.		0
946	The effects of hippocampal lesions on MRI measures of structural and functional connectivity. Hippocampus, 2016, 26, 1447-1463.	0.9	42
947	Components, Cores, and Clubs. , 2016, , 163-206.		1
948	In defense of abstract conceptual representations. Psychonomic Bulletin and Review, 2016, 23, 1096-1108.	1.4	143
949	The contributions of resting state and task-based functional connectivity studies to our understanding of adolescent brain network maturation. Neuroscience and Biobehavioral Reviews, 2016, 70, 13-32.	2.9	98
950	Degree connectivity in body dysmorphic disorder and relationships with obsessive and compulsive symptoms. European Neuropsychopharmacology, 2016, 26, 1657-1666.	0.3	16
951	Single-subject morphological brain networks: connectivity mapping, topological characterization and test-retest reliability. Brain and Behavior, 2016, 6, e00448.	1.0	119
952	Resting-State Functional MR Imaging for Determining Language Laterality in Intractable Epilepsy. Radiology, 2016, 281, 264-269.	3.6	25
953	Spatial patterns of atrophy, hypometabolism, and amyloid deposition in Alzheimer's disease correspond to dissociable functional brain networks. Human Brain Mapping, 2016, 37, 35-53.	1.9	119
954	Organization of the intrinsic functional network in the cervical spinal cord: A resting state functional MRI study. Neuroscience, 2016, 336, 30-38.	1.1	32
955	Network-Based Statistic Show Aberrant Functional Connectivity in Alzheimer's Disease. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1182-1188.	7.3	22

#	ARTICLE	IF	CITATIONS
956	Temporal metastates are associated with differential patterns of time-resolved connectivity, network topology, and attention. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9888-9891.	3.3	181
957	Stratifying Heterogeneous Dimension of Neurodegenerative Diseases: Intervention for Stipulating Epigenetic Factors to Combat Oxidative Stress in Human Brain. BioNanoScience, 2016, 6, 411-422.	1.5	2
958	Neuroimaging Advances in Alzheimer's Disease. , 2016, , 263-282.		1
959	Progressive Supranuclear Palsy and Related Parkinsonian Disorders. , 2016, , 283-300.		1
960	In Vivo Tau, Amyloid, and Gray Matter Profiles in the Aging Brain. Journal of Neuroscience, 2016, 36, 7364-7374.	1.7	153
961	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. Cerebral Cortex, 2017, 27, 5496-5508.	1.6	66
962	Highly Dynamic Spatiotemporal Organization of Low-Frequency Activities During Behavioral States in the Mouse Cerebral Cortex. Cerebral Cortex, 2017, 27, 5444-5462.	1.6	34
963	Functional properties of resting state networks in healthy full-term newborns. Scientific Reports, 2016, 5, 17755.	1.6	50
964	Changes of intranetwork and internetwork functional connectivity in Alzheimer's disease and mild cognitive impairment. Journal of Neural Engineering, 2016, 13, 046008.	1.8	50
965	Transient effects of tumor location on the functional architecture at rest in glioblastoma patients: three longitudinal case studies. Radiation Oncology, 2016, 11, 107.	1.2	12
966	Functional data analysis for density functions by transformation to a Hilbert space. Annals of Statistics, 2016, 44, .	1.4	95
967	Frontoparietal Functional Connectivity in the Common Marmoset. Cerebral Cortex, 2017, 27, 3890-3905.	1.6	78
968	Functional Brain Networks: Does the Choice of Dependency Estimator and Binarization Method Matter?. Scientific Reports, 2016, 6, 29780.	1.6	80
969	Simulating the Evolution of Functional Brain Networks in Alzheimer's Disease: Exploring Disease Dynamics from the Perspective of Global Activity. Scientific Reports, 2016, 6, 34156.	1.6	11
970	K-shell decomposition reveals hierarchical cortical organization of the human brain. New Journal of Physics, 2016, 18, 083013.	1.2	24
971	Dynamical Signatures of Structural Connectivity Damage to a Model of the Brain Posed at Criticality. Brain Connectivity, 2016, 6, 759-771.	0.8	9
972	Brain Network Theory Can Predict Whether Neuropsychological Outcomes Will Differ from Clinical Expectations. Archives of Clinical Neuropsychology, 2017, 32, 40-52.	0.3	11
973	Altered Long- and Short-Range Functional Connectivity in Patients with Betel Quid Dependence: A Resting-State Functional MRI Study. Cellular Physiology and Biochemistry, 2016, 40, 1626-1636.	1.1	20

#	ARTICLE	IF	CITATIONS
974	Genetic variants in Alzheimer disease " molecular and brain network approaches. <i>Nature Reviews Neurology</i> , 2016, 12, 413-427.	4.9	97
975	Cerebrospinal fluid ratios with $A\beta_{42}$ predict preclinical brain amyloid accumulation. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 27-38.	1.2	44
976	Disrupted Network Topology in Patients with Stable and Progressive Mild Cognitive Impairment and Alzheimer's Disease. <i>Cerebral Cortex</i> , 2016, 26, 3476-3493.	1.6	110
977	Quantifying Individual Brain Connectivity with Functional Principal Component Analysis for Networks. <i>Brain Connectivity</i> , 2016, 6, 540-547.	0.8	9
978	Concept Representation Reflects Multimodal Abstraction: A Framework for Embodied Semantics. <i>Cerebral Cortex</i> , 2016, 26, 2018-2034.	1.6	200
979	Transcutaneous Vagus Nerve Stimulation Modulates Default Mode Network in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2016, 79, 266-273.	0.7	251
980	Different Scales of Cortical Organization are Selectively Targeted in the Progression to Alzheimer's Disease. <i>International Journal of Neural Systems</i> , 2016, 26, 1650003.	3.2	13
981	The temporal structure of resting-state brain activity in the medial prefrontal cortex predicts self-consciousness. <i>Neuropsychologia</i> , 2016, 82, 161-170.	0.7	87
982	Suspected non-Alzheimer disease pathophysiology " concept and controversy. <i>Nature Reviews Neurology</i> , 2016, 12, 117-124.	4.9	230
983	Cascading network failure across the Alzheimer's disease spectrum. <i>Brain</i> , 2016, 139, 547-562.	3.7	401
984	A transcriptional signature of hub connectivity in the mouse connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1435-1440.	3.3	197
985	Decreased functional connectivity density in pain-related brain regions of female migraine patients without aura. <i>Brain Research</i> , 2016, 1632, 73-81.	1.1	34
986	Longitudinal changes in resting-state fMRI from age 5 to age 6 years covary with language development. <i>NeuroImage</i> , 2016, 128, 116-124.	2.1	51
987	The Default Mode Network Connectivity Predicts Cognitive Recovery in Severe Acquired Brain Injured Patients: A Longitudinal Study. <i>Journal of Neurotrauma</i> , 2016, 33, 1247-1262.	1.7	19
988	Altered Hub Functioning and Compensatory Activations in the Connectome: A Meta-Analysis of Functional Neuroimaging Studies in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 434-442.	2.3	72
989	Abnormal functional connectivity of brain network hubs associated with symptom severity in treatment-naive patients with obsessive-compulsive disorder: A resting-state functional MRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 104-111.	2.5	52
990	Preclinical Alzheimer's disease: Definition, natural history, and diagnostic criteria. <i>Alzheimer's and Dementia</i> , 2016, 12, 292-323.	0.4	1,318
991	Functional Connectivity During Exposure to Favorite-Food, Stress, and Neutral-Relaxing Imagery Differs Between Smokers and Nonsmokers. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1820-1829.	1.4	12

#	ARTICLE	IF	CITATIONS
992	Hyper-connectivity of functional networks for brain disease diagnosis. Medical Image Analysis, 2016, 32, 84-100.	7.0	113
993	Subjective Cognitive Decline: Mapping Functional and Structural Brain Changes—A Combined Resting-State Functional and Structural MR Imaging Study. Radiology, 2016, 281, 185-192.	3.6	85
994	Correlation between resting state fMRI total neuronal activity and PET metabolism in healthy controls and patients with disorders of consciousness. Brain and Behavior, 2016, 6, e00424.	1.0	40
995	Commentary: A Role for Neuroscience in Preventing Financial Elder Abuse. The Public Policy and Aging Report, 2016, 26, 12-14.	0.8	7
996	Graph theoretical analysis reveals the reorganization of the brain network pattern in primary open angle glaucoma patients. European Radiology, 2016, 26, 3957-3967.	2.3	27
997	Mapping neuroplastic potential in brain-damaged patients. Brain, 2016, 139, 829-844.	3.7	233
998	Structural and functional brain changes in delusional disorder. British Journal of Psychiatry, 2016, 208, 153-159.	1.7	25
999	Frequency-dependent changes in amplitude of low-frequency oscillations in depression: A resting-state fMRI study. Neuroscience Letters, 2016, 614, 105-111.	1.0	81
1000	Motor network structure and function are associated with motor performance in Huntington's disease. Journal of Neurology, 2016, 263, 539-549.	1.8	30
1001	EEG-directed connectivity from posterior brain regions is decreased in dementia with Lewy bodies: a comparison with Alzheimer's disease and controls. Neurobiology of Aging, 2016, 41, 122-129.	1.5	52
1002	Disrupted Resting-State Functional Connectivity in Nonmedicated Bipolar Disorder. Radiology, 2016, 280, 529-536.	3.6	108
1003	Intrinsic functional network architecture of human semantic processing: Modules and hubs. NeuroImage, 2016, 132, 542-555.	2.1	110
1004	DTI in Dementing Conditions. , 2016, , 343-358.		0
1005	Alzheimer's Disease and the Sleep-Wake Cycle. , 2016, , 295-317.		0
1006	Fractal integration and adaptive metric selection for interpretable covariances of multivariate functional data. Biometrika, 2016, 103, 103-120.	1.3	17
1007	Whole brain functional connectivity in clinically isolated syndrome without conventional brain MRI lesions. European Radiology, 2016, 26, 2982-2991.	2.3	17
1008	Large-scale functional connectivity networks in the rodent brain. NeuroImage, 2016, 127, 496-509.	2.1	199
1009	Brain structure-function associations identified in large-scale neuroimaging data. Brain Structure and Function, 2016, 221, 4459-4474.	1.2	13

#	ARTICLE	IF	CITATIONS
1010	Physical activity over a decade modifies age-related decline in perfusion, gray matter volume, and functional connectivity of the posterior default-mode networkâ€”A multimodal approach. <i>NeuroImage</i> , 2016, 131, 133-141.	2.1	90
1011	Does posterior cingulate hypometabolism result from disconnection or local pathology across preclinical and clinical stages of Alzheimerâ€™s disease?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 526-536.	3.3	58
1012	Is amyloid- β^2 harmful to the brain? Insights from human imaging studies. <i>Brain</i> , 2016, 139, 23-30.	3.7	87
1013	Stable Overlapping Replicator Dynamics for Brain Community Detection. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 529-538.	5.4	8
1014	Comparison of ApoE-related brain connectivity differences in early MCI and normal aging populations: an fMRI study. <i>Brain Imaging and Behavior</i> , 2016, 10, 970-983.	1.1	28
1015	Opposite Neural Trajectories of Apolipoprotein E ϵ^4 and ϵ^2 Alleles with Aging Associated with Different Risks of Alzheimer's Disease. <i>Cerebral Cortex</i> , 2016, 26, 1421-1429.	1.6	61
1016	Application of advanced machine learning methods on resting-state fMRI network for identification of mild cognitive impairment and Alzheimerâ€™s disease. <i>Brain Imaging and Behavior</i> , 2016, 10, 799-817.	1.1	183
1017	Abnormal degree centrality in neurologically asymptomatic patients with end-stage renal disease: A resting-state fMRI study. <i>Clinical Neurophysiology</i> , 2016, 127, 602-609.	0.7	69
1018	Patterns of Atypical Functional Connectivity and Behavioral Links in Autism Differ Between Default, Salience, and Executive Networks. <i>Cerebral Cortex</i> , 2016, 26, 4034-4045.	1.6	154
1019	A Dynamic Core Network and Global Efficiency in the Resting Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 4015-4033.	1.6	162
1020	Decoupled temporal variability and signal synchronization of spontaneous brain activity in loss of consciousness: An fMRI study in anesthesia. <i>NeuroImage</i> , 2016, 124, 693-703.	2.1	79
1021	The Association of Glucose Metabolism and Eigenvector Centrality in Alzheimer's Disease. <i>Brain Connectivity</i> , 2016, 6, 1-8.	0.8	18
1022	Advanced Neuroimaging Methods Towards Characterization of Early Stages of Alzheimerâ€™s Disease. <i>Methods in Molecular Biology</i> , 2016, 1303, 509-519.	0.4	9
1024	High-Resolution Functional Connectivity Density: Hub Locations, Sensitivity, Specificity, Reproducibility, and Reliability. <i>Cerebral Cortex</i> , 2016, 26, 3249-3259.	1.6	73
1025	Cholinergic and serotonergic modulations differentially affect large-scale functional networks in the mouse brain. <i>Brain Structure and Function</i> , 2016, 221, 3067-3079.	1.2	31
1026	Regional Homogeneity. <i>Neuroscientist</i> , 2016, 22, 486-505.	2.6	228
1027	Intracortical Posterior Cingulate Myelin Content Relates to Error Processing: Results from T_1 - and T_2 -Weighted MRI Myelin Mapping and Electrophysiology in Healthy Adults. <i>Cerebral Cortex</i> , 2016, 26, 2402-2410.	1.6	44
1028	GRAPESâ€”Grounding representations in action, perception, and emotion systems: How object properties and categories are represented in the human brain. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 979-990.	1.4	255

#	ARTICLE	IF	CITATIONS
1029	Static and dynamic posterior cingulate cortex nodal topology of default mode network predicts attention task performance. <i>Brain Imaging and Behavior</i> , 2016, 10, 212-225.	1.1	83
1030	The development of the intrinsic functional connectivity of default network subsystems from age 3 to 5. <i>Brain Imaging and Behavior</i> , 2016, 10, 50-59.	1.1	17
1031	Impaired topological architecture of brain structural networks in idiopathic Parkinson's disease: a DTI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 113-128.	1.1	54
1032	Age- and function-related regional changes in cortical folding of the default mode network in older adults. <i>Brain Structure and Function</i> , 2017, 222, 83-99.	1.2	50
1033	Longitudinal assessment of local and global functional connectivity following sports-related concussion. <i>Brain Imaging and Behavior</i> , 2017, 11, 129-140.	1.1	52
1034	Hippocampal Contributions to the Large-Scale Episodic Memory Network Predict Vivid Visual Memories. <i>Cerebral Cortex</i> , 2017, 27, 680-693.	1.6	61
1035	Classification of patients with MCI and AD from healthy controls using directed graph measures of resting-state fMRI. <i>Behavioural Brain Research</i> , 2017, 322, 339-350.	1.2	127
1036	Abnormalities of voxel-based whole-brain functional connectivity patterns predict the progression of hepatic encephalopathy. <i>Brain Imaging and Behavior</i> , 2017, 11, 784-796.	1.1	24
1037	Non redundant functional brain connectivity in schizophrenia. <i>Brain Imaging and Behavior</i> , 2017, 11, 552-564.	1.1	16
1038	Graph analysis of structural brain networks in Alzheimer's disease: beyond small world properties. <i>Brain Structure and Function</i> , 2017, 222, 923-942.	1.2	43
1039	Modulation on brain gray matter activity and white matter integrity by APOE ϵ 4 risk gene in cognitively intact elderly: A multimodal neuroimaging study. <i>Behavioural Brain Research</i> , 2017, 322, 100-109.	1.2	14
1040	From hippocampus to whole-brain: The role of integrative processing in episodic memory retrieval. <i>Human Brain Mapping</i> , 2017, 38, 2242-2259.	1.9	63
1041	Integration of Multilocus Genetic Risk into the Default Mode Network Longitudinal Trajectory during the Alzheimer's Disease Process. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 491-507.	1.2	11
1042	Heightened cortical excitability in aged rodents with memory impairment. <i>Neurobiology of Aging</i> , 2017, 54, 144-151.	1.5	70
1043	Test-retest reliability of functional connectivity networks during naturalistic fMRI paradigms. <i>Human Brain Mapping</i> , 2017, 38, 2226-2241.	1.9	113
1044	What can the topology of white matter structural networks tell us about mild cognitive impairment?. <i>Future Neurology</i> , 2017, 12, 35-50.	0.9	1
1045	A variance components model for statistical inference on functional connectivity networks. <i>NeuroImage</i> , 2017, 149, 256-266.	2.1	20
1046	Heterogeneous fractionation profiles of meta-analytic coactivation networks. <i>NeuroImage</i> , 2017, 149, 424-435.	2.1	6

#	ARTICLE	IF	CITATIONS
1047	Memory and Networks: Network-Based Approaches to Understanding the Neural Basis of Human Episodic Memory. , 2017, , 99-111.		2
1048	Convergent Results from Neuropsychology and from Neuroimaging in Patients with Mild Cognitive Impairment. Dementia and Geriatric Cognitive Disorders, 2017, 43, 144-154.	0.7	9
1049	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. Clinical Neurophysiology, 2017, 128, 830-838.	0.7	24
1050	Coherent activity between brain regions that code for value is linked to the malleability of human behavior. Scientific Reports, 2017, 7, 43250.	1.6	39
1051	Multifactorial causal model of brain (dis)organization and therapeutic intervention: Application to Alzheimer's disease. NeuroImage, 2017, 152, 60-77.	2.1	107
1052	Vascular Cognitive Impairment. Circulation Research, 2017, 120, 573-591.	2.0	385
1053	Regional homogeneity, resting-state functional connectivity and amplitude of low frequency fluctuation associated with creativity measured by divergent thinking in a sex-specific manner. NeuroImage, 2017, 152, 258-269.	2.1	43
1054	Significant Improvement in Cognition in Mild to Moderately Severe Dementia Cases Treated with Transcranial Plus Intranasal Photobiomodulation: Case Series Report. Photomedicine and Laser Surgery, 2017, 35, 432-441.	2.1	184
1055	The sensorimotor network dysfunction in migraineurs without aura: a resting-state fMRI study. Journal of Neurology, 2017, 264, 654-663.	1.8	84
1056	Functional connectomics from a "big data" perspective. NeuroImage, 2017, 160, 152-167.	2.1	77
1057	Resting-State Network Topology Differentiates Task Signals across the Adult Life Span. Journal of Neuroscience, 2017, 37, 2734-2745.	1.7	72
1059	Detecting switching and intermittent causalities in time series. Chaos, 2017, 27, 047403.	1.0	13
1060	Longitudinal recovery of local neuronal activity and consciousness level in acquired brain injury. Human Brain Mapping, 2017, 38, 3579-3591.	1.9	12
1061	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnesic Mild Cognitive Impairment. Scientific Reports, 2017, 7, 397.	1.6	23
1062	Positive affect predicts cerebral glucose metabolism in late middle-aged adults. Social Cognitive and Affective Neuroscience, 2017, 12, 993-1000.	1.5	2
1063	Social anxiety disorder exhibit impaired networks involved in self and theory of mind processing. Social Cognitive and Affective Neuroscience, 2017, 12, 1284-1295.	1.5	39
1064	Family history and APOE4 risk for Alzheimer's disease impact the neural correlates of episodic memory by early midlife. NeuroImage: Clinical, 2017, 14, 760-774.	1.4	31
1065	From static to temporal network theory: Applications to functional brain connectivity. Network Neuroscience, 2017, 1, 69-99.	1.4	77

#	ARTICLE	IF	CITATIONS
1066	A posterior-to-anterior shift of brain functional dynamics in aging. <i>Brain Structure and Function</i> , 2017, 222, 3665-3676.	1.2	34
1067	Study of data analysis methods in functional connectivity photoacoustic tomography (fcPAT). <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
1068	Progressive cortical reorganisation: A framework for investigating structural changes in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 79, 1-13.	2.9	65
1069	Altered Network Topology in Patients with Primary Brain Tumors After Fractionated Radiotherapy. <i>Brain Connectivity</i> , 2017, 7, 299-308.	0.8	23
1070	Aberrant Network Activity in Schizophrenia. <i>Trends in Neurosciences</i> , 2017, 40, 371-382.	4.2	90
1071	Clinical utility of a short resting-state MRI scan in differentiating bipolar from unipolar depression. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 288-299.	2.2	58
1072	Neural plasticity in amplitude of low frequency fluctuation, cortical hub construction, regional homogeneity resulting from working memory training. <i>Scientific Reports</i> , 2017, 7, 1470.	1.6	26
1073	Vulnerability of white matter tracts and cognition to the SOD2 polymorphism: A preliminary study of antioxidant defense genes in brain aging. <i>Behavioural Brain Research</i> , 2017, 329, 111-119.	1.2	16
1074	Resting-state connectivity and modulated somatomotor and default-mode networks in Huntington disease. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 488-497.	1.9	19
1075	Increased connectivity of hub networks and cognitive impairment in multiple sclerosis. <i>Neurology</i> , 2017, 88, 2107-2114.	1.5	62
1076	Resting-State Functional Connectivity Within Medial Prefrontal Cortex Mediates Age Differences in Risk Taking. <i>Developmental Neuropsychology</i> , 2017, 42, 187-197.	1.0	8
1077	The Default Mode Network in Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 476-486.	1.1	201
1078	Age-related functional brain changes in young children. <i>NeuroImage</i> , 2017, 155, 322-330.	2.1	63
1079	Increased thalamic centrality and putamen-thalamic connectivity in patients with parkinsonian resting tremor. <i>Brain and Behavior</i> , 2017, 7, e00601.	1.0	15
1080	Multisite reliability of MR-based functional connectivity. <i>NeuroImage</i> , 2017, 146, 959-970.	2.1	140
1081	Cognitive eloquence in neurosurgery: Insight from graph theoretical analysis of complex brain networks. <i>Medical Hypotheses</i> , 2017, 98, 49-56.	0.8	6
1082	Acupuncture modulates brain neural activity in patients: a systematic review and meta-analysis. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017, 17, 111-126.	1.2	7
1083	Altered Coupling Between Resting-State Cerebral Blood Flow and Functional Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, 1363-1374.	2.3	109

#	ARTICLE	IF	CITATIONS
1084	Association between cerebrospinal fluid and plasma neurodegeneration biomarkers with brain atrophy in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 58, 14-29.	1.5	93
1085	The dynamic functional core network of the human brain at rest. <i>Scientific Reports</i> , 2017, 7, 2936.	1.6	108
1086	Imaging plus X: multimodal models of neurodegenerative disease. <i>Current Opinion in Neurology</i> , 2017, 30, 371-379.	1.8	75
1087	Functional network integrity presages cognitive decline in preclinical Alzheimer disease. <i>Neurology</i> , 2017, 89, 29-37.	1.5	106
1088	Precuneus Failures in Subjects of the PSEN1 E280A Family at Risk of Developing Alzheimer's Disease Detected Using Quantitative Electroencephalography. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 1229-1244.	1.2	8
1089	Head or brain injuries and Alzheimer's disease: A nested case-control register study. <i>Alzheimer's and Dementia</i> , 2017, 13, 1371-1379.	0.4	30
1090	Effect of PICALM rs3851179 polymorphism on the default mode network function in mild cognitive impairment. <i>Behavioural Brain Research</i> , 2017, 331, 225-232.	1.2	20
1091	Alzheimer's disease: The state of the art in resting-state magnetoencephalography. <i>Clinical Neurophysiology</i> , 2017, 128, 1426-1437.	0.7	76
1092	Deciding where to attend: Large-scale network mechanisms underlying attention and intention revealed by graph-theoretic analysis. <i>NeuroImage</i> , 2017, 157, 45-60.	2.1	17
1093	Resting-state network dysfunction in Alzheimer's disease: A systematic review and meta-analysis. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 8, 73-85.	1.2	288
1094	Functional Disintegration of the Default Mode Network in Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 169-187.	1.2	81
1095	Toward precision medicine: tailoring interventional strategies based on noninvasive brain stimulation for motor recovery after stroke. <i>Current Opinion in Neurology</i> , 2017, 30, 388-397.	1.8	51
1096	Injured Brains and Adaptive Networks: The Benefits and Costs of Hyperconnectivity. <i>Trends in Cognitive Sciences</i> , 2017, 21, 385-401.	4.0	214
1097	Tau and amyloid β proteins distinctively associate to functional network changes in the aging brain. <i>Alzheimer's and Dementia</i> , 2017, 13, 1261-1269.	0.4	90
1098	Selective impairment of hippocampus and posterior hub areas in Alzheimer's disease: an MEG-based multiplex network study. <i>Brain</i> , 2017, 140, 1466-1485.	3.7	132
1099	Small-world human brain networks: Perspectives and challenges. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 286-300.	2.9	285
1100	Connectomic profile and clinical phenotype in newly diagnosed glioma patients. <i>NeuroImage: Clinical</i> , 2017, 14, 87-96.	1.4	64
1101	Exercise Training and Functional Connectivity Changes in Mild Cognitive Impairment and Healthy Elders. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 845-856.	1.2	114

#	ARTICLE	IF	CITATIONS
1102	Dynamic Default Mode Network across Different Brain States. <i>Scientific Reports</i> , 2017, 7, 46088.	1.6	47
1103	Resting-State Functional Connectivity Changes Associated with Visuospatial Cognitive Deficits in Patients with Mild Alzheimer Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 43, 229-236.	0.7	7
1104	Memory self-awareness in the preclinical and prodromal stages of Alzheimer's disease. <i>Neuropsychologia</i> , 2017, 99, 343-349.	0.7	67
1105	Hippocampal hypometabolism in older adults with memory complaints and increased amyloid burden. <i>Neurology</i> , 2017, 88, 1759-1767.	1.5	50
1106	Functional Connectivity in the Default Mode Network is Reduced in Association with Nocturnal Awakening in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1373-1384.	1.2	23
1107	Mapping Neurodegenerative Disease Onset and Progression. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a023622.	2.3	67
1108	Phases of Hyperconnectivity and Hypoconnectivity in the Default Mode and Salience Networks Track with Amyloid and Tau in Clinically Normal Individuals. <i>Journal of Neuroscience</i> , 2017, 37, 4323-4331.	1.7	237
1109	Convergent and divergent effects of apolipoprotein E ϵ 4 and ϵ 2 alleles on amygdala functional networks in nondemented older adults. <i>Neurobiology of Aging</i> , 2017, 54, 31-39.	1.5	13
1110	A Spotlight on Bridging Microscale and Macroscale Human Brain Architecture. <i>Neuron</i> , 2017, 93, 1248-1251.	3.8	47
1111	Focal temporal pole atrophy and network degeneration in semantic variant primary progressive aphasia. <i>Brain</i> , 2017, 140, 457-471.	3.7	102
1112	The inferior parietal lobule and temporoparietal junction: A network perspective. <i>Neuropsychologia</i> , 2017, 105, 70-83.	0.7	268
1113	Correspondence between evoked and intrinsic functional brain network configurations. <i>Human Brain Mapping</i> , 2017, 38, 1992-2007.	1.9	92
1114	Mental rotation task specifically modulates functional connectivity strength of intrinsic brain activity in low frequency domains: A maximum uncertainty linear discriminant analysis. <i>Behavioural Brain Research</i> , 2017, 320, 233-243.	1.2	10
1115	Reduced Hippocampal Functional Connectivity During Episodic Memory Retrieval in Autism. <i>Cerebral Cortex</i> , 2017, 27, 888-902.	1.6	90
1116	Distance-dependent alterations in local functional connectivity in drug-naive major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 270, 80-85.	0.9	9
1117	Emergence of early alterations in network oscillations and functional connectivity in a tau seeding mouse model of Alzheimer's disease pathology. <i>Scientific Reports</i> , 2017, 7, 14189.	1.6	67
1118	Exploring the Associations Between Intrinsic Brain Connectivity and Creative Ability Using Functional Connectivity Strength and Connectome Analysis. <i>Brain Connectivity</i> , 2017, 7, 590-601.	0.8	23
1119	Changes in connectivity of the posterior default network node during visual processing in mild cognitive impairment: staged decline between normal aging and Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2017, 124, 1607-1619.	1.4	22

#	ARTICLE	IF	CITATIONS
1120	Tau, amyloid, and cascading network failure across the Alzheimer's disease spectrum. <i>Cortex</i> , 2017, 97, 143-159.	1.1	162
1121	Disrupted Brain Network Hubs in Subtype-Specific Parkinson's Disease. <i>European Neurology</i> , 2017, 78, 200-209.	0.6	32
1122	Biological Relevance of Network Architecture. <i>Advances in Experimental Medicine and Biology</i> , 2017, 988, 1-29.	0.8	3
1123	Earliest accumulation of β -amyloid occurs within the default-mode network and concurrently affects brain connectivity. <i>Nature Communications</i> , 2017, 8, 1214.	5.8	596
1124	Segregated Systems of Human Brain Networks. <i>Trends in Cognitive Sciences</i> , 2017, 21, 981-996.	4.0	259
1125	Applications of Resting-State Functional Connectivity to Neurodegenerative Disease. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 663-683.	0.5	36
1126	Statistical Modeling of the Default Mode Brain Network Reveals a Segregated Highway Structure. <i>Scientific Reports</i> , 2017, 7, 11694.	1.6	16
1127	Dynamics of functional connectivity at high spatial resolution reveal long-range interactions and fine-scale organization. <i>Scientific Reports</i> , 2017, 7, 12773.	1.6	32
1128	Short-range connections in the developmental connectome during typical and atypical brain maturation. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 109-122.	2.9	86
1129	Concordance among indices of intrinsic brain function: Insights from inter-individual variation and temporal dynamics. <i>Science Bulletin</i> , 2017, 62, 1572-1584.	4.3	92
1130	Applications of Resting State Functional MR Imaging to Neuropsychiatric Diseases. <i>Neuroimaging Clinics of North America</i> , 2017, 27, 709-723.	0.5	16
1131	Interpreting temporal fluctuations in resting-state functional connectivity MRI. <i>NeuroImage</i> , 2017, 163, 437-455.	2.1	234
1132	Linking left hemispheric tissue preservation to fMRI language task activation in chronic stroke patients. <i>Cortex</i> , 2017, 96, 1-18.	1.1	35
1133	Association between resting-state brain network topological organization and creative ability: Evidence from a multiple linear regression model. <i>Biological Psychology</i> , 2017, 129, 165-177.	1.1	23
1134	Attentional control underlies the perceptual load effect: Evidence from voxel-wise degree centrality and resting-state functional connectivity. <i>Neuroscience</i> , 2017, 362, 257-264.	1.1	12
1135	Altered functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2017, 137, 45-52.	0.8	54
1136	Loss of brain inter-frequency hubs in Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 10879.	1.6	75
1137	Mapping effective connectivity within cortical networks with diffuse optical tomography. <i>Neurophotonics</i> , 2017, 4, 041402.	1.7	9

#	ARTICLE	IF	CITATIONS
1138	Illuminating the conceptual structure of the space of moral violations with searchlight representational similarity analysis. <i>NeuroImage</i> , 2017, 159, 371-387.	2.1	8
1139	The anatomical scaffold underlying the functional centrality of known cortical hubs. <i>Human Brain Mapping</i> , 2017, 38, 5141-5160.	1.9	13
1140	Autaptic Connections Shift Network Excitability and Bursting. <i>Scientific Reports</i> , 2017, 7, 44006.	1.6	39
1141	Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks. <i>Scientific Reports</i> , 2017, 7, 6537.	1.6	38
1142	Combining task-related activation and connectivity analysis of fMRI data reveals complex modulation of brain networks. <i>Human Brain Mapping</i> , 2017, 38, 5726-5739.	1.9	26
1143	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
1144	Task modulates functional connectivity networks in free viewing behavior. <i>NeuroImage</i> , 2017, 159, 289-301.	2.1	14
1145	Widespread theta synchrony and high-frequency desynchronization underlies enhanced cognition. <i>Nature Communications</i> , 2017, 8, 1704.	5.8	151
1146	Multimodal Imaging in Rat Model Recapitulates Alzheimer's Disease Biomarkers Abnormalities. <i>Journal of Neuroscience</i> , 2017, 37, 12263-12271.	1.7	44
1147	A Study of the Brain Functional Network of Post-Stroke Depression in Three Different Lesion Locations. <i>Scientific Reports</i> , 2017, 7, 14795.	1.6	19
1148	The effects of AMPA receptor blockade on resting magnetoencephalography recordings. <i>Journal of Psychopharmacology</i> , 2017, 31, 1527-1536.	2.0	14
1149	The dynamics of resting fluctuations in the brain: metastability and its dynamical cortical core. <i>Scientific Reports</i> , 2017, 7, 3095.	1.6	356
1150	Revolution of Resting-State Functional Neuroimaging Genetics in Alzheimer's Disease. <i>Trends in Neurosciences</i> , 2017, 40, 469-480.	4.2	34
1151	Advances in Neuroimaging for Neurodegenerative Disease. <i>Advances in Neurobiology</i> , 2017, 15, 451-478.	1.3	5
1152	Comparing test-retest reliability of dynamic functional connectivity methods. <i>NeuroImage</i> , 2017, 158, 155-175.	2.1	156
1153	Increased Stability and Breakdown of Brain Effective Connectivity During Slow-Wave Sleep: Mechanistic Insights from Whole-Brain Computational Modelling. <i>Scientific Reports</i> , 2017, 7, 4634.	1.6	90
1154	Shared and Specific Intrinsic Functional Connectivity Patterns in Unmedicated Bipolar Disorder and Major Depressive Disorder. <i>Scientific Reports</i> , 2017, 7, 3570.	1.6	74
1155	Memory performance-related dynamic brain connectivity indicates pathological burden and genetic risk for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 24.	3.0	43

#	ARTICLE	IF	CITATIONS
1156	Effect of DRD4 receptor 616 C/G polymorphism on brain structure and functional connectivity density in pediatric primary nocturnal enuresis patients. <i>Scientific Reports</i> , 2017, 7, 1226.	1.6	11
1157	Large-Scale Network Analysis of Whole-Brain Resting-State Functional Connectivity in Spinal Cord Injury: A Comparative Study. <i>Brain Connectivity</i> , 2017, 7, 413-423.	0.8	17
1158	White matter structural network abnormalities underlie executive dysfunction in amyotrophic lateral sclerosis. <i>Human Brain Mapping</i> , 2017, 38, 1249-1268.	1.9	22
1159	Structural and functional connectivity of the precuneus and thalamus to the default mode network. <i>Human Brain Mapping</i> , 2017, 38, 938-956.	1.9	157
1160	Disrupted functional connectivity density in irritable bowel syndrome patients. <i>Brain Imaging and Behavior</i> , 2017, 11, 1812-1822.	1.1	36
1161	Different spatial patterns of brain atrophy and global functional connectivity impairments in major depressive disorder. <i>Brain Imaging and Behavior</i> , 2017, 11, 1678-1689.	1.1	43
1162	Task-linked Diurnal Brain Network Reorganization in Older Adults: A Graph Theoretical Approach. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 560-572.	1.1	11
1164	Impairment of the executive function in breast cancer patients receiving chemotherapy treatment: a functional MRI study. <i>European Journal of Cancer Care</i> , 2017, 26, e12553.	0.7	36
1165	Angular default mode network connectivity across working memory load. <i>Human Brain Mapping</i> , 2017, 38, 41-52.	1.9	90
1166	Mapping the effect of escitalopram treatment on amplitude of low-frequency fluctuations in patients with depression: a resting-state fMRI study. <i>Metabolic Brain Disease</i> , 2017, 32, 147-154.	1.4	13
1167	Decreased Coupling Between Functional Connectivity Density and Amplitude of Low Frequency Fluctuation in Non-Neuropsychiatric Systemic Lupus Erythematosus: a Resting-Stage Functional MRI Study. <i>Molecular Neurobiology</i> , 2017, 54, 5225-5235.	1.9	29
1168	Degree-based statistic and center persistency for brain connectivity analysis. <i>Human Brain Mapping</i> , 2017, 38, 165-181.	1.9	36
1169	Precuneus degeneration in nondemented elderly individuals with APOE ϵ 4: Evidence from structural and functional MRI analyses. <i>Human Brain Mapping</i> , 2017, 38, 271-282.	1.9	18
1170	Real-time estimation of dynamic functional connectivity networks. <i>Human Brain Mapping</i> , 2017, 38, 202-220.	1.9	21
1171	Perceived social isolation is associated with altered functional connectivity in neural networks associated with tonic alertness and executive control. <i>NeuroImage</i> , 2017, 145, 58-73.	2.1	73
1172	Integration demands modulate effective connectivity in a fronto-temporal network for contextual sentence integration. <i>NeuroImage</i> , 2017, 147, 812-824.	2.1	20
1173	CYP2A6 Genetic Variation Alters Striatal-Cingulate Circuits, Network Hubs, and Executive Processing in Smokers. <i>Biological Psychiatry</i> , 2017, 81, 554-563.	0.7	35
1174	Systemic klotho is associated with KLOTHO variation and predicts intrinsic cortical connectivity in healthy human aging. <i>Brain Imaging and Behavior</i> , 2017, 11, 391-400.	1.1	48

#	ARTICLE	IF	CITATIONS
1175	Distributed patterns of occipito-parietal functional connectivity predict the precision of visual working memory. <i>NeuroImage</i> , 2017, 146, 404-418.	2.1	36
1176	Affect of APOE on information processing speed in non-demented elderly population: a preliminary structural MRI study. <i>Brain Imaging and Behavior</i> , 2017, 11, 977-985.	1.1	17
1177	Brain Function Is Linked to <scp>LDL</scp> Cholesterol in Older Adults with Cardiovascular Risk. <i>Journal of the American Geriatrics Society</i> , 2017, 65, e51-e55.	1.3	10
1178	Reorganization of brain connectivity in obesity. <i>Human Brain Mapping</i> , 2017, 38, 1403-1420.	1.9	65
1179	Community detection in weighted brain connectivity networks beyond the resolution limit. <i>NeuroImage</i> , 2017, 146, 28-39.	2.1	53
1180	Human Connectomics across the Life Span. <i>Trends in Cognitive Sciences</i> , 2017, 21, 32-45.	4.0	189
1181	Efficient hubs in the intelligent brain: Nodal efficiency of hub regions in the salience network is associated with general intelligence. <i>Intelligence</i> , 2017, 60, 10-25.	1.6	90
1182	Opportunities and Challenges for Psychiatry in the Connectomic Era. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 9-19.	1.1	41
1183	Brain hubs in lesion models: Predicting functional network topology with lesion patterns in patients. <i>Scientific Reports</i> , 2017, 7, 17908.	1.6	19
1184	Distinct influence of specific versus global connectivity on the different Alzheimer's disease biomarkers. <i>Brain</i> , 2017, 140, 3317-3328.	3.7	60
1185	Fine-scale patterns driving dynamic functional connectivity provide meaningful brain parcellations. , 2017, , .		1
1187	Abnormal intrinsic functional hubs in alcohol dependence: evidence from a voxelwise degree centrality analysis. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 2011-2020.	1.0	53
1188	Stroop, Cocaine Dependence, and Intrinsic Connectivity. , 2017, , 331-339.		2
1189	A Pilot Study on Brain Plasticity of Functional Connectivity Modulated by Cognitive Training in Mild Alzheimer's Disease and Mild Cognitive Impairment. <i>Brain Sciences</i> , 2017, 7, 50.	1.1	37
1190	Mindfulness Training for Healthy Aging: Impact on Attention, Well-Being, and Inflammation. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 11.	1.7	37
1191	A Neurochemical Basis for Phenotypic Differentiation in Alzheimer's Disease? Turing's Morphogens Revisited. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 76.	1.7	1
1192	Functional Connectivity Disruption in Subjective Cognitive Decline and Mild Cognitive Impairment: A Common Pattern of Alterations. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 109.	1.7	99
1193	Altered Functional Connectivity of Cognitive-Related Cerebellar Subregions in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 143.	1.7	63

#	ARTICLE	IF	CITATIONS
1194	The Abnormality of Topological Asymmetry between Hemispheric Brain White Matter Networks in Alzheimer's Disease and Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 261.	1.7	52
1195	Frequency-Specific Abnormalities of Intrinsic Functional Connectivity Strength among Patients with Amyotrophic Lateral Sclerosis: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 351.	1.7	12
1196	Disrupted Thalamus White Matter Anatomy and Posterior Default Mode Network Effective Connectivity in Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 370.	1.7	22
1197	Linking Inter-Individual Variability in Functional Brain Connectivity to Cognitive Ability in Elderly Individuals. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 385.	1.7	40
1198	Construction of Individual Morphological Brain Networks with Multiple Morphometric Features. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 34.	0.9	62
1199	Intrinsic Brain Activity Responsible for Sex Differences in Shyness and Social Anxiety. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 43.	1.0	1
1200	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
1201	Synaptic Impairment and Robustness of Excitatory Neuronal Networks with Different Topologies. <i>Frontiers in Neural Circuits</i> , 2017, 11, 38.	1.4	6
1202	The Spatial Associations of Cerebral Blood Flow and Spontaneous Brain Activities with White Matter Hyperintensities—An Exploratory Study Using Multimodal Magnetic Resonance Imaging. <i>Frontiers in Neurology</i> , 2017, 8, 593.	1.1	13
1203	Brain Network for the Core Deficits of Semantic Dementia: A Neural Network Connectivity-Behavior Mapping Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 267.	1.0	11
1204	Autism Spectrum Disorder Related Functional Connectivity Changes in the Language Network in Children, Adolescents and Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 418.	1.0	52
1205	Transcranial Magnetic Stimulation Reveals Executive Control Dissociation in the Rostral Prefrontal Cortex. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 464.	1.0	4
1206	Topological Filtering of Dynamic Functional Brain Networks Unfolds Informative Chronnectomics: A Novel Data-Driven Thresholding Scheme Based on Orthogonal Minimal Spanning Trees (OMSTs). <i>Frontiers in Neuroinformatics</i> , 2017, 11, 28.	1.3	107
1207	The Virtual Trial. <i>Frontiers in Neuroscience</i> , 2017, 11, 110.	1.4	5
1208	Tau Pathology Distribution in Alzheimer's disease Corresponds Differentially to Cognition-Relevant Functional Brain Networks. <i>Frontiers in Neuroscience</i> , 2017, 11, 167.	1.4	87
1209	Node Identification Using Inter-Regional Correlation Analysis for Mapping Detailed Connections in Resting State Networks. <i>Frontiers in Neuroscience</i> , 2017, 11, 238.	1.4	0
1210	Inconsistency in Abnormal Brain Activity across Cohorts of ADHD-200 in Children with Attention Deficit Hyperactivity Disorder. <i>Frontiers in Neuroscience</i> , 2017, 11, 320.	1.4	41
1211	Thalamo-Sensorimotor Functional Connectivity Correlates with World Ranking of Olympic, Elite, and High Performance Athletes. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	1.0	12

#	ARTICLE	IF	CITATIONS
1212	NPTX2 and cognitive dysfunction in Alzheimer's Disease. <i>ELife</i> , 2017, 6, .	2.8	146
1213	Hippocampal activation is associated with longitudinal amyloid accumulation and cognitive decline. <i>ELife</i> , 2017, 6, .	2.8	95
1214	The Temporal Pattern of a Lesion Modulates the Functional Network Topology of Remote Brain Regions. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	20
1215	Trans-Synaptic Spread of Amyloid- β in Alzheimer's Disease: Paths to Amyloidosis. <i>Neural Plasticity</i> , 2017, 2017, 1-6.	1.0	23
1216	The Human Brain. , 2017, , 125-149.		15
1217	Cognitive dysfunction in major depression and Alzheimer's disease is associated with hippocampus–prefrontal cortex dysconnectivity. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1509-1519.	1.0	91
1218	A Survey of Graph Based Complex Brain Network Analysis Using Functional and Diffusional MRI. <i>American Journal of Applied Sciences</i> , 2017, 14, 1186-1208.	0.1	6
1219	Regional impairment of intrinsic functional connectivity strength in patients with chronic primary insomnia. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1449-1462.	1.0	26
1220	Few serum proteins mediate APOE's association with dementia. <i>PLoS ONE</i> , 2017, 12, e0172268.	1.1	18
1221	Chaotic itinerancy within the coupled dynamics between a physical body and neural oscillator networks. <i>PLoS ONE</i> , 2017, 12, e0182518.	1.1	11
1222	Features of spatial and functional segregation and integration of the primate connectome revealed by trade-off between wiring cost and efficiency. <i>PLoS Computational Biology</i> , 2017, 13, e1005776.	1.5	39
1223	Differential effects of antidepressant treatment on long-range and short-range functional connectivity strength in patients with major depressive disorder. <i>Scientific Reports</i> , 2017, 7, 10214.	1.6	32
1225	Towards Multi-parametric Hub Scoring of Functional Cortical Brain Networks: An Electroencephalographic (EEG) Study Across Lifespan. , 2017, , .		0
1226	Chronic and Acute Nicotine Exposure Versus Placebo in Smokers and Nonsmokers. , 2017, , 319-338.		7
1227	Classification of Depressive Disorder Based on RS-fMRI Using Multivariate Pattern Analysis with Multiple Features. , 2017, , .		3
1228	Left frontal hub connectivity delays cognitive impairment in autosomal-dominant and sporadic Alzheimer's disease. <i>Brain</i> , 2018, 141, 1186-1200.	3.7	83
1229	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
1230	Functional and structural connectome properties in the 5XFAD transgenic mouse model of Alzheimer's disease. <i>Network Neuroscience</i> , 2018, 2, 241-258.	1.4	23

#	ARTICLE	IF	CITATIONS
1231	Multimodal Connectomics in Psychiatry: Bridging Scales From Micro to Macro. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 767-776.	1.1	13
1232	The effects of cognitive behavioral therapy on resting-state functional brain network in drug-naïve patients with obsessive-compulsive disorder. <i>Brain and Behavior</i> , 2018, 8, e00963.	1.0	25
1233	Altered connection properties of important network hubs may be neural risk factors for individuals with primary insomnia. <i>Scientific Reports</i> , 2018, 8, 5891.	1.6	45
1234	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
1235	Reduced integration and improved segregation of functional brain networks in Alzheimer's disease. <i>Journal of Neural Engineering</i> , 2018, 15, 026023.	1.8	71
1236	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
1237	Structural tract alterations predict downstream tau accumulation in amyloid-positive older individuals. <i>Nature Neuroscience</i> , 2018, 21, 424-431.	7.1	198
1238	Neonatal brain resting-state functional connectivity imaging modalities. <i>Photoacoustics</i> , 2018, 10, 1-19.	4.4	56
1239	Accounting for Non-Gaussian Sources of Spatial Correlation in Parametric Functional Magnetic Resonance Imaging Paradigms II: A Method to Obtain First-Level Analysis Residuals with Uniform and Gaussian Spatial Autocorrelation Function and Independent and Identically Distributed Time-Series. <i>Brain Connectivity</i> , 2018, 8, 10-21.	0.8	7
1240	Default Mode Network Engagement Beyond Self-Referential Internal Mentation. <i>Brain Connectivity</i> , 2018, 8, 245-253.	0.8	33
1241	Linking late cognitive outcome with glioma surgery location using resection cavity maps. <i>Human Brain Mapping</i> , 2018, 39, 2064-2074.	1.9	38
1242	Functional connectivity pattern underlies individual differences in independent self-construal. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 269-280.	1.5	19
1243	Aberrant Connectivity in Mild Cognitive Impairment and Alzheimer Disease Revealed by Multimodal Neuroimaging Data. <i>Neurodegenerative Diseases</i> , 2018, 18, 5-18.	0.8	11
1244	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
1245	Meta-Connectomic Analysis Reveals Commonly Disrupted Functional Architectures in Network Modules and Connectors across Brain Disorders. <i>Cerebral Cortex</i> , 2018, 28, 4179-4194.	1.6	61
1246	Frontal Cortex Epigenetic Dysregulation During the Progression of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 115-131.	1.2	36
1247	Resting state brain networks in the prairie vole. <i>Scientific Reports</i> , 2018, 8, 1231.	1.6	16
1248	Subjective Cognitive Decline Is Associated With Altered Default Mode Network Connectivity in Individuals With a Family History of Alzheimer's Disease. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 463-472.	1.1	41

#	ARTICLE	IF	CITATIONS
1249	Alteration of brain network topology in HIV-associated neurocognitive disorder: A novel functional connectivity perspective. <i>NeuroImage: Clinical</i> , 2018, 17, 768-777.	1.4	37
1250	How do morphological alterations caused by chronic pain distribute across the brain? A meta-analytic co-alteration study. <i>NeuroImage: Clinical</i> , 2018, 18, 15-30.	1.4	45
1251	Multisensory stimulation improves functional recovery and resting-state functional connectivity in the mouse brain after stroke. <i>NeuroImage: Clinical</i> , 2018, 17, 717-730.	1.4	68
1252	Convergent and divergent functional connectivity patterns in patients with long-term left-sided and right-sided deafness. <i>Neuroscience Letters</i> , 2018, 665, 74-79.	1.0	20
1253	Review: Neurodegenerative processes in temporal lobe epilepsy with hippocampal sclerosis: Clinical, pathological and neuroimaging evidence. <i>Neuropathology and Applied Neurobiology</i> , 2018, 44, 70-90.	1.8	85
1254	Amyloid β^2 causes excitation/inhibition imbalance through dopamine receptor 1-dependent disruption of fast-spiking GABAergic input in anterior cingulate cortex. <i>Scientific Reports</i> , 2018, 8, 302.	1.6	48
1255	Studying emotion theories through connectivity analysis: Evidence from generalized psychophysiological interactions and graph theory. <i>NeuroImage</i> , 2018, 172, 250-262.	2.1	14
1256	Networks of tau distribution in Alzheimer's disease. <i>Brain</i> , 2018, 141, 568-581.	3.7	140
1257	Effects of gender, digit ratio, and menstrual cycle on intrinsic brain functional connectivity: A whole-brain, voxel-wise exploratory study using simultaneous local and global functional connectivity mapping. <i>Brain and Behavior</i> , 2018, 8, e00890.	1.0	18
1258	Tau burden and the functional connectome in Alzheimer's disease and progressive supranuclear palsy. <i>Brain</i> , 2018, 141, 550-567.	3.7	190
1259	Fibre-specific white matter reductions in Alzheimer's disease and mild cognitive impairment. <i>Brain</i> , 2018, 141, 888-902.	3.7	226
1260	Influences of Hunger, Satiety and Oral Glucose on Functional Brain Connectivity: A Multimethod Resting-State fMRI Study. <i>Neuroscience</i> , 2018, 382, 80-92.	1.1	27
1261	Altered functional connectivity strength and its correlations with cognitive function in subjects with ultra-high risk for psychosis at rest. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 1140-1148.	1.9	21
1262	Amyloid Network Topology Characterizes the Progression of Alzheimer's Disease During the Predementia Stages. <i>Cerebral Cortex</i> , 2018, 28, 340-349.	1.6	28
1263	Function-specific and Enhanced Brain Structural Connectivity Mapping via Joint Modeling of Diffusion and Functional MRI. <i>Scientific Reports</i> , 2018, 8, 4741.	1.6	35
1264	Topology of Functional Connectivity and Hub Dynamics in the Beta Band As Temporal Prior for Natural Vision in the Human Brain. <i>Journal of Neuroscience</i> , 2018, 38, 3858-3871.	1.7	31
1265	Sparse Graphical Models for Functional Connectivity Networks: Best Methods and the Autocorrelation Issue. <i>Brain Connectivity</i> , 2018, 8, 139-165.	0.8	24
1266	Mapping the changed hubs and corresponding functional connectivity in idiopathic restless legs syndrome. <i>Sleep Medicine</i> , 2018, 45, 132-139.	0.8	24

#	ARTICLE	IF	CITATIONS
1267	Striatal changes in Parkinson disease: An investigation of morphology, functional connectivity and their relationship to clinical symptoms. <i>Psychiatry Research - Neuroimaging</i> , 2018, 275, 5-13.	0.9	39
1268	Functional atlas of the awake rat brain: A neuroimaging study of rat brain specialization and integration. <i>NeuroImage</i> , 2018, 170, 95-112.	2.1	52
1269	Homozygous Loss of Autism-Risk Gene CNTNAP2 Results in Reduced Local and Long-Range Prefrontal Functional Connectivity. <i>Cerebral Cortex</i> , 2018, 28, 1141-1153.	1.6	82
1270	The Rich-Club Organization in Rat Functional Brain Network to Balance Between Communication Cost and Efficiency. <i>Cerebral Cortex</i> , 2018, 28, 924-935.	1.6	43
1271	From Structure to Activity: Using Centrality Measures to Predict Neuronal Activity. <i>International Journal of Neural Systems</i> , 2018, 28, 1750013.	3.2	55
1272	Alteration of regional homogeneity and white matter hyperintensities in amnesic mild cognitive impairment subtypes are related to cognition and CSF biomarkers. <i>Brain Imaging and Behavior</i> , 2018, 12, 188-200.	1.1	38
1273	Examining dynamic functional relationships in a pathological brain using evolutionary computation. <i>Soft Computing</i> , 2018, 22, 2341-2368.	2.1	2
1274	Modifications in resting state functional anticorrelation between default mode network and dorsal attention network: comparison among young adults, healthy elders and mild cognitive impairment patients. <i>Brain Imaging and Behavior</i> , 2018, 12, 127-141.	1.1	94
1275	Altered resting-state functional connectivity of the cerebellum in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 383-389.	1.1	62
1276	High-resolution deep functional imaging of the whole mouse brain by photoacoustic computed tomography <i>in vivo</i> . <i>Journal of Biophotonics</i> , 2018, 11, e201700024.	1.1	86
1277	Cognition and anatomy of adult Niemann-Pick disease type C: Insights for the Alzheimer field. <i>Cognitive Neuropsychology</i> , 2018, 35, 209-222.	0.4	13
1278	The cerebellum in Alzheimer's disease: evaluating its role in cognitive decline. <i>Brain</i> , 2018, 141, 37-47.	3.7	222
1279	Abnormal Structural Brain Connectome in Individuals with Preclinical Alzheimer's Disease. <i>Cerebral Cortex</i> , 2018, 28, 3638-3649.	1.6	29
1280	Evaluating functional connectivity of executive control network and frontoparietal network in Alzheimer's disease. <i>Brain Research</i> , 2018, 1678, 262-272.	1.1	53
1281	Gray matter networks and clinical progression in subjects with predementia Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 61, 75-81.	1.5	52
1282	Cortical cores in network dynamics. <i>NeuroImage</i> , 2018, 180, 370-382.	2.1	93
1283	Temporospatial Encoding of Acupuncture Effects in the Brain. , 2018, , 31-60.		1
1284	Local and distant relationships between amyloid, tau and neurodegeneration in Alzheimer's Disease. <i>NeuroImage: Clinical</i> , 2018, 17, 452-464.	1.4	126

#	ARTICLE	IF	CITATIONS
1285	Accounting for Non-Gaussian Sources of Spatial Correlation in Parametric Functional Magnetic Resonance Imaging Paradigms I: Revisiting Cluster-Based Inferences. <i>Brain Connectivity</i> , 2018, 8, 1-9.	0.8	10
1286	Reproducibility of fMRI metrics on the impact of different strategies for multiple comparison correction and sample sizes. <i>Human Brain Mapping</i> , 2018, 39, 300-318.	1.9	257
1287	Distinct amyloid precursor protein processing machineries of the olfactory system. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 533-538.	1.0	16
1288	Biological, Neuroimaging, and Neurophysiological Markers in Frontotemporal Dementia: Three Faces of the Same Coin. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1113-1123.	1.2	29
1289	Comparison of Different Hypotheses Regarding the Spread of Alzheimer's Disease Using Markov Random Fields and Multimodal Imaging. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 731-746.	1.2	6
1290	Altered cerebellar functional connectivity in remitted bipolar disorder: A resting-state functional magnetic resonance imaging study. <i>Australian and New Zealand Journal of Psychiatry</i> , 2018, 52, 962-971.	1.3	60
1291	Altered regional and integrated resting-state brain activity in general social anxiety disorder patients before and after group cognitive behavior therapy. <i>Psychiatry Research - Neuroimaging</i> , 2018, 272, 30-37.	0.9	31
1292	Effect of rs1344706 in the ZNF804A gene on the brain network. <i>NeuroImage: Clinical</i> , 2018, 17, 1000-1005.	1.4	15
1293	Perturbation of whole-brain dynamics in silico reveals mechanistic differences between brain states. <i>NeuroImage</i> , 2018, 169, 46-56.	2.1	83
1294	Network Neuroscience Theory of Human Intelligence. <i>Trends in Cognitive Sciences</i> , 2018, 22, 8-20.	4.0	229
1295	Mapping the structural and functional network architecture of the medial temporal lobe using 7T MRI. <i>Human Brain Mapping</i> , 2018, 39, 851-865.	1.9	60
1296	High frequency neurons determine effective connectivity in neuronal networks. <i>NeuroImage</i> , 2018, 166, 349-359.	2.1	29
1297	Task-based dynamic functional connectivity: Recent findings and open questions. <i>NeuroImage</i> , 2018, 180, 526-533.	2.1	239
1298	Fluctuations between high- and low-modularity topology in time-resolved functional connectivity. <i>NeuroImage</i> , 2018, 180, 406-416.	2.1	52
1299	Disrupted Topologic Efficiency of White Matter Structural Connectome in Individuals with Subjective Cognitive Decline. <i>Radiology</i> , 2018, 286, 229-238.	3.6	110
1300	A Ferret Model of Encephalopathy of Prematurity. <i>Developmental Neuroscience</i> , 2018, 40, 475-489.	1.0	6
1301	Estimating a network from multiple noisy realizations. <i>Electronic Journal of Statistics</i> , 2018, 12, .	0.4	19
1302	Regional cerebral metabolism alterations affect resting-state functional connectivity in major depressive disorder. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 910-924.	1.1	33

#	ARTICLE	IF	CITATIONS
1303	Alterations of Graphical Properties and Related Cognitive Functioning Changes in Mild Alzheimer's Disease Revealed by Individual Morphological Brain Network. <i>Frontiers in Neuroscience</i> , 2018, 12, 927.	1.4	13
1304	Network Restructuring Control for Conic Invariance with Application to Neural Networks. , 2018, , .		0
1305	Test-retest reliability of task-based and resting-state blood oxygen level dependence and cerebral blood flow measures. <i>PLoS ONE</i> , 2018, 13, e0206583.	1.1	53
1306	Quantifying Differences Between Passive and Task-Evoked Intrinsic Functional Connectivity in a Large-Scale Brain Simulation. <i>Brain Connectivity</i> , 2018, 8, 637-652.	0.8	2
1307	Pre-treatment Resting-State Functional MR Imaging Predicts the Long-Term Clinical Outcome After Short-Term Paroxetine Treatment in Post-traumatic Stress Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 532.	1.3	27
1308	Somatosensory Regions Show Limited Functional Connectivity Differences in Youth with Autism Spectrum Disorder. <i>Brain Connectivity</i> , 2018, 8, 558-566.	0.8	3
1309	Primary Disruption of the Memory-Related Subsystems of the Default Mode Network in Alzheimer's Disease: Resting-State Functional Connectivity MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 344.	1.7	28
1310	Altered functional connectivity strength in informant-reported subjective cognitive decline: A resting-state functional magnetic resonance imaging study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 688-697.	1.2	12
1311	Eyes-Open and Eyes-Closed Resting States With Opposite Brain Activity in Sensorimotor and Occipital Regions: Multidimensional Evidences From Machine Learning Perspective. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 422.	1.0	48
1312	The Network Degeneration Hypothesis: Spread of Neurodegenerative Patterns Along Neuronal Brain Networks. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1645-1648.	2.8	30
1313	Amnesic Mild Cognitive Impairment Is Associated With Frequency-Specific Brain Network Alterations in Temporal Poles. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 400.	1.7	29
1314	Aberrant Cerebral Activity in Early Postmenopausal Women: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 454.	1.8	7
1315	Alterations in Brain Network Topology and Structural-Functional Connectome Coupling Relate to Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 404.	1.7	52
1317	Concept. , 0, , 6-27.		0
1318	Giant Cells in the Medullary Reticular Formation. , 0, , 28-38.		0
1319	Pons. , 0, , 39-48.		0
1320	Midbrain. , 0, , 49-57.		0
1321	Hypothalamus: Low Road. , 0, , 58-67.		0

#	ARTICLE	IF	CITATIONS
1322	Thalamus: High Road. , 0, , 68-79.		0
1323	High Arousal. , 0, , 80-93.		0
1324	Phase Transitions from Low GA States. , 0, , 94-106.		0
1325	Roots of Consciousness and Its Disorders. , 0, , 107-114.		0
1326	A Vertically Integrated System. , 0, , 115-122.		0
1329	Automatic Recognition of Resting State fMRI Networks with Dictionary Learning. Lecture Notes in Computer Science, 2018, , 249-259.	1.0	3
1330	Disrupted network topology in patients with Lewy bodies dementia compared to Alzheimer's disease, Parkinson disease dementia and Health Control*. , 2018, 2018, 1899-1902.		4
1331	Cortical Hub Failure in Schizophrenia. Biological Psychiatry, 2018, 84, e65-e66.	0.7	0
1332	Whole-Brain Multimodal Neuroimaging Model Using Serotonin Receptor Maps Explains Non-linear Functional Effects of LSD. Current Biology, 2018, 28, 3065-3074.e6.	1.8	159
1333	Imaging the evolution and pathophysiology of Alzheimer disease. Nature Reviews Neuroscience, 2018, 19, 687-700.	4.9	372
1334	Disrupted asymmetry of inter- and intra-hemispheric functional connectivity in patients with drug-naive, first-episode schizophrenia and their unaffected siblings. EBioMedicine, 2018, 36, 429-435.	2.7	32
1335	Mapping individual voxel-wise morphological connectivity using wavelet transform of voxel-based morphology. PLoS ONE, 2018, 13, e0201243.	1.1	10
1336	Topology of the Structural Social Brain Network in Typical Adults. Brain Connectivity, 2018, 8, 537-548.	0.8	16
1337	Intranasal oxytocin and OXTR genotype effects on resting state functional connectivity: A systematic review. Neuroscience and Biobehavioral Reviews, 2018, 95, 17-32.	2.9	38
1338	Altered spatial and temporal concordance among intrinsic brain activity measures in schizophrenia. Journal of Psychiatric Research, 2018, 106, 91-98.	1.5	21
1339	Synchronous tonic-to-bursting transitions in a neuronal hub motif. Chaos, 2018, 28, 106315.	1.0	4
1340	Comparison of EEG microstates with resting state fMRI and FDGâ€P PET measures in the default mode network via simultaneously recorded trimodal (PET/MR/EEG) data. Human Brain Mapping, 2021, 42, 4122-4133.	1.9	32
1341	Aberrant functional connectivity network in subjective memory complaint individuals relates to pathological biomarkers. Translational Neurodegeneration, 2018, 7, 27.	3.6	34

#	ARTICLE	IF	CITATIONS
1342	The Changes of Functional Connectivity Strength in Electroconvulsive Therapy for Depression: A Longitudinal Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 661.	1.4	31
1343	Neurogenetic contributions to amyloid beta and tau spreading in the human cortex. <i>Nature Medicine</i> , 2018, 24, 1910-1918.	15.2	135
1344	Abnormal Global Functional Connectivity Patterns in Medication-Free Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 692.	1.4	11
1345	Resting-state Functional Connectivity and Deception: Exploring Individualized Deceptive Propensity by Machine Learning. <i>Neuroscience</i> , 2018, 395, 101-112.	1.1	20
1346	Selective modulation of brain network dynamics by seizure therapy in treatment-resistant depression. <i>NeuroImage: Clinical</i> , 2018, 20, 1176-1190.	1.4	28
1347	AMPA-ergic regulation of amyloid- β^2 levels in an Alzheimer's disease mouse model. <i>Molecular Neurodegeneration</i> , 2018, 13, 22.	4.4	41
1348	Impact of Negative Correlations in Characterizing Cognitive Load States Using EEG Based Functional Brain Networks. <i>Communications in Computer and Information Science</i> , 2018, , 74-86.	0.4	0
1349	Investigating the Correspondence of Clinical Diagnostic Grouping With Underlying Neurobiological and Phenotypic Clusters Using Unsupervised Machine Learning. <i>Frontiers in Applied Mathematics and Statistics</i> , 2018, 4, .	0.7	18
1350	Abnormal Functional Brain Networks in Mild Cognitive Impairment and Alzheimer's Disease: A Minimum Spanning Tree Analysis. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 1093-1107.	1.2	22
1351	Left frontotemporal effective connectivity during semantic feature judgments in patients with chronic aphasia and age-matched healthy controls. <i>Cortex</i> , 2018, 108, 173-192.	1.1	21
1352	Association between resting-state brain functional connectivity and cortisol levels in unmedicated major depressive disorder. <i>Journal of Psychiatric Research</i> , 2018, 105, 55-62.	1.5	12
1353	Disrupted topology of the resting state structural connectome in middle-aged APOE ϵ^4 carriers. <i>NeuroImage</i> , 2018, 178, 295-305.	2.1	34
1354	Recent advances in the use of MRI to assess early human cortical development. <i>Journal of Magnetic Resonance</i> , 2018, 293, 56-69.	1.2	15
1355	Short timescale abnormalities in the states of spontaneous synchrony in the functional neural networks in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 20, 128-152.	1.4	32
1356	Mutual connectivity analysis of resting-state functional MRI data with local models. <i>NeuroImage</i> , 2018, 178, 210-223.	2.1	18
1357	Handedness-dependent functional organizational patterns within the bilateral vestibular cortical network revealed by fMRI connectivity based parcellation. <i>NeuroImage</i> , 2018, 178, 224-237.	2.1	41
1358	Amyloid Accumulation and Cognitive Decline in Clinically Normal Older Individuals: Implications for Aging and Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S633-S646.	1.2	52
1359	Aging of human alpha rhythm. <i>Neurobiology of Aging</i> , 2018, 69, 261-273.	1.5	55

#	ARTICLE	IF	CITATIONS
1360	Functional brain lateralization in schizophrenia based on the variability of resting-state fMRI signal. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 114-121.	2.5	24
1361	Individual T1-weighted/T2-weighted ratio brain networks: Small-worldness, hubs and modular organization. <i>International Journal of Modern Physics C</i> , 2018, 29, 1840007.	0.8	3
1362	Differentiated Regional Homogeneity in Progressive Mild Cognitive Impairment: A Study With Post Hoc Label. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2018, 33, 373-384.	0.9	20
1363	The effect of machine learning regression algorithms and sample size on individualized behavioral prediction with functional connectivity features. <i>NeuroImage</i> , 2018, 178, 622-637.	2.1	241
1364	Quasi-Periodic Patterns of Neural Activity improve Classification of Alzheimer's Disease in Mice. <i>Scientific Reports</i> , 2018, 8, 10024.	1.6	35
1365	The fronto-insular cortex causally mediates the default-mode and central-executive networks to contribute to individual cognitive performance in healthy elderly. <i>Human Brain Mapping</i> , 2018, 39, 4302-4311.	1.9	29
1366	Functional Connectivity Changes in Behavioral, Semantic, and Nonfluent Variants of Frontotemporal Dementia. <i>Behavioural Neurology</i> , 2018, 2018, 1-10.	1.1	36
1367	Age of Insomnia Onset Correlates with a Reversal of Default Mode Network and Supplementary Motor Cortex Connectivity. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	20
1368	Weighted Symbolic Dependence Metric (wSDM) for fMRI resting-state connectivity: A multicentric validation for frontotemporal dementia. <i>Scientific Reports</i> , 2018, 8, 11181.	1.6	26
1369	Reorganization of cerebro-cerebellar circuit in patients with left hemispheric gliomas involving language network: A combined structural and resting-state functional MRI study. <i>Human Brain Mapping</i> , 2018, 39, 4802-4819.	1.9	51
1370	Acupuncture Modulates the Cerebello-Thalamo-Cortical Circuit and Cognitive Brain Regions in Patients of Parkinson's Disease With Tremor. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 206.	1.7	43
1371	Biophysical Modeling of Large-Scale Brain Dynamics and Applications for Computational Psychiatry. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 777-787.	1.1	35
1372	Altered Intrinsic Coupling between Functional Connectivity Density and Amplitude of Low-Frequency Fluctuation in Mild Cognitive Impairment with Depressive Symptoms. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	1.0	11
1373	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
1374	Functional Connectivity Density, Local Brain Spontaneous Activity, and Their Coupling Strengths in Patients With Borderline Personality Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 342.	1.3	10
1375	Altered Brain Functional Hubs and Connectivity in Type 2 Diabetes Mellitus Patients: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 55.	1.7	38
1376	Altered Functional Connectivity of Insular Subregions in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 107.	1.7	56
1377	The Dose-Dependent Effects of Vascular Risk Factors on Dynamic Compensatory Neural Processes in Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 131.	1.7	15

#	ARTICLE	IF	CITATIONS
1378	Altered Whole-Brain and Network-Based Functional Connectivity in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 419.	1.1	51
1379	Resting-State Connectivity and Its Association With Cognitive Performance, Educational Attainment, and Household Income in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 878-886.	1.1	46
1380	Molecular imaging in dementia: Past, present, and future. <i>Alzheimer's and Dementia</i> , 2018, 14, 1522-1552.	0.4	68
1381	On the nature and use of models in network neuroscience. <i>Nature Reviews Neuroscience</i> , 2018, 19, 566-578.	4.9	277
1382	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
1383	Molecular properties underlying regional vulnerability to Alzheimer's disease pathology. <i>Brain</i> , 2018, 141, 2755-2771.	3.7	89
1384	Aberrant Cortical Integration in First-Episode Psychosis During Natural Audiovisual Processing. <i>Biological Psychiatry</i> , 2018, 84, 655-664.	0.7	26
1385	Brain's functional network clustering coefficient changes in response to instruction (RTI) in students with and without reading disabilities: Multi-leveled reading brain's RTI. <i>Cogent Psychology</i> , 2018, 5, 1424680.	0.6	11
1386	Cerebrovascular disease influences functional and structural network connectivity in patients with amnesic mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 82.	3.0	31
1387	Altered Long- and Short-Range Functional Connectivity Density in Healthy Subjects After Sleep Deprivations. <i>Frontiers in Neurology</i> , 2018, 9, 546.	1.1	22
1388	Functional brain network centrality is related to APOE genotype in cognitively normal elderly. <i>Brain and Behavior</i> , 2018, 8, e01080.	1.0	18
1389	Similar Effects for Resting State and Unconscious Thought: Both Solve Multi-attribute Choices Better Than Conscious Thought. <i>Frontiers in Psychology</i> , 2018, 9, 1360.	1.1	1
1390	Altered topology of the functional speech production network in non-fluent/agrammatic variant of PPA. <i>Cortex</i> , 2018, 108, 252-264.	1.1	41
1391	Investigation on the Neural Mechanism of Hypnosis-Based Respiratory Control Using Functional MRI. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.4	16
1392	Altered functional connectivity density in patients with herpes zoster and postherpetic neuralgia. <i>Journal of Pain Research</i> , 2018, Volume 11, 881-888.	0.8	16
1393	Metastable neural dynamics in Alzheimer's disease are disrupted by lesions to the structural connectome. <i>NeuroImage</i> , 2018, 183, 438-455.	2.1	34
1394	Executive dysfunction contributes to verbal encoding and retrieval deficits in posterior cortical atrophy. <i>Cortex</i> , 2018, 106, 36-46.	1.1	27
1395	Resting-State Functional Connectivity Underlying Costly Punishment: A Machine-Learning Approach. <i>Neuroscience</i> , 2018, 385, 25-37.	1.1	20

#	ARTICLE	IF	CITATIONS
1396	Connectome-derived diffusion characteristics of the fornix in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 19, 331-342.	1.4	19
1397	Abnormal degree centrality in chronic users of codeine-containing cough syrups: A resting-state functional magnetic resonance imaging study. <i>NeuroImage: Clinical</i> , 2018, 19, 775-781.	1.4	18
1398	Finding influential nodes for integration in brain networks using optimal percolation theory. <i>Nature Communications</i> , 2018, 9, 2274.	5.8	77
1399	The multifaceted abstract brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170122.	1.8	71
1400	Frequency and amplitude modulation of resting-state fMRI signals and their functional relevance in normal aging. <i>Neurobiology of Aging</i> , 2018, 70, 59-69.	1.5	25
1401	Altered Cortical and Hippocampal Excitability in TgF344-AD Rats Modeling Alzheimer's Disease Pathology. <i>Cerebral Cortex</i> , 2019, 29, 2716-2727.	1.6	54
1402	Spatial Patterns of Hypometabolism and Amyloid Deposition in Variants of Alzheimer's Disease Corresponding to Brain Networks: a Prospective Cohort Study. <i>Molecular Imaging and Biology</i> , 2019, 21, 140-148.	1.3	13
1403	Neonatal brain injury and aberrant connectivity. <i>NeuroImage</i> , 2019, 185, 609-623.	2.1	58
1404	Time-evolving dynamics in brain networks forecast responses to health messaging. <i>Network Neuroscience</i> , 2019, 3, 138-156.	1.4	14
1405	Abnormal dynamics of functional connectivity density in children with benign epilepsy with centrotemporal spikes. <i>Brain Imaging and Behavior</i> , 2019, 13, 985-994.	1.1	36
1406	Microstructure-Informed Connectomics: Enriching Large-Scale Descriptions of Healthy and Diseased Brains. <i>Brain Connectivity</i> , 2019, 9, 113-127.	0.8	50
1407	Is there a higher prevalence of tinnitus in patients with temporomandibular disorders? A systematic review and meta-analysis. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 76-86.	1.3	23
1408	Effects of levodopa therapy on voxel-based degree centrality in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2019, 13, 1202-1219.	1.1	22
1409	Potential biomarkers for distinguishing people with Alzheimer's disease from cognitively intact elderly based on the rich-club hierarchical structure of white matter networks. <i>Neuroscience Research</i> , 2019, 144, 56-66.	1.0	16
1410	Speech structure links the neural and socio-behavioural correlates of psychotic disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 112-120.	2.5	59
1411	Aberrant Brain Connectivity in Schizophrenia Detected via a Fast Gaussian Graphical Model. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1479-1489.	3.9	10
1412	Distinct Interplay Between Atrophy and Hypometabolism in Alzheimer's Versus Semantic Dementia. <i>Cerebral Cortex</i> , 2019, 29, 1889-1899.	1.6	24
1413	Neural Correlates of Auditory Verbal Hallucinations in Schizophrenia and the Therapeutic Response to Theta-Burst Transcranial Magnetic Stimulation. <i>Schizophrenia Bulletin</i> , 2019, 45, 474-483.	2.3	50

#	ARTICLE	IF	CITATIONS
1414	Global connectivity of the fronto-parietal cognitive control network is related to depression symptoms in the general population. <i>Network Neuroscience</i> , 2019, 3, 107-123.	1.4	65
1415	The Benefit of Slice Timing Correction in Common fMRI Preprocessing Pipelines. <i>Frontiers in Neuroscience</i> , 2019, 13, 821.	1.4	24
1416	Dementia Risk Elevates Brain Activity During Memory Retrieval: A Functional MRI Analysis of Middle Aged and Older Adults. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 1005-1023.	1.2	11
1417	Effects of hypogonadism on brain development during adolescence in girls with Turner syndrome. <i>Human Brain Mapping</i> , 2019, 40, 4901-4911.	1.9	6
1418	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
1419	Disrupted Regional Cerebral Blood Flow, Functional Activity and Connectivity in Alzheimer's Disease: A Combined ASL Perfusion and Resting State fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 738.	1.4	48
1420	Default Mode Network Connectivity Moderates the Relationship Between the APOE Genotype and Cognition and Individualizes Identification Across the Alzheimer's Disease Spectrum. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 843-860.	1.2	18
1421	Parcellation of the Hippocampus Using Resting Functional Connectivity in Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 920.	1.1	29
1422	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders. <i>Nature Human Behaviour</i> , 2019, 3, 988-998.	6.2	75
1423	Close yet independent: Dissociation of social from valence and abstract semantic dimensions in the left anterior temporal lobe. <i>Human Brain Mapping</i> , 2019, 40, 4759-4776.	1.9	44
1424	Neuroimaging in Parkinson's disease dementia: connecting the dots. <i>Brain Communications</i> , 2019, 1, fcz006.	1.5	62
1425	Changes in Centrality Frequency of the Default Mode Network in Individuals With Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 118.	1.7	23
1426	Blood-brain barrier and innate immunity in the pathogenesis of Alzheimer's disease. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 168, 99-145.	0.9	23
1427	Degree and centrality-based approaches in network-based variable selection: Insights from the Singapore Longitudinal Aging Study. <i>PLoS ONE</i> , 2019, 14, e0219186.	1.1	2
1428	Altered Global Synchronizations in Patients With Parkinson's Disease: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 139.	1.7	21
1429	Functional network connectivity changes in children with attention-deficit hyperactivity disorder: A resting-state fMRI study. <i>International Journal of Developmental Neuroscience</i> , 2019, 78, 1-6.	0.7	27
1430	The functional interaction of the brain default network with motor networks is modified by aging. <i>Behavioural Brain Research</i> , 2019, 372, 112048.	1.2	13
1431	Changes in Resting-State Functional Connectivity of the Hippocampus Following Cognitive Effort Predict Memory Decline at Older Age—A Longitudinal fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 163.	1.7	9

#	ARTICLE	IF	CITATIONS
1432	Potential Clinical Applications and Future Prospect of Wireless and Mobile Electroencephalography on the Assessment of Cognitive Impairment. <i>Bioelectricity</i> , 2019, 1, 105-112.	0.6	5
1433	Photobiomodulation: a novel approach to treating Alzheimer's disease. , 2019, , 401-417.		0
1434	A graph representation of functional diversity of brain regions. <i>Brain and Behavior</i> , 2019, 9, e01358.	1.0	7
1435	Differential effects of Down's syndrome and Alzheimer's neuropathology on default mode connectivity. <i>Human Brain Mapping</i> , 2019, 40, 4551-4563.	1.9	36
1436	Network functional connectivity analysis in individuals at ultrahigh risk for psychosis and patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2019, 290, 51-57.	0.9	9
1437	A New Approach for Functional Connectivity via Alignment of Blood Oxygen Level-Dependent Signals. <i>Brain Connectivity</i> , 2019, 9, 464-474.	0.8	4
1438	Altered Functional Connectivity and Brain Network Property in Pregnant Women With Cleft Fetuses. <i>Frontiers in Psychology</i> , 2019, 10, 2235.	1.1	4
1439	Subjective Cognitive Decline and Biomarkers of Preclinical Alzheimer's Disease. <i>Current Behavioral Neuroscience Reports</i> , 2019, 6, 219-226.	0.6	1
1440	Neural Effects of Gender and Age Interact in Reading. <i>Frontiers in Neuroscience</i> , 2019, 13, 1115.	1.4	4
1441	Cingulate-centered large-scale networks: Normal functions, aging, and neurodegenerative disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 166, 113-127.	1.0	16
1442	Negatively Linking Connector Networks in Cognitive Control of Affective Pictures. <i>Frontiers in Neuroscience</i> , 2019, 13, 1069.	1.4	1
1443	Fractal analysis of variance for random objects. <i>Biometrika</i> , 2019, 106, 803-821.	1.3	23
1444	Levels of Tc17 cells in thymic epithelial cell tumors associated with autoimmune diseases. <i>Mediastinum</i> , 2019, 3, 8-8.	0.6	0
1445	Targeting age-related differences in brain and cognition with multimodal imaging and connectome topography profiling. <i>Human Brain Mapping</i> , 2019, 40, 5213-5230.	1.9	33
1446	Inconsistency in Abnormal Functional Connectivity Across Datasets of ADHD-200 in Children With Attention Deficit Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 692.	1.3	21
1447	The brain's default network: updated anatomy, physiology and evolving insights. <i>Nature Reviews Neuroscience</i> , 2019, 20, 593-608.	4.9	652
1448	Impact of targeted attack on the spontaneous activity in spatial and biologically-inspired neuronal networks. <i>Chaos</i> , 2019, 29, 083126.	1.0	15
1449	Aberrant MEG multi-frequency phase temporal synchronization predicts conversion from mild cognitive impairment-to-Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 24, 101972.	1.4	25

#	ARTICLE	IF	CITATIONS
1450	Reduced brainstem functional connectivity in patients with peripheral autonomic failure. <i>NeuroImage: Clinical</i> , 2019, 23, 101924.	1.4	4
1451	Structural Connectivity Alterations in Amyotrophic Lateral Sclerosis: A Graph Theory Based Imaging Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 1044.	1.4	14
1452	Implications of large-sample neuroimaging studies of creativity measured by divergent thinking. <i>Current Opinion in Behavioral Sciences</i> , 2019, 27, 139-145.	2.0	15
1453	Quantification of structural brain connectivity via a conductance model. <i>NeuroImage</i> , 2019, 189, 485-496.	2.1	15
1454	Biological Characteristics of Connection-Wise Resting-State Functional Connectivity Strength. <i>Cerebral Cortex</i> , 2019, 29, 4646-4653.	1.6	8
1455	Quantifying and Visualizing Intraregional Connectivity in Resting-State Functional Magnetic Resonance Imaging with Correlation Densities. <i>Brain Connectivity</i> , 2019, 9, 37-47.	0.8	6
1456	An Essential Role of the Intraparietal Sulcus in Response Inhibition Predicted by Parcellation-Based Network. <i>Journal of Neuroscience</i> , 2019, 39, 2509-2521.	1.7	59
1457	Altered functional connectivity and low-frequency signal fluctuations in early psychosis and genetic high risk. <i>Schizophrenia Research</i> , 2019, 210, 172-179.	1.1	17
1458	Altered Resting Functional Connectivity Is Related to Cognitive Outcome in Males With Moderate-Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 1163.	1.1	18
1459	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
1460	Estimation of Functional Connectivity Modulations During Task Engagement and Their Neurovascular Underpinnings Through Hemodynamic Reorganization Method. <i>Brain Connectivity</i> , 2019, 9, 341-355.	0.8	4
1461	Spatially Overlapping Regions Show Abnormal Thalamo-frontal Circuit and Abnormal Precuneus in Disorders of Consciousness. <i>Brain Topography</i> , 2019, 32, 445-460.	0.8	7
1462	Resting state network modularity along the prodromal late onset Alzheimer's disease continuum. <i>NeuroImage: Clinical</i> , 2019, 22, 101687.	1.4	51
1463	Automatic classification and removal of structured physiological noise for resting state functional connectivity MRI analysis. <i>Magnetic Resonance Imaging</i> , 2019, 58, 97-107.	1.0	5
1464	White-matter pathways and semantic processing: intrasurgical and lesion-symptom mapping evidence. <i>NeuroImage: Clinical</i> , 2019, 22, 101704.	1.4	42
1465	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654.	2.1	33
1466	Structural covariability hubs in old age. <i>NeuroImage</i> , 2019, 189, 307-315.	2.1	2
1467	Investigating the predictive value of different resting-state functional MRI parameters in obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2019, 9, 17.	2.4	56

#	ARTICLE	IF	CITATIONS
1468	AD molecular: Molecular imaging of Alzheimer's disease: PET imaging of neurotransmitter systems. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 165, 139-165.	0.9	6
1469	A cross-disorder connectome landscape of brain dysconnectivity. <i>Nature Reviews Neuroscience</i> , 2019, 20, 435-446.	4.9	298
1470	Node centrality measures are a poor substitute for causal inference. <i>Scientific Reports</i> , 2019, 9, 6846.	1.6	89
1471	The Von Restorff effect in the Brazilian version of the Rey Auditory Verbal Learning Test in an elderly population. <i>Dementia E Neuropsychologia</i> , 2019, 13, 89-96.	0.3	0
1472	Frequency-Dependent Relationship Between Resting-State fMRI and Glucose Metabolism in the Elderly. <i>Frontiers in Neurology</i> , 2019, 10, 566.	1.1	19
1473	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
1474	Frequency-Dependent Spatial Distribution of Functional Hubs in the Human Brain and Alterations in Major Depressive Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 146.	1.0	14
1475	Brain default-mode network dysfunction in addiction. <i>NeuroImage</i> , 2019, 200, 313-331.	2.1	208
1476	Stable Isotope Labeling Kinetics in CNS Translational Medicine: Introduction to SILK Technology. <i>Handbook of Behavioral Neuroscience</i> , 2019, 29, 173-190.	0.7	0
1477	Disruptions of the olfactory and default mode networks in Alzheimer's disease. <i>Brain and Behavior</i> , 2019, 9, e01296.	1.0	23
1478	Potential Intra- or Cross-Network Functional Reorganization of the Triple Unifying Networks in Patients with Frontal Glioma. <i>World Neurosurgery</i> , 2019, 128, e732-e743.	0.7	19
1479	The role of network structure and time delay in a metapopulation Wilson–Cowan model. <i>Journal of Theoretical Biology</i> , 2019, 477, 1-13.	0.8	8
1480	The CD33 genotype associated cognitive performance was bidirectionally modulated by intrinsic functional connectivity in the Alzheimer's disease spectrum. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108903.	2.5	5
1481	Multiscale Neuroscience of Psychiatric Disorders. <i>Biological Psychiatry</i> , 2019, 86, 512-522.	0.7	46
1482	The effects of lesion and treatment-related recovery on functional network modularity in post-stroke dysgraphia. <i>NeuroImage: Clinical</i> , 2019, 23, 101865.	1.4	22
1483	Tinnitus distress: a paradoxical attention to the sound?. <i>Journal of Neurology</i> , 2019, 266, 2197-2207.	1.8	21
1484	Machine Learning Based Classification of Resting-State fMRI Features Exemplified by Metabolic State (Hunger/Satiety). <i>Frontiers in Human Neuroscience</i> , 2019, 13, 164.	1.0	25
1485	Ischemic Stroke in Pontine and Corona Radiata: Location Specific Impairment of Neural Network Investigated With Resting State fMRI. <i>Frontiers in Neurology</i> , 2019, 10, 575.	1.1	18

#	ARTICLE	IF	CITATIONS
1486	High-density diffuse optical tomography for imaging human brain function. Review of Scientific Instruments, 2019, 90, 051101.	0.6	95
1487	Tau covariance patterns in Alzheimer's disease patients match intrinsic connectivity networks in the healthy brain. NeuroImage: Clinical, 2019, 23, 101848.	1.4	73
1488	Effects of the Co-occurrence of Anxiety and Attention-Deficit/Hyperactivity Disorder on Intrinsic Functional Network Centrality among Children with Autism Spectrum Disorder. Autism Research, 2019, 12, 1057-1068.	2.1	11
1489	Hippocampal network abnormalities explain amnesia after VGKCC-Ab related autoimmune limbic encephalitis. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 965-974.	0.9	32
1490	Altered whole brain functional connectivity pattern homogeneity in medication-free major depressive disorder. Journal of Affective Disorders, 2019, 253, 18-25.	2.0	46
1491	Gray matter structural covariance networks changes along the Alzheimer's disease continuum. NeuroImage: Clinical, 2019, 23, 101828.	1.4	31
1492	Disrupted core-periphery structure of multimodal brain networks in Alzheimer's disease. Network Neuroscience, 2019, 3, 635-652.	1.4	20
1493	Treating Depression With Tai Chi: State of the Art and Future Perspectives. Frontiers in Psychiatry, 2019, 10, 237.	1.3	40
1494	Temporal and Spectral Signatures of the Default Mode Network. , 2019, , 1-33.		0
1495	ASAF: altered spontaneous activity fingerprinting in Alzheimer's disease based on multisite fMRI. Science Bulletin, 2019, 64, 998-1010.	4.3	24
1496	Wasserstein covariance for multiple random densities. Biometrika, 2019, 106, 339-351.	1.3	16
1497	Slowing is slowing: Delayed neural responses to words are linked to abnormally slow resting state activity in primary progressive aphasia. Neuropsychologia, 2019, 129, 331-347.	0.7	8
1498	Longitudinal progression of grey matter atrophy in non-amnesic Alzheimer's disease. Brain, 2019, 142, 1701-1722.	3.7	37
1499	The Impact of Whole Brain Global Functional Connectivity Density Following MECT in Major Depression: A Follow-Up Study. Frontiers in Psychiatry, 2019, 10, 7.	1.3	14
1500	Network Neuroscience. , 2019, , 490-532.		0
1501	Association Between Fractional Amplitude of Low-Frequency Spontaneous Fluctuation and Degree Centrality in Children and Adolescents. Brain Connectivity, 2019, 9, 379-387.	0.8	6
1502	Dynamic mode decomposition of resting-state and task fMRI. NeuroImage, 2019, 194, 42-54.	2.1	54
1503	Reliable local dynamics in the brain across sessions are revealed by whole-brain modeling of resting state activity. Human Brain Mapping, 2019, 40, 2967-2980.	1.9	26

#	ARTICLE	IF	CITATIONS
1504	The spatial chronnectome reveals a dynamic interplay between functional segregation and integration. <i>Human Brain Mapping</i> , 2019, 40, 3058-3077.	1.9	67
1505	Physiological significance of R-fMRI indices: Can functional metrics differentiate structural lesions (brain tumors)? <i>NeuroImage: Clinical</i> , 2019, 22, 101741.	1.4	4
1506	Association Between Earliest Amyloid Uptake and Functional Connectivity in Cognitively Unimpaired Elderly. <i>Cerebral Cortex</i> , 2019, 29, 2173-2182.	1.6	39
1507	Abnormal intrinsic functional network hubs and connectivity following peripheral visual loss because of inherited retinal degeneration. <i>NeuroReport</i> , 2019, 30, 295-304.	0.6	7
1508	Ventral Visual Pathway-Cerebellar Circuit Deficits in Alcohol Dependence: Long- and Short-Range Functional Connectivity Density Study. <i>Frontiers in Neurology</i> , 2019, 10, 98.	1.1	5
1509	Mechanisms of functional compensation, delineated by eigenvector centrality mapping, across the pathophysiological continuum of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101777.	1.4	29
1510	Consequences of multilingualism for neural architecture. <i>Behavioral and Brain Functions</i> , 2019, 15, 6.	1.4	34
1511	Somatosensory Stimulation With XNKQ Acupuncture Modulates Functional Connectivity of Motor Areas. <i>Frontiers in Neuroscience</i> , 2019, 13, 147.	1.4	14
1512	Thalamo-cortical network hyperconnectivity in preclinical progranulin mutation carriers. <i>NeuroImage: Clinical</i> , 2019, 22, 101751.	1.4	30
1513	Elaboration Benefits Source Memory Encoding Through Centrality Change. <i>Scientific Reports</i> , 2019, 9, 3704.	1.6	5
1514	Distinctive and Pervasive Alterations of Functional Brain Networks in Cerebral Small Vessel Disease with and without Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019, 47, 55-67.	0.7	27
1515	Characterizing the Molecular Architecture of Cortical Regions Associated with High Educational Attainment in Older Individuals. <i>Journal of Neuroscience</i> , 2019, 39, 4566-4575.	1.7	18
1516	High-level Integrative Networks: A Resting-state fMRI Investigation of Reading and Spelling. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 961-977.	1.1	7
1517	Abnormal coupling among spontaneous brain activity metrics and cognitive deficits in major depressive disorder. <i>Journal of Affective Disorders</i> , 2019, 252, 74-83.	2.0	23
1518	Cerebellar functional abnormalities in early stage drug-naïve and medicated Parkinson's disease. <i>Journal of Neurology</i> , 2019, 266, 1578-1587.	1.8	12
1519	GABA and glutamate moderate beta-amyloid related functional connectivity in cognitively unimpaired old-aged adults. <i>NeuroImage: Clinical</i> , 2019, 22, 101776.	1.4	28
1520	A consistent organizational structure across multiple functional subnetworks of the human brain. <i>NeuroImage</i> , 2019, 197, 24-36.	2.1	5
1521	Carbon nanomaterials and amyloid-beta interactions: potentials for the detection and treatment of Alzheimer's disease?. <i>Pharmacological Research</i> , 2019, 143, 186-203.	3.1	42

#	ARTICLE	IF	CITATIONS
1522	Abnormal Degree Centrality Associated With Cognitive Dysfunctions in Early Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 140.	1.3	32
1523	Linking brain network reconfiguration and intelligence: Are we there yet?. <i>Trends in Neuroscience and Education</i> , 2019, 15, 62-70.	1.5	21
1524	Abnormal functional network centrality in drug-naïve boys with attention-deficit/hyperactivity disorder. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 1321-1328.	2.8	21
1525	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
1526	A connectome-based mechanistic model of focal cortical dysplasia. <i>Brain</i> , 2019, 142, 688-699.	3.7	38
1527	Decreased Intrinsic Functional Connectivity in First-Episode, Drug-Naïve Adolescents With Generalized Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 539.	1.0	13
1528	Structural connectivity centrality changes mark the path toward Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 98-107.	1.2	17
1529	Functional asymmetry of thalamocortical networks in subjects at ultra-high risk for psychosis and first-episode schizophrenia. <i>European Neuropsychopharmacology</i> , 2019, 29, 519-528.	0.3	24
1530	Parallel distributed networks resolved at high resolution reveal close juxtaposition of distinct regions. <i>Journal of Neurophysiology</i> , 2019, 121, 1513-1534.	0.9	113
1531	The Local Brain Abnormalities in Patients With Transient Ischemic Attack: A Resting-State fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 24.	1.4	26
1532	Pubertal maturation and sex effects on the default-mode network connectivity implicated in mood dysregulation. <i>Translational Psychiatry</i> , 2019, 9, 103.	2.4	40
1533	Patients with autism spectrum disorders display reproducible functional connectivity alterations. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	115
1534	Rehabilitative compensatory mechanism of hierarchical subnetworks in major depressive disorder: A longitudinal study across multi-sites. <i>European Psychiatry</i> , 2019, 58, 54-62.	0.1	14
1535	Hierarchical complexity of the adult human structural connectome. <i>NeuroImage</i> , 2019, 191, 205-215.	2.1	16
1536	A Functional Data Method for Causal Dynamic Network Modeling of Task-Related fMRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 127.	1.4	9
1537	A SENTence Supramodal Areas Atlas (SENSAAS) based on multiple task-induced activation mapping and graph analysis of intrinsic connectivity in 144 healthy right-handers. <i>Brain Structure and Function</i> , 2019, 224, 859-882.	1.2	58
1538	Estimation of large covariance and precision matrices from temporally dependent observations. <i>Annals of Statistics</i> , 2019, 47, .	1.4	14
1539	A Hierarchical Brain Network Model Based on the K-Shell Decomposition Algorithm. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
1540	Acute and Sustained Effects on Human Brain Induced by Different Modalities of Acupuncture: An fMRI Study. , 2019, , .		1
1541	Altered Topological Organization in the Sensorimotor Network After Application of Different Frequency rTMS. <i>Frontiers in Neuroscience</i> , 2019, 13, 1377.	1.4	4
1542	Synaptic Failure Differentially Affects Pattern Formation in Heterogenous Networks. <i>Frontiers in Neural Circuits</i> , 2019, 13, 31.	1.4	6
1543	The brain's functional connectome in young children with prenatal alcohol exposure. <i>NeuroImage: Clinical</i> , 2019, 24, 102082.	1.4	17
1544	Generating Nonlinear Models of Functional Connectivity from Functional Magnetic Resonance Imaging Data with Genetic Programming. , 2019, , .		1
1545	Synaptic Plasticity Shapes Brain Connectivity: Implications for Network Topology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6193.	1.8	78
1546	A 5-year longitudinal evaluation in patients with mild cognitive impairment by 11C-PIB PET/CT. <i>Nuclear Medicine Communications</i> , 2019, 40, 525-531.	0.5	5
1547	Resting-state functional connectivity alterations in periventricular nodular heterotopia related epilepsy. <i>Scientific Reports</i> , 2019, 9, 18473.	1.6	5
1548	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
1549	Aging and Attention. , 2019, , 140-152.		1
1550	Normative pathways in the functional connectome. <i>NeuroImage</i> , 2019, 184, 317-334.	2.1	10
1551	Adaptation of brain functional stream architecture in athletes with fast demands of sensorimotor integration. <i>Human Brain Mapping</i> , 2019, 40, 420-431.	1.9	16
1552	Experimentally induced subclinical hypothyroidism causes decreased functional connectivity of the cuneus: A resting state fMRI study. <i>Psychoneuroendocrinology</i> , 2019, 102, 158-163.	1.3	13
1553	Network localization of heterogeneous neuroimaging findings. <i>Brain</i> , 2019, 142, 70-79.	3.7	91
1554	Brain Functional Organization Associated With Language Lateralization. <i>Cerebral Cortex</i> , 2019, 29, 4312-4320.	1.6	16
1555	Amyloid burden accelerates white matter degradation in cognitively normal elderly individuals. <i>Human Brain Mapping</i> , 2019, 40, 2065-2075.	1.9	35
1556	Ontogeny of calcium-binding proteins in the cingulate cortex of the guinea pig: The same onset but different developmental patterns. <i>Annals of Anatomy</i> , 2019, 222, 103-113.	1.0	0
1557	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

#	ARTICLE	IF	CITATIONS
1558	Visual search task immediate training effects on task-related functional connectivity. <i>Brain Imaging and Behavior</i> , 2019, 13, 1566-1579.	1.1	6
1559	Capturing Dynamic Connectivity From Resting State fMRI Using Time-Varying Graphical Lasso. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1852-1862.	2.5	32
1560	Biological markers of aging and mental health: A seed and soil model of neurocognitive disorders. <i>Aging and Mental Health</i> , 2019, 23, 793-799.	1.5	13
1561	Beta-amyloid short- and long-term synaptic entanglement. <i>Pharmacological Research</i> , 2019, 139, 243-260.	3.1	21
1562	Interactions between monoamine oxidase A rs1137070 and smoking on brain structure and function in male smokers. <i>European Journal of Neuroscience</i> , 2019, 50, 2201-2210.	1.2	8
1563	Simultaneous PET-MR-EEG: Technology, Challenges and Application in Clinical Neuroscience. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 377-385.	2.7	9
1564	De la neurophysiologie sèche À la neurophysiologie humide: entre mythologies neuroscientifiques et incertitudes psychiatriques. <i>Annales Medico-Psychologiques</i> , 2019, 177, 273-278.	0.2	0
1565	Dissociating top-down and bottom-up temporal attention in Down syndrome: A neuroconstructive perspective. <i>Cognitive Development</i> , 2019, 49, 81-93.	0.7	15
1566	Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , 2019, 77, 169-177.	1.5	47
1567	Differences in the functional connectivity density of the brain between individuals with growth hormone deficiency and idiopathic short stature. <i>Psychoneuroendocrinology</i> , 2019, 103, 67-75.	1.3	18
1568	Harnessing networks and machine learning in neuropsychiatric care. <i>Current Opinion in Neurobiology</i> , 2019, 55, 32-39.	2.0	12
1569	Increased posterior default mode network activity and structural connectivity in young adult APOE- ϵ 4 carriers: a multimodal imaging investigation. <i>Neurobiology of Aging</i> , 2019, 73, 82-91.	1.5	32
1570	Directed functional connections underlying spontaneous brain activity. <i>Human Brain Mapping</i> , 2019, 40, 879-888.	1.9	44
1571	Mapping Structure-Function Relationships in the Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 510-521.	1.1	11
1572	The corticotopic organization of the human basal forebrain as revealed by regionally selective functional connectivity profiles. <i>Human Brain Mapping</i> , 2019, 40, 868-878.	1.9	47
1573	Cortical covariance networks in ageing: Cross-sectional data from the Irish Longitudinal Study on Ageing (TILDA). <i>Neuropsychologia</i> , 2019, 122, 51-61.	0.7	10
1574	Connectomics of bipolar disorder: a critical review, and evidence for dynamic instabilities within interoceptive networks. <i>Molecular Psychiatry</i> , 2019, 24, 1296-1318.	4.1	91
1575	Network analysis reveals disrupted functional brain circuitry in drug-naive social anxiety disorder. <i>NeuroImage</i> , 2019, 190, 213-223.	2.1	78

#	ARTICLE	IF	CITATIONS
1576	Altered effective connectivity anchored in the posterior cingulate cortex and the medial prefrontal cortex in cognitively intact elderly APOE ϵ 4 carriers: a preliminary study. <i>Brain Imaging and Behavior</i> , 2019, 13, 270-282.	1.1	14
1577	Toward Leveraging Human Connectomic Data in Large Consortia: Generalizability of fMRI-Based Brain Graphs Across Sites, Sessions, and Paradigms. <i>Cerebral Cortex</i> , 2019, 29, 1263-1279.	1.6	55
1578	Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. <i>Schizophrenia Bulletin</i> , 2019, 45, 415-424.	2.3	32
1579	Amygdala-prefrontal connectivity during appraisal of symptom-related stimuli in obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2019, 49, 278-286.	2.7	21
1580	Altered voxel-wise gray matter structural brain networks in schizophrenia: Association with brain genetic expression pattern. <i>Brain Imaging and Behavior</i> , 2019, 13, 493-502.	1.1	49
1581	Changed hub and functional connectivity patterns of the posterior fusiform gyrus in chess experts. <i>Brain Imaging and Behavior</i> , 2020, 14, 797-805.	1.1	14
1582	Increased amygdala-visual cortex connectivity in youth with persecutory ideation. <i>Psychological Medicine</i> , 2020, 50, 273-283.	2.7	12
1583	Abnormal intrinsic functional hubs and connectivity in stable patients with COPD: a resting-state MRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 573-585.	1.1	18
1584	Intrinsic connectivity identifies the sensory-motor network as a main cross-network between remitted late-life depression- and amnesic mild cognitive impairment-targeted networks. <i>Brain Imaging and Behavior</i> , 2020, 14, 1130-1142.	1.1	13
1586	On the Parcellation of Functional Magnetic Resonance Images. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 325-332.	0.5	0
1587	Changes in functional and structural brain connectome along the Alzheimer's disease continuum. <i>Molecular Psychiatry</i> , 2020, 25, 230-239.	4.1	78
1588	Differential Resting State Connectivity Responses to Glycemic State in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1-13.	1.8	95
1589	Stability of dynamic functional architecture differs between brain networks and states. <i>NeuroImage</i> , 2020, 216, 116230.	2.1	39
1590	The role of demographic similarity in people's decision to interact with online anthropomorphic recommendation agents: Evidence from a functional magnetic resonance imaging (fMRI) study. <i>International Journal of Human Computer Studies</i> , 2020, 133, 56-70.	3.7	20
1591	Quantitation of in vivo brain glutathione conformers in cingulate cortex among age-matched control, MCI, and AD patients using MEGA-PRESS. <i>Human Brain Mapping</i> , 2020, 41, 194-217.	1.9	45
1592	Variation of functional brain connectivity in epileptic seizures: an EEG analysis with cross-frequency phase synchronization. <i>Cognitive Neurodynamics</i> , 2020, 14, 35-49.	2.3	33
1593	Sensory-to-Cognitive Systems Integration Is Associated With Clinical Severity in Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 422-433.	0.3	33
1594	Detecting and testing altered brain connectivity networks with k-partite network topology. <i>Computational Statistics and Data Analysis</i> , 2020, 141, 109-122.	0.7	11

#	ARTICLE	IF	CITATIONS
1595	Longitudinal degradation of the default/salience network axis in symptomatic individuals with elevated amyloid burden.. <i>NeuroImage: Clinical</i> , 2020, 26, 102052.	1.4	18
1596	Functional connectivity among brain regions affected in Alzheimer's disease is associated with CSF TNF- α in APOE4 carriers. <i>Neurobiology of Aging</i> , 2020, 86, 112-122.	1.5	22
1597	Circuits, Networks, and Neuropsychiatric Disease: Transitioning From Anatomy to Imaging. <i>Biological Psychiatry</i> , 2020, 87, 318-327.	0.7	51
1598	Defining Individual-Specific Functional Neuroanatomy for Precision Psychiatry. <i>Biological Psychiatry</i> , 2020, 88, 28-39.	0.7	109
1599	Increased Functional Connectivity Within Intrinsic Neural Networks in Chronic Stroke Following Treatment with Red/Near-Infrared Transcranial Photobiomodulation: Case Series with Improved Naming in Aphasia. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 115-131.	0.7	44
1600	The effect of amyloid deposition on longitudinal resting-state functional connectivity in cognitively normal older adults. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 7.	3.0	14
1601	Characterizing impulsivity and resting-state functional connectivity in normal-weight binge eaters. <i>International Journal of Eating Disorders</i> , 2020, 53, 478-488.	2.1	16
1602	A future for PET imaging in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 231-234.	3.3	11
1603	Industriousness Moderates the Link Between Default Mode Network Subsystem and Creativity. <i>Neuroscience</i> , 2020, 427, 92-104.	1.1	7
1604	Beyond the Epileptic Focus: Functional Epileptic Networks in Focal Epilepsy. <i>Cerebral Cortex</i> , 2020, 30, 2338-2357.	1.6	14
1605	Complexity changes in preclinical Alzheimer's disease: An MEG study of subjective cognitive decline and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2020, 131, 437-445.	0.7	21
1606	Intrinsic functional connectivity, CSF biomarker profiles and their relation to cognitive function in mild cognitive impairment. <i>Acta Neuropsychiatrica</i> , 2020, 32, 206-213.	1.0	5
1607	The heterogeneous functional architecture of the posteromedial cortex is associated with selective functional connectivity differences in Alzheimer's disease. <i>Human Brain Mapping</i> , 2020, 41, 1557-1572.	1.9	10
1608	The effect of white matter signal abnormalities on default mode network connectivity in mild cognitive impairment. <i>Human Brain Mapping</i> , 2020, 41, 1237-1248.	1.9	20
1609	Distance disintegration delineates the brain connectivity failure of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 88, 51-60.	1.5	10
1610	Coupled Temporal Fluctuation and Global Signal Synchronization of Spontaneous Brain Activity in Hypnosis for Respiration Control: An fMRI Study. <i>Neuroscience</i> , 2020, 429, 56-67.	1.1	5
1611	Spatial-Temporal Dependency Modeling and Network Hub Detection for Functional MRI Analysis via Convolutional-Recurrent Network. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2241-2252.	2.5	74
1612	Effects of the 5-HT2A and DRD3 genotypes on cortical morphology and functional connectivity density in drug-naïve first episode schizophrenia. <i>Schizophrenia Research</i> , 2020, 216, 213-221.	1.1	3

#	ARTICLE	IF	CITATIONS
1613	Spatially Distributed Amyloid- β^2 Reduces Glucose Metabolism in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 543-557.	1.2	22
1614	Altered resting-state voxel-level whole-brain functional connectivity in multiple system atrophy patients with cognitive impairment. <i>Clinical Neurophysiology</i> , 2020, 131, 54-62.	0.7	35
1615	Abnormal default-mode network homogeneity and its correlations with neurocognitive deficits in drug-naïve first-episode adolescent-onset schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 140-147.	1.1	17
1616	Large-Scale Granger Causal Brain Network based on Resting-State fMRI data. <i>Neuroscience</i> , 2020, 425, 169-180.	1.1	27
1617	White matter fiber density abnormalities in cognitively normal adults at risk for late-onset Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2020, 122, 79-87.	1.5	15
1618	Altered Cerebellar-Cerebral Circuits in Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Neuroscience</i> , 2020, 14, 571210.	1.4	10
1619	Resting-state functional connectivity and amyloid burden influence longitudinal cortical thinning in the default mode network in preclinical Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102407.	1.4	23
1620	Altered Functional Hubs and Connectivity in Type 2 Diabetes Mellitus Without Mild Cognitive Impairment. <i>Frontiers in Neurology</i> , 2020, 11, 1016.	1.1	20
1621	Temporal flow of hubs and connectivity in the human brain. <i>NeuroImage</i> , 2020, 223, 117348.	2.1	13
1622	Effects of the SNAP25 on Integration Ability of Brain Functions in Children With ADHD. <i>Journal of Attention Disorders</i> , 2022, 26, 88-100.	1.5	5
1623	Functional connectome fingerprint of sleep quality in insomnia patients: Individualized out-of-sample prediction using machine learning. <i>NeuroImage: Clinical</i> , 2020, 28, 102439.	1.4	7
1624	Functional Alterations in the Posterior Insula and Cerebellum in Migraine Without Aura: A Resting-State MRI Study. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 567588.	1.0	31
1625	Identifying the brain's connector hubs at the voxel level using functional connectivity overlap ratio. <i>NeuroImage</i> , 2020, 222, 117241.	2.1	19
1626	Dynamic Neural Network Changes Revealed by Voxel-Based Functional Connectivity Strength in Left Basal Ganglia Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2020, 14, 526645.	1.4	5
1627	Relationship between β^2 -amyloid and structural network topology in decedents without dementia. <i>Neurology</i> , 2020, 95, e532-e544.	1.5	17
1628	Outcome prediction with resting-state functional connectivity after cardiac arrest. <i>Scientific Reports</i> , 2020, 10, 11695.	1.6	18
1629	A common variant of the NOTCH4 gene modulates functional connectivity of the occipital cortex and its relationship with schizotypal traits. <i>BMC Psychiatry</i> , 2020, 20, 363.	1.1	2
1630	Primarily Disrupted Default Subsystems Cause Impairments in Inter-system Interactions and a Higher Regulatory Burden in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 593648.	1.7	4

#	ARTICLE	IF	CITATIONS
1631	Effects of Cognitive Training in Mild Cognitive Impairment measured by Resting State Functional Imaging. Behavioral Sciences (Basel, Switzerland), 2020, 10, 175.	1.0	7
1632	Distinct Changes in Global Brain Synchronization in Early-Onset vs. Late-Onset Parkinson Disease. Frontiers in Aging Neuroscience, 2020, 12, 604995.	1.7	12
1633	Alterations in Degree Centrality and Functional Connectivity in Parkinson's Disease Patients With Freezing of Gait: A Resting-State Functional Magnetic Resonance Imaging Study. Frontiers in Neuroscience, 2020, 14, 582079.	1.4	37
1634	Increased Dopamine Type 2 Gene Expression in the Dorsal Striatum in Individuals With Autism Spectrum Disorder Suggests Alterations in Indirect Pathway Signaling and Circuitry. Frontiers in Cellular Neuroscience, 2020, 14, 577858.	1.8	22
1635	Clinical and radiological profile of posterior cortical atrophy and comparison with a group of typical Alzheimer disease and amnesic mild cognitive impairment. Acta Neurologica Belgica, 2020, 121, 1009-1018.	0.5	6
1636	Evaluation of spontaneous regional brain activity in weight-recovered anorexia nervosa. Translational Psychiatry, 2020, 10, 395.	2.4	12
1637	Single Nucleotide Polymorphisms in Alzheimer's Disease Risk Genes Are Associated with Intrinsic Connectivity in Middle Age. Journal of Alzheimer's Disease, 2020, 78, 309-320.	1.2	3
1638	Metabolic syndrome components moderate the association between executive function and functional connectivity in the default mode network. Brain Imaging and Behavior, 2020, 15, 2139-2148.	1.1	9
1639	Abnormal degree centrality in lifelong premature ejaculation patients: an fMRI study. Brain Imaging and Behavior, 2021, 15, 1412-1419.	1.1	12
1640	Disconnection of the right superior parietal lobule from the precuneus is associated with memory impairment in oldest-old Alzheimer's disease patients. Heliyon, 2020, 6, e04516.	1.4	13
1641	Dysfunction of the Blood-Brain Barrier: A Key Step in Neurodegeneration and Dementia. Frontiers in Aging Neuroscience, 2020, 12, 185.	1.7	45
1642	Discrete Patterns of Cross-Hemispheric Functional Connectivity Underlie Impairments of Spatial Cognition after Stroke. Journal of Neuroscience, 2020, 40, 6638-6648.	1.7	21
1643	Alterations of Spontaneous Brain Activity in Hemodialysis Patients. Frontiers in Human Neuroscience, 2020, 14, 278.	1.0	10
1644	Characterizing the human APOE epsilon 4 knock-in transgene in female and male rats with multimodal magnetic resonance imaging. Brain Research, 2020, 1747, 147030.	1.1	11
1645	Heightened degree connectivity of the striatum in obsessive-compulsive disorder induced by symptom provocation. Journal of Affective Disorders, 2020, 276, 1069-1076.	2.0	2
1646	Abnormal Functional Asymmetry in the Salience and Auditory Networks in First-episode, Drug-naive Somatization Disorder. Neuroscience, 2020, 444, 1-8.	1.1	6
1647	Risk for Alzheimer's disease: A review of long-term episodic memory encoding and retrieval fMRI studies. Ageing Research Reviews, 2020, 62, 101133.	5.0	26
1648	BrainNET: Inference of Brain Network Topology Using Machine Learning. Brain Connectivity, 2020, 10, 422-435.	0.8	5

#	ARTICLE	IF	CITATIONS
1649	Intrinsic non-hub connectivity predicts human inter-temporal decision-making. <i>Brain Imaging and Behavior</i> , 2021, 15, 2005-2016.	1.1	9
1650	Different patterns of functional network reorganization across the variants of primary progressive aphasia: a graph-theoretic analysis. <i>Neurobiology of Aging</i> , 2020, 96, 184-196.	1.5	22
1651	Dynamic Reconfiguration of Functional Topology in Human Brain Networks: From Resting to Task States. <i>Neural Plasticity</i> , 2020, 2020, 1-13.	1.0	3
1652	Entropy and the Brain: An Overview. <i>Entropy</i> , 2020, 22, 917.	1.1	66
1653	Endocytosis-pathway polygenic scores affects the hippocampal network connectivity and individualized identification across the high-risk of Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2020, 15, 1155-1169.	1.1	3
1654	Intrinsic Functional and Structural Brain Connectivity in Humans Predicts Individual Social Comparison Orientation. <i>Frontiers in Psychiatry</i> , 2020, 11, 809.	1.3	2
1655	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
1656	Dynamic Temporospacial Patterns of Functional Connectivity and Alterations in Idiopathic Generalized Epilepsy. <i>International Journal of Neural Systems</i> , 2020, 30, 2050065.	3.2	9
1657	Local and whole-network topologies reveal that pulvinar and semantic hub interactions correlate with picture vocabulary. <i>NeuroReport</i> , 2020, Publish Ahead of Print, 590-596.	0.6	2
1658	A Novel Metabolic Connectome Method to Predict Progression to Mild Cognitive Impairment. <i>Behavioural Neurology</i> , 2020, 2020, 1-9.	1.1	7
1659	Modeling sparse longitudinal data on Riemannian manifolds. <i>Biometrics</i> , 2021, 77, 1328-1341.	0.8	9
1660	Abnormal Regional Spontaneous Brain Activity and Its Indirect Effect on Spasm Ratings in Patients With Hemifacial Spasm. <i>Frontiers in Neuroscience</i> , 2020, 14, 601088.	1.4	4
1661	An imbalance between functional segregation and integration in patients with pontine stroke: A dynamic functional network connectivity study. <i>NeuroImage: Clinical</i> , 2020, 28, 102507.	1.4	24
1662	Revisiting correlation-based functional connectivity and its relationship with structural connectivity. <i>Network Neuroscience</i> , 2020, 4, 1235-1251.	1.4	53
1663	Aging Impacts the Overall Connectivity Strength of Regions Critical for Information Transfer Among Brain Networks. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 592469.	1.7	16
1664	Neural responses reveal associations between personal values and value-based decisions. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 1217-1227.	1.5	6
1665	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
1666	Glucose Fluctuations Are Linked to Disrupted Brain Functional Architecture and Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 603-613.	1.2	26

#	ARTICLE	IF	CITATIONS
1667	Reply: The influence of sample size and arbitrary statistical thresholds in lesion-network mapping. <i>Brain</i> , 2020, 143, e41-e41.	3.7	21
1668	Constructing EEG Large-Scale Cortical Functional Network Connectivity Based on Brain Atlas by <i>i>S</i> Estimator. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021, 13, 769-778.	2.6	5
1669	Gaussian Graphical Models Reveal Inter-Modal and Inter-Regional Conditional Dependencies of Brain Alterations in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 99.	1.7	31
1670	Gray Matter Covariance Networks as Classifiers and Predictors of Cognitive Function in Alzheimer's Disease. <i>Frontiers in Psychiatry</i> , 2020, 11, 360.	1.3	1
1671	Abnormal dynamic functional connectivity in Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 962-971.	1.9	63
1672	Neural Correlates of Body Integrity Dysphoria. <i>Current Biology</i> , 2020, 30, 2191-2195.e3.	1.8	31
1673	Altered resting-state functional connectivity density in patients with neuromyelitis optica-spectrum disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 43, 102187.	0.9	8
1674	Frontal-executive and corticolimbic structural brain circuitry in older people with remitted depression, mild cognitive impairment, Alzheimer's dementia, and normal cognition. <i>Neuropsychopharmacology</i> , 2020, 45, 1567-1578.	2.8	14
1675	The ENIGMA Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	1.9	47
1676	Diminished self-monitoring in hallucinations – Aberrant anterior insula connectivity differentiates auditory hallucinations in schizophrenia from subjective tinnitus. <i>Asian Journal of Psychiatry</i> , 2020, 52, 102056.	0.9	6
1677	Discriminative Analysis of Symptom Severity and Ultra-High Risk of Schizophrenia Using Intrinsic Functional Connectivity. <i>International Journal of Neural Systems</i> , 2020, 30, 2050047.	3.2	8
1678	The Prospective Sense of Agency is Rooted in Local and Global Properties of Intrinsic Functional Brain Networks. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1764-1779.	1.1	9
1679	Functional Alterations Associated with Structural Abnormalities in Adults with High-Functioning Autism Spectrum Disorder. <i>Brain Connectivity</i> , 2020, 10, 368-376.	0.8	12
1680	Transdiagnostic and disease-specific abnormalities in the default-mode network hubs in psychiatric disorders: A meta-analysis of resting-state functional imaging studies. <i>European Psychiatry</i> , 2020, 63, e57.	0.1	51
1681	The Neurobiology of Social Distance. <i>Trends in Cognitive Sciences</i> , 2020, 24, 717-733.	4.0	156
1682	Spatial patterns of intrinsic brain activity and functional connectivity in facial synkinesis patients. <i>British Journal of Neurosurgery</i> , 2021, 35, 730-735.	0.4	6
1683	Intermittent Theta-Burst Stimulation Over the Suprahyoid Muscles Motor Cortex Facilitates Increased Degree Centrality in Healthy Subjects. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 200.	1.0	6
1684	Brain connectome networks and analysis. , 2020, , 167-182.		0

#	ARTICLE	IF	CITATIONS
1685	Structural and Functional Reorganization Within Cognitive Control Network Associated With Protection of Executive Function in Patients With Unilateral Frontal Gliomas. <i>Frontiers in Oncology</i> , 2020, 10, 794.	1.3	25
1686	Brain Functional Differences in Drug-Naive Major Depression with Anxiety Patients of Different Traditional Chinese Medicine Syndrome Patterns: A Resting-State fMRI Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	2
1687	Memory Function and Brain Functional Connectivity Adaptations Following Multiple-Modality Exercise and Mindâ€“Motor Training in Older Adults at Risk of Dementia: An Exploratory Sub-Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 22.	1.7	15
1688	APOE-Î¼4 Shapes the Cerebral Organization in Cognitively Intact Individuals as Reflected by Structural Gray Matter Networks. <i>Cerebral Cortex</i> , 2020, 30, 4110-4120.	1.6	7
1689	Constructing large-scale cortical brain networks from scalp EEG with Bayesian nonnegative matrix factorization. <i>Neural Networks</i> , 2020, 125, 338-348.	3.3	12
1690	Network Centrality Reveals Dissociable Brain Activity during Response Inhibition in Human Right Ventral Part of Inferior Frontal Cortex. <i>Neuroscience</i> , 2020, 433, 163-173.	1.1	16
1691	Neuronal Degeneration Impairs Rhythms Between Connected Microcircuits. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 18.	1.2	14
1692	Association of Sleep-Disordered Breathing With Alzheimer Disease Biomarkers in Community-Dwelling Older Adults. <i>JAMA Neurology</i> , 2020, 77, 716.	4.5	71
1693	<p>Altered Brain Function in Young HIV Patients with Syphilis Infection: A Voxel-Wise Degree Centrality Analysis</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 823-833.	1.1	5
1694	Longitudinal Changes in Whole-Brain Functional Connectivity Strength Patterns and the Relationship With the Global Cognitive Decline in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 71.	1.7	16
1695	Functional reorganization of brain networks across the human menstrual cycle. <i>NeuroImage</i> , 2020, 220, 117091.	2.1	102
1696	Compensatory Brain Connection Discovery in Alzheimer's Disease. , 2020, 2020, 283-287.		7
1697	Brain areas with normatively greater cerebral perfusion in early life may be more susceptible to beta amyloid deposition in late life. <i>Cerebral Circulation - Cognition and Behavior</i> , 2020, 1, 100001.	0.4	1
1698	Hubs of longâ€“distance coâ€“alteration characterize brain pathology. <i>Human Brain Mapping</i> , 2020, 41, 3878-3899.	1.9	14
1699	Functional Networks in Epilepsy Presurgical Evaluation. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 395-405.	0.8	15
1700	Network segregation varies with neural distinctiveness in sensorimotor cortex. <i>NeuroImage</i> , 2020, 212, 116663.	2.1	28
1701	Differences in network centrality between high and low myopia: a voxel-level degree centrality study. <i>Acta Radiologica</i> , 2020, 61, 1388-1397.	0.5	2
1702	APOE4 moderates effects of cortical iron on synchronized default mode network activity in cognitively healthy oldâ€“aged adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12002.	1.2	23

#	ARTICLE	IF	CITATIONS
1703	Opposing Changes in the Functional Architecture of Large-Scale Networks in Bipolar Mania and Depression. <i>Schizophrenia Bulletin</i> , 2020, 46, 971-980.	2.3	36
1704	Enhanced positive functional connectivity strength in left-sided chronic subcortical stroke. <i>Brain Research</i> , 2020, 1733, 146727.	1.1	6
1705	Improved and residual functional abnormalities in major depressive disorder after electroconvulsive therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109888.	2.5	30
1706	Frontal cortex chitinase and pentraxin neuroinflammatory alterations during the progression of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 58.	3.1	28
1707	Deficits in Spontaneous Cognition as an Early Marker of Alzheimer's Disease. <i>Trends in Cognitive Sciences</i> , 2020, 24, 285-301.	4.0	49
1708	Abnormal Anatomical Rich-Club Organization and Structural-Functional Coupling in Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 53.	1.1	51
1709	Animal Functional Magnetic Resonance Imaging: Trends and Path Toward Standardization. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 78.	1.3	78
1710	Network degeneration in Parkinson's disease: multimodal imaging of nigro-striato-cortical dysfunction. <i>Brain</i> , 2020, 143, 944-959.	3.7	74
1711	Functional Characterization of Atrophy Patterns Related to Cognitive Impairment. <i>Frontiers in Neurology</i> , 2020, 11, 18.	1.1	12
1712	Abnormal degree centrality in delayed encephalopathy after carbon monoxide poisoning: a resting-state fMRI study. <i>Neuroradiology</i> , 2020, 62, 609-616.	1.1	18
1713	A temporal chronnectomic framework: Cigarette smoking preserved the prefrontal dysfunction in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109860.	2.5	2
1714	Ambivert degree identifies crucial brain functional hubs and improves detection of Alzheimer's Disease and Autism Spectrum Disorder. <i>NeuroImage: Clinical</i> , 2020, 25, 102186.	1.4	13
1715	Expanding the role of education in frontotemporal dementia: a functional dynamic connectivity (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	11
1716	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
1717	Cerebral regional and network characteristics in asthma patients: a resting-state fMRI study. <i>Frontiers of Medicine</i> , 2020, 14, 792-801.	1.5	12
1718	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
1719	Dynamic coupling of whole-brain neuronal and neurotransmitter systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9566-9576.	3.3	173
1720	Abnormal Functional Connectivity Density in New-Onset Type 1 Diabetes Mellitus Children: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 284.	1.3	3

#	ARTICLE	IF	CITATIONS
1721	Designing weighted correlation kernels in convolutional neural networks for functional connectivity based brain disease diagnosis. <i>Medical Image Analysis</i> , 2020, 63, 101709.	7.0	39
1722	Modeling regional changes in dynamic stability during sleep and wakefulness. <i>NeuroImage</i> , 2020, 215, 116833.	2.1	48
1723	Whole-brain structural covariance network abnormality in first-episode and drug-naïve major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2020, 300, 111083.	0.9	18
1724	High-Frequency rTMS of the Motor Cortex Modulates Cerebellar and Widespread Activity as Revealed by SVM. <i>Frontiers in Neuroscience</i> , 2020, 14, 186.	1.4	19
1725	Fully Integrated PET/MR Imaging for the Assessment of the Relationship Between Functional Connectivity and Glucose Metabolic Rate. <i>Frontiers in Neuroscience</i> , 2020, 14, 252.	1.4	10
1726	Tau and Amyloid Relationships with Resting-state Functional Connectivity in Atypical Alzheimer's Disease. <i>Cerebral Cortex</i> , 2021, 31, 1693-1706.	1.6	44
1727	Functional connectivity within glioblastoma impacts overall survival. <i>Neuro-Oncology</i> , 2021, 23, 412-421.	0.6	36
1728	Aberrant brain functional hubs and causal connectivity in presbycusis. <i>Brain Imaging and Behavior</i> , 2021, 15, 453-463.	1.1	6
1729	Cortical morphometry and neural dysfunction in Huntington's disease: a review. <i>European Journal of Neurology</i> , 2021, 28, 1406-1419.	1.7	6
1730	Cerebrospinal fluid A β 242 moderates the relationship between brain functional network dynamics and cognitive intraindividual variability. <i>Neurobiology of Aging</i> , 2021, 98, 116-123.	1.5	7
1731	Altered neural activity in the reward-related circuit and executive control network associated with amelioration of anhedonia in major depressive disorder by electroconvulsive therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110193.	2.5	21
1732	Atlas55+: Brain Functional Atlas of Resting-State Networks for Late Adulthood. <i>Cerebral Cortex</i> , 2021, 31, 1719-1731.	1.6	21
1733	High-dimensional brain-wide functional connectivity mapping in magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108991.	1.3	4
1734	The chronic effect of cortisol on orchestrating cerebral blood flow and brain functional connectivity: evidence from Cushing's disease. <i>Metabolism: Clinical and Experimental</i> , 2021, 115, 154432.	1.5	11
1735	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
1736	Deficit of Cross-Frequency Integration in Mild Cognitive Impairment and Alzheimer's Disease: A Multilayer Network Approach. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1387-1398.	1.9	8
1737	Simultaneous auditory agnosia: Systematic description of a new type of auditory segregation deficit following a right hemisphere lesion. <i>Cortex</i> , 2021, 135, 92-107.	1.1	1
1738	Creative Connections: Computational Semantic Distance Captures Individual Creativity and Resting-State Functional Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 499-509.	1.1	16

#	ARTICLE	IF	CITATIONS
1739	Aberrant voxel-based degree centrality in Parkinson's disease patients with mild cognitive impairment. <i>Neuroscience Letters</i> , 2021, 741, 135507.	1.0	14
1740	Abnormal Regional and Global Connectivity Measures in Subjective Cognitive Decline Depending on Cerebral Amyloid Status. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 493-509.	1.2	14
1741	Brain parcellation driven by dynamic functional connectivity better capture intrinsic network dynamics. <i>Human Brain Mapping</i> , 2021, 42, 1416-1433.	1.9	17
1742	Spatiotemporal functional interactivity among large-scale brain networks. <i>NeuroImage</i> , 2021, 227, 117628.	2.1	4
1743	The pathoconnectivity network analysis of the insular cortex: A morphometric fingerprinting. <i>NeuroImage</i> , 2021, 225, 117481.	2.1	10
1744	Nonhuman primate meso-circuitry data: a translational tool to understand brain networks across species. <i>Brain Structure and Function</i> , 2021, 226, 1-11.	1.2	11
1745	Event Representations and Predictive Processing: The Role of the Midline Default Network Core. <i>Topics in Cognitive Science</i> , 2021, 13, 164-186.	1.1	70
1746	Brain Morphological and Functional Networks: Implications for Neurodegeneration. <i>Understanding Complex Systems</i> , 2021, , 329-342.	0.3	2
1747	Aberrant intrinsic connectivity in women victims of sexual assault. <i>Brain Imaging and Behavior</i> , 2021, 15, 2356-2366.	1.1	8
1748	Recurrent and concurrent patterns of regional BOLD dynamics and functional connectivity dynamics in cognitive decline. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 28.	3.0	15
1749	Crosstalk between Depression and Dementia with Resting-State fMRI Studies and Its Relationship with Cognitive Functioning. <i>Biomedicines</i> , 2021, 9, 82.	1.4	23
1750	Indication of retrograde tau spreading along Braak stages and functional connectivity pathways. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2272-2282.	3.3	12
1751	Financial decision-making and capacity in older adults. , 2021, , 193-214.		0
1752	Networks-Mediated Spreading of Pathology in Neurodegenerative Diseases. , 2021, , 171-186.		1
1753	Apolipoprotein E allele 4 effects on Single-Subject Gray Matter Networks in Mild Cognitive Impairment. <i>NeuroImage: Clinical</i> , 2021, 32, 102799.	1.4	2
1754	Early Segmental White Matter Fascicle Microstructural Damage Predicts the Corresponding Cognitive Domain Impairment in Cerebral Small Vessel Disease Patients by Automated Fiber Quantification. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 598242.	1.7	19
1755	Dynamic community detection reveals transient reorganization of functional brain networks across a female menstrual cycle. <i>Network Neuroscience</i> , 2021, 5, 125-144.	1.4	31
1757	Investigating the network consequences of focal brain lesions through comparisons of real and simulated lesions. <i>Scientific Reports</i> , 2021, 11, 2213.	1.6	6

#	ARTICLE	IF	CITATIONS
1758	Schizophrenia and Alzheimer's disease. , 2021, , 221-244.		0
1759	Inferring the heritability of large-scale functional networks with a multivariate ACE modeling approach. <i>Network Neuroscience</i> , 2021, 5, 527-548.	1.4	0
1760	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
1761	Functional network alterations differently associated with suicidal ideas and acts in depressed patients: an indirect support to the transition model. <i>Translational Psychiatry</i> , 2021, 11, 100.	2.4	30
1763	Cortical thinning and associated connectivity changes in patients with anorexia nervosa. <i>Translational Psychiatry</i> , 2021, 11, 95.	2.4	11
1764	Co-activation patterns across multiple tasks reveal robust anti-correlated functional networks. <i>NeuroImage</i> , 2021, 227, 117680.	2.1	25
1765	Altered brain intrinsic functional hubs and connectivity associated with relapse risk in heroin dependents undergoing methadone maintenance treatment: A resting-state fMRI study. <i>Drug and Alcohol Dependence</i> , 2021, 219, 108503.	1.6	8
1767	Critical Neural Networks Minimize Metabolic Cost. <i>Physics</i> , 2021, 3, 42-58.	0.5	2
1768	Effects of Smoking Status and State on Intrinsic Connectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 895-904.	1.1	6
1769	Resting cerebral oxygen metabolism exhibits archetypal network features. <i>Human Brain Mapping</i> , 2021, 42, 1952-1968.	1.9	2
1770	The Relationship Among Glucose Metabolism, Cerebral Blood Flow, and Functional Activity: a Hybrid PET/fMRI Study. <i>Molecular Neurobiology</i> , 2021, 58, 2862-2873.	1.9	17
1771	Echo Time Dependency of Local Activity Metrics of Resting-State Functional MRI. <i>Frontiers in Neuroscience</i> , 2021, 15, 619412.	1.4	2
1772	Structural and functional brain-wide alterations in A350V Iqsec2 mutant mice displaying autistic-like behavior. <i>Translational Psychiatry</i> , 2021, 11, 181.	2.4	5
1773	Abnormal intrinsic functional network hubs in diabetic retinopathy patients. <i>NeuroReport</i> , 2021, 32, 498-506.	0.6	4
1774	Changes in Degree Centrality of Network Nodes in Different Frequency Bands in Parkinson's Disease With Depression and Without Depression. <i>Frontiers in Neuroscience</i> , 2021, 15, 638554.	1.4	16
1775	Recent Advances in Imaging of Preclinical, Sporadic, and Autosomal Dominant Alzheimer's Disease. <i>Neurotherapeutics</i> , 2021, 18, 709-727.	2.1	9
1776	The Instant and Sustained Effect of Electroacupuncture in Postgraduate Students with Depression: An fMRI Study. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 873-883.	1.0	4
1777	Spontaneous brain activity underlying auditory hallucinations in the hearing-impaired. <i>Cortex</i> , 2021, 136, 1-13.	1.1	8

#	ARTICLE	IF	CITATIONS
1778	Brain Entropy During Aging Through a Free Energy Principle Approach. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 647513.	1.0	26
1779	Brain pathology recapitulates physiology: A network meta-analysis. <i>Communications Biology</i> , 2021, 4, 301.	2.0	19
1780	Investigating the Spatial Associations Between Amyloid- β^2 Deposition, Grey Matter Volume, and Neuroinflammation in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 113-132.	1.2	12
1782	Resting-State Network Plasticity Induced by Music Therapy after Traumatic Brain Injury. <i>Neural Plasticity</i> , 2021, 2021, 1-18.	1.0	17
1783	New insights into atypical Alzheimer's disease in the era of biomarkers. <i>Lancet Neurology</i> , The, 2021, 20, 222-234.	4.9	214
1784	Cortical Regions Activated by Spectrally Degraded Speech in Adults With Single Sided Deafness or Bilateral Normal Hearing. <i>Frontiers in Neuroscience</i> , 2021, 15, 618326.	1.4	1
1785	Development of Individual Variability in Brain Functional Connectivity and Capability across the Adult Lifespan. <i>Cerebral Cortex</i> , 2021, 31, 3925-3938.	1.6	11
1786	Aberrant brain voxel-wise resting state fMRI in patients with thyroid-associated ophthalmopathy. <i>Journal of Neuroimaging</i> , 2021, 31, 773-783.	1.0	17
1787	Resting-State Functional Connectivity Disruption as a Pathological Biomarker in Autosomal Dominant Alzheimer Disease. <i>Brain Connectivity</i> , 2021, 11, 239-249.	0.8	18
1788	Neurovascular coupling dysfunction in end-stage renal disease patients related to cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2593-2606.	2.4	22
1789	Distinct impaired patterns of intrinsic functional network centrality in patients with early- and late-onset Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2021, 15, 2661-2670.	1.1	6
1790	Extraction and Analysis of Dynamic Functional Connectome Patterns in Migraine Sufferers: A Resting-State fMRI Study. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-14.	0.7	4
1791	Agency, Ownership and the Potential Space. <i>Brain Sciences</i> , 2021, 11, 460.	1.1	1
1792	Increased sensitivity to strong perturbations in a whole-brain model of LSD. <i>NeuroImage</i> , 2021, 230, 117809.	2.1	20
1793	A graph neural network framework for causal inference in brain networks. <i>Scientific Reports</i> , 2021, 11, 8061.	1.6	16
1795	Changes in Temporal and Spatial Patterns of Intrinsic Brain Activity and Functional Connectivity in Upper-Limb Amputees: An fMRI Study. <i>Neural Plasticity</i> , 2021, 2021, 1-13.	1.0	4
1796	In vitro Characterization of the Regional Binding Distribution of Amyloid PET Tracer Florbetaben and the Glia Tracers Deprenyl and PK11195 in Autopsy Alzheimer's Brain Tissue. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1723-1737.	1.2	33
1797	Bridging Scales in Alzheimer's Disease: Biological Framework for Brain Simulation With The Virtual Brain. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 630172.	1.3	20

#	ARTICLE	IF	CITATIONS
1798	Finding New Communities: A Principle of Neuronal Network Reorganization in Alzheimer's Disease. <i>Brain Connectivity</i> , 2021, 11, 225-238.	0.8	6
1799	Dynamic Connectivity Alteration Facilitates Cognitive Decline in Alzheimer's Disease Spectrum. <i>Brain Connectivity</i> , 2021, 11, 213-224.	0.8	10
1800	Diagnostic power of resting-state fMRI for detection of network connectivity in Alzheimer's disease and mild cognitive impairment: A systematic review. <i>Human Brain Mapping</i> , 2021, 42, 2941-2968.	1.9	75
1801	Alzheimer disease. <i>Nature Reviews Disease Primers</i> , 2021, 7, 33.	18.1	784
1802	Vascular risk factors are associated with a decline in resting-state functional connectivity in cognitively unimpaired individuals at risk for Alzheimer's disease. <i>NeuroImage</i> , 2021, 231, 117832.	2.1	10
1803	Cortical and subcortical signatures of conscious object recognition. <i>Nature Communications</i> , 2021, 12, 2930.	5.8	27
1804	The Effects of Amyloid and Tau on Functional Network Connectivity in Older Populations. <i>Brain Connectivity</i> , 2021, 11, 599-612.	0.8	7
1805	Graph Models of Pathology Spread in Alzheimer's Disease: An Alternative to Conventional Graph Theoretic Analysis. <i>Brain Connectivity</i> , 2021, 11, 799-814.	0.8	9
1806	Optimizing differential identifiability improves connectome predictive modeling of cognitive deficits from functional connectivity in Alzheimer's disease. <i>Human Brain Mapping</i> , 2021, 42, 3500-3516.	1.9	18
1807	Distinctive Alterations of Functional Connectivity Strength between Vascular and Amnesic Mild Cognitive Impairment. <i>Neural Plasticity</i> , 2021, 2021, 1-8.	1.0	4
1808	Reorganization of auditory-visual network interactions in long-term unilateral postlingual hearing loss. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 97-102.	0.8	2
1809	Temporal Dynamics in Degree Centrality of Brain Functional Connectome in First-Episode Schizophrenia with Different Short-Term Treatment Responses: A Longitudinal Study. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 1505-1516.	1.0	12
1810	Patient-Tailored, Home-Based Non-invasive Brain Stimulation for Memory Deficits in Dementia Due to Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 598135.	1.1	17
1811	Hypersynchronized Magnetoencephalography Brain Networks in Patients with Mild Cognitive Impairment and Alzheimer's Disease in Down Syndrome. <i>Brain Connectivity</i> , 2021, 11, 725-733.	0.8	9
1812	On Beyond Constructivism. <i>Science and Education</i> , 0, , 1.	1.7	5
1813	The Effects of rs405509 on APOE ϵ 4 Non-carriers in Non-demented Aging. <i>Frontiers in Neuroscience</i> , 2021, 15, 677823.	1.4	5
1814	Integrated phylogeny of the human brain and pathobiology of Alzheimer's disease: A unifying hypothesis. <i>Neuroscience Letters</i> , 2021, 755, 135895.	1.0	3
1815	A survey of brain network analysis by electroencephalographic signals. <i>Cognitive Neurodynamics</i> , 2022, 16, 17-41.	2.3	26

#	ARTICLE	IF	CITATIONS
1816	Functional Connectivity in Parkinson's Disease Patients with Mild Cognitive Impairment. <i>International Journal of General Medicine</i> , 2021, Volume 14, 2623-2630.	0.8	3
1817	Understanding Global Brain Network Alterations in Glioma Patients. <i>Brain Connectivity</i> , 2021, 11, 865-874.	0.8	20
1819	Dementia with Lewy bodies: association of Alzheimer pathology with functional connectivity networks. <i>Brain</i> , 2021, 144, 3212-3225.	3.7	26
1820	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , 2023, 53, 771-784.	2.7	35
1821	Common neurobiological correlates of resilience and personality traits within the triple resting-state brain networks assessed by 7-Tesla ultra-high field MRI. <i>Scientific Reports</i> , 2021, 11, 11564.	1.6	8
1822	Disrupted Asymmetry of Inter- and Intra-Hemispheric Functional Connectivity at Rest in Medication-Free Obsessive-Compulsive Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 634557.	1.4	4
1823	Increased Global-Brain Functional Connectivity Is Associated with Dyslipidemia and Cognitive Impairment in First-Episode, Drug-Naive Patients with Bipolar Disorder. <i>Neural Plasticity</i> , 2021, 2021, 1-10.	1.0	4
1824	Characteristics of Intrinsic Brain Functional Connectivity Alterations in Major Depressive Disorder Patients With Suicide Behavior. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1867-1875.	1.9	18
1825	The contributions of brain structural and functional variance in predicting age, sex and treatment. <i>NeuroImage Reports</i> , 2021, 1, 100024.	0.5	0
1826	Structural and functional neuroimaging changes associated with cognitive impairment and dementia in Parkinson's disease. <i>Psychiatry Research - Neuroimaging</i> , 2021, 312, 111273.	0.9	11
1827	Management Based on Multimodal Brain Monitoring May Improve Functional Connectivity and Post-operative Neurocognition in Elderly Patients Undergoing Spinal Surgery. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 705287.	1.7	8
1828	Bidirectional role of acupuncture in the treatment of drug addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 126, 382-397.	2.9	21
1829	The human connectome in Alzheimer disease " relationship to biomarkers and genetics. <i>Nature Reviews Neurology</i> , 2021, 17, 545-563.	4.9	106
1830	Fatigue and resting-state functional brain networks in breast cancer patients treated with chemotherapy. <i>Breast Cancer Research and Treatment</i> , 2021, 189, 787-796.	1.1	8
1831	Neural Kinesthetic Contribution to Motor Imagery of Body Parts: Tongue, Hands, and Feet. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 602723.	1.0	6
1832	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
1833	Posterior Precuneus is Highly Connected to Medial Temporal Lobe Revealed by Tractography and White Matter Dissection. <i>Neuroscience</i> , 2021, 466, 173-185.	1.1	13
1835	Altered Functional Brain Network in Systemic Lupus Erythematosus Patients Without Overt Neuropsychiatric Symptoms Based on Resting-State Functional Magnetic Resonance Imaging and Multivariate Pattern Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 690979.	1.1	5

#	ARTICLE	IF	CITATIONS
1836	Understanding neural flexibility from a multifaceted definition. <i>NeuroImage</i> , 2021, 235, 118027.	2.1	13
1837	Genetic influences on hub connectivity of the human connectome. <i>Nature Communications</i> , 2021, 12, 4237.	5.8	92
1838	Network model of pathology spread recapitulates neurodegeneration and selective vulnerability in Huntington's Disease. <i>NeuroImage</i> , 2021, 235, 118008.	2.1	12
1839	Perturbations in dynamical models of whole-brain activity dissociate between the level and stability of consciousness. <i>PLoS Computational Biology</i> , 2021, 17, e1009139.	1.5	45
1840	Abnormal Degree Centrality in White Matter Hyperintensities: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 684553.	1.3	2
1841	Accessing dynamic functional connectivity using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si21.svg" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="script" \rangle} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -regularized sparse-smooth inverse covariance estimation from fMRI. <i>Neurocomputing</i> , 2021, 443, 147-161.	3.5	2
1843	Altered sense of self during seizures in the posteromedial cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
1844	GABAergic dysfunction, neural network hyperactivity and memory impairments in human aging and Alzheimer's disease. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 146-159.	2.3	77
1845	Abnormal Neural Activity in Different Frequency Bands in Parkinson's Disease With Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 709998.	1.7	9
1847	Perturbing fMRI brain dynamics using transcranial direct current stimulation. <i>NeuroImage</i> , 2021, 237, 118100.	2.1	10
1848	Brain network reorganization after targeted attack at a hub region. <i>NeuroImage</i> , 2021, 237, 118219.	2.1	26
1849	Alterations in functional network centrality in first-episode drug-naïve adolescent-onset schizophrenia. <i>Brain Imaging and Behavior</i> , 2022, 16, 316-323.	1.1	9
1850	Functional and structural connective disturbance of the primary and default network in patients with generalized tonic-clonic seizures. <i>Epilepsy Research</i> , 2021, 174, 106595.	0.8	8
1852	Prediction of Epilepsy Based on Tensor Decomposition and Functional Brain Network. <i>Brain Sciences</i> , 2021, 11, 1066.	1.1	7
1853	Connectivity Patterns in the Core Resting-State Networks and Their Influence on Cognition. <i>Brain Connectivity</i> , 2022, 12, 334-347.	0.8	1
1854	Mapping the Unconscious Brain: Insights From Advanced Neuroimaging. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 12-21.	0.9	5
1855	Professional chess expertise modulates whole brain functional connectivity pattern homogeneity and couplings. <i>Brain Imaging and Behavior</i> , 2022, 16, 587-595.	1.1	3
1856	Applying dense-sampling methods to reveal dynamic endocrine modulation of the nervous system. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 72-78.	2.0	20

#	ARTICLE	IF	CITATIONS
1857	Leveraging Neuroimaging Tools to Assess Precision and Accuracy in an Alzheimer's Disease Neuropathologic Sampling Protocol. <i>Frontiers in Neuroscience</i> , 2021, 15, 693242.	1.4	1
1858	Atypicalities in the developmental trajectory of cortico-striatal functional connectivity in autism spectrum disorder. <i>Autism</i> , 2022, 26, 1108-1122.	2.4	12
1859	Improving Functional Connectome Fingerprinting with Degree-Normalization. <i>Brain Connectivity</i> , 2021, . .	0.8	1
1860	The coupling of BOLD signal variability and degree centrality underlies cognitive functions and psychiatric diseases. <i>NeuroImage</i> , 2021, 237, 118187.	2.1	11
1861	Cost-efficiency trade-offs of the human brain network revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , 2021, 236, 118040.	2.1	7
1862	Core-Centered Connection Abnormalities Associated with Pathological Features Mediate the Progress of Cognitive Impairments in Alzheimer's Disease Spectrum Patients. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1499-1511.	1.2	3
1863	Frontoparietal and Default Mode Network Contributions to Self-Referential Processing in Social Anxiety Disorder. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 187-198.	1.0	16
1864	Neuronal excitation/inhibition imbalance: core element of a translational perspective on Alzheimer pathophysiology. <i>Ageing Research Reviews</i> , 2021, 69, 101372.	5.0	90
1865	Ginkgo Biloba Extract Is Comparable With Donepezil in Improving Functional Recovery in Alzheimer's Disease: Results From a Multilevel Characterized Study Based on Clinical Features and Resting-State Functional Magnetic Resonance Imaging. <i>Frontiers in Pharmacology</i> , 2021, 12, 721216.	1.6	7
1866	Effect of Age on Clinical Trial Outcome in Participants with Probable Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1243-1257.	1.2	4
1867	Neuroimaging Anomalies in Community-Dwelling Asymptomatic Adults With Very Early-Stage White Matter Hyperintensity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 715434.	1.7	3
1868	Dementia Risk Factors Modify Hubs but Leave Other Connectivity Measures Unchanged in Asymptomatic Individuals: A Graph Theoretical Analysis. <i>Brain Connectivity</i> , 2022, 12, 26-40.	0.8	9
1869	Connectivity alterations in autism reflect functional idiosyncrasy. <i>Communications Biology</i> , 2021, 4, 1078.	2.0	25
1870	Simultaneous PET/fMRI Detects Distinctive Alterations in Functional Connectivity and Glucose Metabolism of Precuneus Subregions in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 737002.	1.7	12
1871	Altered Coupling Between Resting-State Cerebral Blood Flow and Functional Connectivity Strength in Cervical Spondylotic Myelopathy Patients. <i>Frontiers in Neurology</i> , 2021, 12, 713520.	1.1	3
1872	A literature review of MRI techniques used to detect amyloid-beta plaques in Alzheimer's disease patients. <i>Annals of Palliative Medicine</i> , 2021, 10, 10062-10074.	0.5	5
1873	Network Controllability in Transmodal Cortex Predicts Positive Psychosis Spectrum Symptoms. <i>Biological Psychiatry</i> , 2021, 90, 409-418.	0.7	32
1874	Prefrontal connectomics: from anatomy to human imaging. <i>Neuropsychopharmacology</i> , 2022, 47, 20-40.	2.8	40

#	ARTICLE	IF	CITATIONS
1875	Brain Topological Reorganization Associated with Visual Neglect After Stroke. <i>Brain Connectivity</i> , 2021, , .	0.8	2
1876	High-resolution in vivo imaging of rhesus cerebral cortex with ultrafast portable photoacoustic microscopy. <i>NeuroImage</i> , 2021, 238, 118260.	2.1	15
1877	Altered Variability and Concordance of Dynamic Resting-State fMRI Indices in Patients With Attention Deficit Hyperactivity Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 731596.	1.4	3
1878	Altered Functional Connectivity Strength at Rest in Medication-Free Obsessive-Compulsive Disorder. <i>Neural Plasticity</i> , 2021, 2021, 1-9.	1.0	6
1879	Graph-theory based degree centrality combined with machine learning algorithms can predict response to treatment with antiepileptic medications in children with epilepsy. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 276-282.	0.8	14
1880	Fear extinction learning modulates large-scale brain connectivity. <i>NeuroImage</i> , 2021, 238, 118261.	2.1	23
1882	APOE, TOMM40, and sex interactions on neural network connectivity. <i>Neurobiology of Aging</i> , 2022, 109, 158-165.	1.5	8
1885	Effect of transcranial magnetic stimulation as an enhancer of cognitive stimulation sessions on mild cognitive impairment: Preliminary results. <i>Psychiatry Research</i> , 2021, 304, 114151.	1.7	8
1886	Joint hub identification for brain networks by multivariate graph inference. <i>Medical Image Analysis</i> , 2021, 73, 102162.	7.0	4
1887	Development of functional connectivity within and among the resting-state networks in anesthetized rhesus monkeys. <i>NeuroImage</i> , 2021, 242, 118473.	2.1	4
1888	Multiscale communication in cortico-cortical networks. <i>NeuroImage</i> , 2021, 243, 118546.	2.1	42
1889	Cognitive dysfunction and cerebral volumetric deficits in individuals with Alzheimer's disease, alcohol use disorder, and dual diagnosis. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111380.	0.9	8
1890	Associated functional network development and language abilities in children. <i>NeuroImage</i> , 2021, 242, 118452.	2.1	11
1891	Ultrafast and Ultrahigh-Resolution Diffuse Optical Tomography for Brain Imaging with Sensitivity Equation based Noniterative Sparse Optical Reconstruction (SENSOR). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 276, 107939.	1.1	7
1892	The resting-state cerebro-cerebellar function connectivity and associations with verbal working memory performance. <i>Behavioural Brain Research</i> , 2022, 417, 113586.	1.2	5
1893	Dynamics and Concordance Abnormalities Among Indices of Intrinsic Brain Activity in Individuals With Subjective Cognitive Decline: A Temporal Dynamics Resting-State Functional Magnetic Resonance Imaging Analysis. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 584863.	1.7	15
1894	Excitatoryâ€inhibitory balance within EEG microstates and resting-state fMRI networks: assessed via simultaneous trimodal PETâ€MRâ€EEG imaging. <i>Translational Psychiatry</i> , 2021, 11, 60.	2.4	21
1895	On Hippocampus Associative Modeling by Approximating Nonlinear Kullback-Leibler Sparsity Constraint. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
1896	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
1897	Irradiation-related longitudinal white matter atrophy underlies cognitive impairment in patients with nasopharyngeal carcinoma. <i>Brain Imaging and Behavior</i> , 2021, 15, 2426-2435.	1.1	8
1899	Group-wise Hub Identification by Learning Common Graph Embeddings on Grassmannian Manifold. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, PP, 1-1.	9.7	0
1900	Conceptual disorganization and redistribution of resting-state cortical hubs in untreated first-episode psychosis: A 7T study. <i>NPJ Schizophrenia</i> , 2021, 7, 4.	2.0	15
1901	Intrinsic network interactions explain individual differences in mentalizing ability in adolescents. <i>Neuropsychologia</i> , 2021, 151, 107737.	0.7	8
1902	Modulating Gamma Oscillations Promotes Brain Connectivity to Improve Cognitive Impairment. <i>Cerebral Cortex</i> , 2022, 32, 2644-2656.	1.6	47
1903	Cortical Disintegration Mechanism of Anesthetic-Induced Unconsciousness. , 2009, , 99-125.		1
1904	Matched Signal Detection on Graphs: Theory and Application to Brain Network Classification. <i>Lecture Notes in Computer Science</i> , 2013, 23, 1-12.	1.0	9
1905	An Invitation to the Study of Brain Networks, with Some Statistical Analysis of Thresholding Techniques. <i>Natural Computing Series</i> , 2014, , 85-107.	2.2	2
1906	Hierarchical Organization of Frontoparietal Control Networks Underlying Goal-Directed Behavior. , 2017, , 133-148.		11
1907	What Are the Neurological Foundations of Identities and Identity-Related Processes?. <i>Handbooks of Sociology and Social Research</i> , 2013, , 149-165.	0.1	10
1908	The Study of Graph Measurements for Hub Identification in Multiple Parcellated Brain Networks of Healthy Older Adult. <i>Journal of Medical and Biological Engineering</i> , 2017, 37, 653-665.	1.0	1
1909	The modular organization of brain cortical connectivity across the human lifespan. <i>NeuroImage</i> , 2020, 218, 116974.	2.1	52
1910	Morphology of perivascular spaces and enclosed blood vessels in young to middle-aged healthy adults at 7T: Dependences on age, brain region, and breathing gas. <i>NeuroImage</i> , 2020, 218, 116978.	2.1	28
1911	Functional network connectivity in early-stage schizophrenia. <i>Schizophrenia Research</i> , 2020, 218, 107-115.	1.1	31
1913	Adolescent brain development: Implications for the juvenile criminal justice system.. , 2016, , 91-116.		40
1914	Associations between coherent neural activity in the brain's value system during antismoking messages and reductions in smoking.. <i>Health Psychology</i> , 2018, 37, 375-384.	1.3	7
1915	Functional connectivity within lateral posterior parietal cortex in moderate to severe traumatic brain injury.. <i>Neuropsychology</i> , 2019, 33, 893-910.	1.0	9

#	ARTICLE	IF	CITATIONS
1916	Tinnitus and the Brain: A Review of Functional and Anatomical Magnetic Resonance Imaging Studies. Perspectives of the ASHA Special Interest Groups, 2019, 4, 896-909.	0.4	21
1918	Dynamic Regulation of Internal Experience. , 2020, , 89-131.		10
1948	A Neurocomputational Model of the N400 and the P600 in Language Processing. Cognitive Science, 2017, 41, 1318-1352.	0.8	192
1949	Abnormal dynamic functional connectivity and brain states in Alzheimer's diseases: functional near-infrared spectroscopy study. Neurophotonics, 2019, 6, 1.	1.7	35
1950	The intrinsic neonatal hippocampal network: rsfMRI findings. Journal of Neurophysiology, 2020, 124, 1458-1468.	0.9	5
1951	Adaptive frequency-based modeling of whole-brain oscillations: Predicting regional vulnerability and hazardousness rates. Network Neuroscience, 2019, 3, 1094-1120.	1.4	16
1952	Low-Frequency Fluctuations Amplitude Signals Exhibit Abnormalities of Intrinsic Brain Activities and Reflect Cognitive Impairment in Leukoaraiosis Patients. Medical Science Monitor, 2019, 25, 5219-5228.	0.5	23
1953	Resting-State Functional Connectivity Measurement in the Mouse Brain using a Low Cost Photoacoustic Computed Tomography. , 2016, , .		11
1954	Activity Dependent Degeneration Explains Hub Vulnerability in Alzheimer's Disease. PLoS Computational Biology, 2012, 8, e1002582.	1.5	336
1955	Multiregional integration in the brain during resting-state fMRI activity. PLoS Computational Biology, 2017, 13, e1005410.	1.5	10
1956	Surface-Based Analysis on Shape and Fractional Anisotropy of White Matter Tracts in Alzheimer's Disease. PLoS ONE, 2010, 5, e9811.	1.1	22
1957	Selective Disruption of the Cerebral Neocortex in Alzheimer's Disease. PLoS ONE, 2010, 5, e12853.	1.1	69
1958	Imaging of Functional Connectivity in the Mouse Brain. PLoS ONE, 2011, 6, e16322.	1.1	217
1959	Graph Theoretical Analysis of Functional Brain Networks: Test-Retest Evaluation on Short- and Long-Term Resting-State Functional MRI Data. PLoS ONE, 2011, 6, e21976.	1.1	330
1960	Gender-Related Differences in the Dysfunctional Resting Networks of Migraine Sufferers. PLoS ONE, 2011, 6, e27049.	1.1	59
1961	Abnormal Reorganization of Functional Cortical Small-World Networks in Focal Hand Dystonia. PLoS ONE, 2011, 6, e28682.	1.1	36
1962	White Matter Differences between Healthy Young ApoE4 Carriers and Non-Carriers Identified with Tractography and Support Vector Machines. PLoS ONE, 2012, 7, e36024.	1.1	19
1963	The Baseline and Longitudinal Changes of PCC Connectivity in Mild Cognitive Impairment: A Combined Structure and Resting-State fMRI Study. PLoS ONE, 2012, 7, e36838.	1.1	73

#	ARTICLE	IF	CITATIONS
1964	Reduction in Inter-Hemispheric Connectivity in Disorders of Consciousness. PLoS ONE, 2012, 7, e37238.	1.1	48
1965	Altered Small-World Efficiency of Brain Functional Networks in Acupuncture at ST36: A Functional MRI Study. PLoS ONE, 2012, 7, e39342.	1.1	34
1967	Intrinsic Brain Connectivity Related to Age in Young and Middle Aged Adults. PLoS ONE, 2012, 7, e44067.	1.1	38
1968	Altered Topological Organization of White Matter Structural Networks in Patients with Neuromyelitis Optica. PLoS ONE, 2012, 7, e48846.	1.1	37
1969	Aberrant Whole-Brain Functional Connectivity and Intelligence Structure in Children with Primary Nocturnal Enuresis. PLoS ONE, 2013, 8, e51924.	1.1	25
1970	Whole-brain Functional Networks in Cognitively Normal, Mild Cognitive Impairment, and Alzheimer's Disease. PLoS ONE, 2013, 8, e53922.	1.1	130
1971	Functional Network Endophenotypes Unravel the Effects of Apolipoprotein E Epsilon 4 in Middle-Aged Adults. PLoS ONE, 2013, 8, e55902.	1.1	50
1972	Stability of Whole Brain and Regional Network Topology within and between Resting and Cognitive States. PLoS ONE, 2013, 8, e70275.	1.1	32
1973	An Evaluation of the Left-Brain vs. Right-Brain Hypothesis with Resting State Functional Connectivity Magnetic Resonance Imaging. PLoS ONE, 2013, 8, e71275.	1.1	190
1974	The Effect of Souvenaid on Functional Brain Network Organisation in Patients with Mild Alzheimer's Disease: A Randomised Controlled Study. PLoS ONE, 2014, 9, e86558.	1.1	95
1975	A Healthy Brain in a Healthy Body: Brain Network Correlates of Physical and Mental Fitness. PLoS ONE, 2014, 9, e88202.	1.1	40
1976	Brain Activity and Functional Coupling Changes Associated with Self-Reference Effect during Both Encoding and Retrieval. PLoS ONE, 2014, 9, e90488.	1.1	29
1977	Coupled Intrinsic Connectivity Distribution Analysis: A Method for Exploratory Connectivity Analysis of Paired fMRI Data. PLoS ONE, 2014, 9, e93544.	1.1	8
1978	A Correspondence between Individual Differences in the Brain's Intrinsic Functional Architecture and the Content and Form of Self-Generated Thoughts. PLoS ONE, 2014, 9, e97176.	1.1	134
1979	The Neural Mechanisms Underlying the Acute Effect of Cigarette Smoking on Chronic Smokers. PLoS ONE, 2014, 9, e102828.	1.1	31
1980	Multimodal fMRI Resting-State Functional Connectivity in Granulin Mutations: The Case of Fronto-Parietal Dementia. PLoS ONE, 2014, 9, e106500.	1.1	58
1981	Selective Vulnerability Related to Aging in Large-Scale Resting Brain Networks. PLoS ONE, 2014, 9, e108807.	1.1	42
1982	Multiplex Networks of Cortical and Hippocampal Neurons Revealed at Different Timescales. PLoS ONE, 2014, 9, e115764.	1.1	44

#	ARTICLE	IF	CITATIONS
1983	White Matter Integrity Supports BOLD Signal Variability and Cognitive Performance in the Aging Human Brain. <i>PLoS ONE</i> , 2015, 10, e0120315.	1.1	49
1984	Aberrant Functional Connectome in Neurologically Asymptomatic Patients with End-Stage Renal Disease. <i>PLoS ONE</i> , 2015, 10, e0121085.	1.1	30
1985	Variability in Prefrontal Hemodynamic Response during Exposure to Repeated Self-Selected Music Excerpts, a Near-Infrared Spectroscopy Study. <i>PLoS ONE</i> , 2015, 10, e0122148.	1.1	2
1986	Physical Activity Is Linked to Greater Moment-To-Moment Variability in Spontaneous Brain Activity in Older Adults. <i>PLoS ONE</i> , 2015, 10, e0134819.	1.1	28
1987	Mapping Individual Brain Networks Using Statistical Similarity in Regional Morphology from MRI. <i>PLoS ONE</i> , 2015, 10, e0141840.	1.1	82
1988	Rhythmical Photic Stimulation at Alpha Frequencies Produces Antidepressant-Like Effects in a Mouse Model of Depression. <i>PLoS ONE</i> , 2016, 11, e0145374.	1.1	3
1989	Task-Related Edge Density (TED)â€”A New Method for Revealing Dynamic Network Formation in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2016, 11, e0158185.	1.1	10
1990	Structural and functional connectional fingerprints in mild cognitive impairment and Alzheimerâ€™s disease patients. <i>PLoS ONE</i> , 2017, 12, e0173426.	1.1	24
1991	Abnormal global functional network connectivity and its relationship to medial temporal atrophy in patients with amnesic mild cognitive impairment. <i>PLoS ONE</i> , 2017, 12, e0179823.	1.1	13
1992	Modulation of functional activity and connectivity by acupuncture in patients with Alzheimer disease as measured by resting-state fMRI. <i>PLoS ONE</i> , 2018, 13, e0196933.	1.1	66
1993	THE ROAD AHEAD TO CURE ALZHEIMER'S DISEASE: DEVELOPMENT OF BIOLOGICAL MARKERS AND NEUROIMAGING METHODS FOR PREVENTION TRIALS ACROSS ALL STAGES AND TARGET POPULATIONS. <i>Journal of prevention of Alzheimer's disease, The</i> , 2014, 1, 1-22.	1.5	48
1994	The Cutting Edge in Brain Science and Sportology. <i>Juntendo Medical Journal</i> , 2016, 62, 6-11.	0.1	12
1995	Resting-state functional connectivity abnormalities in patients with obsessiveâ€”compulsive disorder and their healthy first-degree relatives. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 304-311.	1.4	128
1996	Inefficient neural system stabilization: a theory of spontaneous resolutions and recurrent relapses in psychosis. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 367-383.	1.4	20
1997	The Virtual Mouse Brain: A Computational Neuroinformatics Platform to Study Whole Mouse Brain Dynamics. <i>ENeuro</i> , 2017, 4, ENEURO.0111-17.2017.	0.9	51
1998	Decreased inter-hemispheric interactions but increased intra-hemispheric integration during typical aging. <i>Aging</i> , 2019, 11, 10100-10115.	1.4	12
1999	Subjective cognitive decline detected by the oscillatory connectivity in the default mode network: a magnetoencephalographic study. <i>Aging</i> , 2020, 12, 3911-3925.	1.4	9
2000	Abnormal brain functional connectivity leads to impaired mood and cognition in hyperthyroidism: a resting-state functional MRI study. <i>Oncotarget</i> , 2017, 8, 6283-6294.	0.8	30

#	ARTICLE	IF	CITATIONS
2001	Aberrant pattern of regional cerebral blood flow in Alzheimer's disease: a voxel-wise meta-analysis of arterial spin labeling MR imaging studies. <i>Oncotarget</i> , 2017, 8, 93196-93208.	0.8	16
2002	Altered network efficiency of functional brain networks in patients with breast cancer after chemotherapy. <i>Oncotarget</i> , 2017, 8, 105648-105661.	0.8	21
2003	Impaired Functional Connectivity of the Thalamus in Alzheimer's Disease and Mild Cognitive Impairment: A Resting-State fMRI Study. <i>Current Alzheimer Research</i> , 2013, 10, 754-766.	0.7	106
2004	Schizophrenia and abnormal brain network hubs. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 339-349.	1.8	173
2005	Rich-club neurocircuitry: function, evolution, and vulnerability. <i>Dialogues in Clinical Neuroscience</i> , 2018, 20, 121-132.	1.8	59
2006	Large-scale functional brain network abnormalities in Alzheimer's disease: insights from functional neuroimaging. <i>Behavioural Neurology</i> , 2009, 21, 63-75.	1.1	117
2007	Amyloid imaging in aging and dementia: testing the amyloid hypothesis in vivo. <i>Behavioural Neurology</i> , 2009, 21, 117-28.	1.1	125
2008	Study of amyloid- β peptide functional brain networks in AD, MCI and HC. <i>Bio-Medical Materials and Engineering</i> , 2015, 26 Suppl 1, S2197-205.	0.4	8
2009	Advances on Alzheimer's Disease With Neuroimaging*. <i>Progress in Biochemistry and Biophysics</i> , 2012, 39, 811-815.	0.3	2
2010	Brainnetome of schizophrenia: focus on impaired cognitive function. <i>Shanghai Archives of Psychiatry</i> , 2012, 24, 3-10.	0.7	4
2011	Relating Connectivity and Graph Analysis to Cognitive Function in Alzheimer's Disease. <i>Michigan Journal of Medicine</i> , 2016, 1, .	0.0	12
2012	Frequency-specific Alterations of Large-scale Functional Brain Networks in Patients with Alzheimer's Disease. <i>Chinese Medical Journal</i> , 2015, 128, 602-609.	0.9	5
2013	Alzheimer's disease: Unique markers for diagnosis & new treatment modalities. <i>Indian Journal of Medical Research</i> , 2015, 142, 369.	0.4	13
2014	Disrupted Resting-State Brain Functional Architecture in Amphetamine-Type Stimulant Abusers. <i>Neuropsychiatry</i> , 2018, 08, .	0.4	1
2015	Abnormal Intrinsic Functional Hubs in Relapsing- Remitting Multiple Sclerosis: Evidence from a Voxel-Wise Degree Centrality Analysis. <i>Neuropsychiatry</i> , 2018, 08, .	0.4	1
2016	A default mode of brain function in altered states of consciousness. <i>Archives Italiennes De Biologie</i> , 2012, 150, 107-21.	0.1	58
2017	Association of Chronic Subjective Tinnitus with Neuro-Cognitive Performance. <i>International Tinnitus Journal</i> , 2017, 21, 90-97.	0.1	11
2018	Recruitment of the default mode network during a demanding act of executive control. <i>ELife</i> , 2015, 4, e06481.	2.8	140

#	ARTICLE	IF	CITATIONS
2019	A connectional hub in the rostral anterior cingulate cortex links areas of emotion and cognitive control. <i>ELife</i> , 2019, 8, .	2.8	78
2020	Differences in topological progression profile among neurodegenerative diseases from imaging data. <i>ELife</i> , 2019, 8, .	2.8	11
2021	Amyloid and tau accumulate across distinct spatial networks and are differentially associated with brain connectivity. <i>ELife</i> , 2019, 8, .	2.8	57
2022	The treatment and study of psychiatric disorders with fMRI neurofeedback. , 2021, , 207-237.		0
2023	Transmission of amyloid-beta and tau pathologies is associated with cognitive impairments in a primate. <i>Acta Neuropathologica Communications</i> , 2021, 9, 165.	2.4	18
2024	Voxel-Wise Quantitative Mapping of the Brain Association Ability. <i>Frontiers in Neuroscience</i> , 2021, 15, 746894.	1.4	1
2025	Amyloid- β -dependent and amyloid- β -independent effects of Tau in individuals without dementia. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2083-2092.	1.7	7
2026	A voxel-level brain-wide association study of cortisol at 8 am: Evidence from Cushing's disease. <i>Neurobiology of Stress</i> , 2021, 15, 100414.	1.9	2
2027	Shared Patterns of Brain Functional Connectivity for the Comorbidity between Migraine and Insomnia. <i>Biomedicines</i> , 2021, 9, 1420.	1.4	8
2028	Mechanisms of Network Changes in Cognitive Impairment in Multiple Sclerosis. <i>Neurology</i> , 2021, 97, e1886-e1897.	1.5	18
2029	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
2030	Microglial activation states drive glucose uptake and FDG-PET alterations in neurodegenerative diseases. <i>Science Translational Medicine</i> , 2021, 13, eabe5640.	5.8	108
2031	Relapse risk revealed by degree centrality and cluster analysis in heroin addicts undergoing methadone maintenance treatment. <i>Psychological Medicine</i> , 2023, 53, 2216-2228.	2.7	2
2032	Going round in circles- The Papez circuit in Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2021, 54, 7668-7687.	1.2	22
2034	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
2035	Evidence for exercise-related plasticity in functional and structural neural network connectivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 923-940.	2.9	42
2037	Functional Connectivity MR Imaging. , 2011, , 355-371.		4
2038	Intrinsic Activity and Consciousness. <i>Research and Perspectives in Neurosciences</i> , 2011, , 147-160.	0.4	0

#	ARTICLE	IF	CITATIONS
2039	Modular Scale-Free Function Subnetworks in Auditory Areas. Lecture Notes in Computer Science, 2011, , 435-442.	1.0	0
2040	EEG Based Biomarker Identification Using Graph-Theoretic Concepts: Case Study in Alcoholism. Fields Institute Communications, 2013, , 171-189.	0.6	0
2041	Neuroimaging of Consciousness in the Vegetative and Minimally Conscious States. , 2013, , 117-131.		0
2042	Apport de lâ€™imagerie par rÃ©sonance magnÃ©tique dans la maladie dâ€™Alzheimer. , 2013, , 45-61.		0
2043	Overlapping Replicator Dynamics for Functional Subnetwork Identification. Lecture Notes in Computer Science, 2013, 16, 682-689.	1.0	1
2044	Constructing Brain Connectivity Graph by Modified Sparse Representation. Lecture Notes in Computer Science, 2013, , 207-214.	1.0	0
2045	Computational Approaches to Attention. , 2014, , 891-930.		0
2046	Coupled Intrinsic Connectivity: A Principled Method for Exploratory Analysis of Paired Data. Mathematics and Visualization, 2014, , 219-227.	0.4	0
2048	Impact of the IWG/Dubois Criteria for Alzheimerâ€™s Disease in Imaging Studies. , 2014, , 309-322.		0
2049	Temporal and Spectral Signatures of the Default Mode Network. , 2014, , 451-476.		5
2050	Connectivity Analysis in Normal and Pathological Brains. , 2014, , 1-5.		0
2051	Functional Connectivity MR Imaging. , 2015, , 83-104.		0
2054	An Introduction to Brain Networks. , 2016, , 1-35.		6
2055	Modificaciones durante el envejecimiento de la sincronizaci3n electroencefalogrÃ¡fica (EEG) cortical bajo estimulaci3n visual. European Journal of Investigation in Health, Psychology and Education, 2016, 6, 15.	1.1	0
2060	Functional NeuroCognitive ImagingTM and Notus NeuroCogsTM: A Novel Use of fMRI in the Assessment of Cognitive Function in Major Neurocognitive Disorder. Journal of Neuroimaging in Psychiatry & Neurology, 2017, 02, .	0.4	1
2064	The Growing Evidence for Photobiomodulation as a Promising Treatment for Alzheimerâ€™s Disease. Journal of Biosciences and Medicines, 2018, 06, 100-110.	0.1	2
2066	Linear-array based full-view high-resolution photoacoustic computed tomography of whole mouse brain functions in vivo. , 2018, , .		0
2068	Hubs defined with participation coefficient metric altered following acute mTBI. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
2073	Fractional amplitude of low-frequency fluctuation and degree centrality in autistic children: a resting-state fMRI study. , 2018, , .		1
2080	Temporal and Spectral Signatures of the Default Mode Network. , 2019, , 571-603.		1
2082	Cellular and Molecular Changes. , 2019, , 70-86.		0
2083	The Whole Picture: From Isolated to Global MRI Measures of Neurovascular and Neurodegenerative Disease. Advances in Experimental Medicine and Biology, 2019, 1205, 25-53.	0.8	1
2088	Theoretical Considerations for The Possibility of Effective Memory Rehabilitation from The Cognitive Neuroscience Approach. Higher Brain Function Research, 2019, 39, 314-319.	0.0	0
2095	Density center-based fast clustering of widefield fluorescence imaging of cortical mesoscale functional connectivity and relation to structural connectivity. Neurophotonics, 2019, 6, 1.	1.7	6
2097	Decoding Task-Specific Cognitive States with Slow, Directed Functional Networks in the Human Brain. ENeuro, 2020, 7, ENEURO.0512-19.2019.	0.9	1
2100	A Region-Based Feature Extraction Method for Rs-fMRI of Depressive Disorder Classification. , 2020, , .		2
2102	Capturing Neuroplastic Changes after iTBS in Patients with Post-Stroke Aphasia: A Pilot fMRI Study. Brain Sciences, 2021, 11, 1451.	1.1	13
2103	Cross-Sectional Characterization of Local Brain Network Connectivity Pre and Post Breast Cancer Treatment and Distinct Association With Subjective Cognitive and Psychological Function. Frontiers in Neurology, 2021, 12, 746493.	1.1	2
2104	A review on epileptic foci localization using resting-state functional magnetic resonance imaging. Mathematical Biosciences and Engineering, 2020, 17, 2496-2515.	1.0	4
2105	Gender Differences in Neural Networks in Patients with Vascular Encephalopathy. Human Physiology, 2020, 46, 833-839.	0.1	0
2106	Imaging Transcriptomics in Neurodegenerative Diseases. Journal of Neuroimaging, 2021, 31, 244-250.	1.0	16
2108	Deep Brain Stimulation for Alzheimer's Disease: Tackling Circuit Dysfunction. Neuromodulation, 2021, 24, 171-186.	0.4	20
2110	Brain Network Functional Connectivity in Alzheimer's Disease and Frontotemporal Dementia. , 2020, , 385-415.		1
2113	A Quantitative Data-Driven Analysis Framework for Resting-State Functional Magnetic Resonance Imaging: A Study of the Impact of Adult Age. Frontiers in Neuroscience, 2021, 15, 768418.	1.4	2
2114	Abnormal Cerebral Blood Flow and Functional Connectivity Strength in Subjects With White Matter Hyperintensities. Frontiers in Neurology, 2021, 12, 752762.	1.1	8
2115	Integrated structural and functional atlases of Asian children from infancy to childhood. NeuroImage, 2021, 245, 118716.	2.1	8

#	ARTICLE	IF	CITATIONS
2116	Cortical atrophy mediates the accumulating effects of vascular risk factors on cognitive decline in the Alzheimer's disease spectrum. <i>Aging</i> , 2020, 12, 15058-15076.	1.4	2
2122	Functional Dedifferentiation and Altered Connectivity in Older Adults: Neural Accounts of Cognitive Aging. <i>Aging</i> , 2011, 2, 30-48.		91
2123	Reorganization of Brain Networks in Aging and Age-related Diseases. <i>Aging</i> , 2012, 3, 181-93.		33
2124	Deep brain stimulation: a novel strategy for treating Alzheimer's disease. <i>Innovations in Clinical Neuroscience</i> , 2012, 9, 10-7.	0.1	196
2125	Changes in DTI Diffusivity and fMRI Connectivity Cluster Coefficients for Students with and without Specific Learning Disabilities In Written Language: Brain's Response to Writing Instruction. <i>Journal of Nature and Science</i> , 2017, 3, .	1.1	7
2126	Altered Brain Network Centrality in Patients with Adult Strabismus with Amblyopia: A Resting-State Functional Magnetic Resonance Imaging (fMRI) Study. <i>Medical Science Monitor</i> , 2020, 26, e925856.	0.5	1
2127	Mindfulness Meditation: Impact on Attentional Control and Emotion Dysregulation. <i>Archives of Clinical Neuropsychology</i> , 2021, 36, 1283-1290.	0.3	1
2128	Multitier Network Analysis Using Resting-state Functional MRI for Epilepsy Surgery. <i>Neurologia Medico-Chirurgica</i> , 2022, 62, 45-55.	1.0	4
2130	A systematic review of resting-state and task-based fmri in juvenile myoclonic epilepsy. <i>Brain Imaging and Behavior</i> , 2022, 16, 1465-1494.	1.1	3
2131	Investigating Neurophysiological Markers of Symptom Severity in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 309-321.	1.2	5
2132	Homotopic functional connectivity disruptions in glioma patients are associated with tumor malignancy and overall survival. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab176.	0.4	2
2133	Magnetoencephalography Brain Signatures Relate to Cognition and Cognitive Reserve in the Oldest-Old: The EMIF-AD 90 + Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 746373.	1.7	5
2134	Alteration of Whole Brain ALFF/fALFF and Degree Centrality in Adolescents With Depression and Suicidal Ideation After Electroconvulsive Therapy: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 762343.	1.0	23
2136	Mapping connectivity fingerprints for presurgical evaluation of temporal lobe epilepsy. <i>BMC Neurology</i> , 2021, 21, 442.	0.8	2
2137	Reduced number of satellite oligodendrocytes of pyramidal neurons in layer 5 of the prefrontal cortex in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 947-955.	1.8	9
2138	Case Study 1: A 55-Year-Old Woman With Progressive Cognitive, Perceptual, and Motor Impairments. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2022, 34, 8-15.	0.9	2
2139	Relationship between Amyloid- β Deposition and the Coupling between Structural and Functional Brain Networks in Patients with Mild Cognitive Impairment and Alzheimer's Disease. <i>Brain Sciences</i> , 2021, 11, 1535.	1.1	8
2141	Adolescent Brain Development and Contextual Influences: A Decade in Review. <i>Journal of Research on Adolescence</i> , 2021, 31, 843-869.	1.9	14

#	ARTICLE	IF	CITATIONS
2143	Tukey's Depth for Object Data. <i>Journal of the American Statistical Association</i> , 2023, 118, 1760-1772.	1.8	4
2144	Considerations and recent advances in nanoscale interfaces with neuronal and cardiac networks. <i>Applied Physics Reviews</i> , 2021, 8, 041317.	5.5	5
2145	Differential structure-function network coupling in the inattentive and combined types of attention deficit hyperactivity disorder. <i>PLoS ONE</i> , 2021, 16, e0260295.	1.1	6
2146	Long-term bumetanide administration altered behavioral pattern in mosaic Down's Syndrome: A case report. <i>Applied Neuropsychology: Child</i> , 2023, 12, 88-95.	0.7	2
2147	Reorganization of rich clubs in functional brain networks of dementia with Lewy bodies and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2022, 33, 102930.	1.4	3
2149	Altered Brain Network Centrality in Patients with Adult Strabismus with Amblyopia: A Resting-State Functional Magnetic Resonance Imaging (fMRI) Study. <i>Medical Science Monitor</i> , 2020, 26, e925856.	0.5	9
2150	Photo-Oxygenation: An Innovative New Therapeutic Approach Against Amyloidoses. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1339, 415-422.	0.8	2
2152	Human Intelligence and Network Neuroscience. , 2021, , 102-122.		1
2153	Epilepsy and brain network hubs. <i>Epilepsia</i> , 2022, 63, 537-550.	2.6	66
2154	A quantitative approach to the 2014 Mt. Ontake volcanic eruption news coverage: understanding the information gap and the public response to the anniversary coverage. <i>Journal of Applied Volcanology</i> , 2022, 11, .	0.7	2
2155	Improvisational Movement to Improve Quality of Life in Older Adults With Early-Stage Dementia: A Pilot Study. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 796101.	0.9	6
2156	Variational dimensions of cingulate cortex functional connectivity and implications in neuropsychiatric disorders. <i>Cerebral Cortex</i> , 2022, 32, 5682-5697.	1.6	4
2157	Test-retest stability of spontaneous brain activity and functional connectivity in the core resting-state networks assessed with ultrahigh field 7T resting-state functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2022, 43, 2026-2040.	1.9	8
2158	Intrinsic Brain Activity Alterations in Patients With Mild Cognitive Impairment-to-Normal Reversion: A Resting-State Functional Magnetic Resonance Imaging Study From Voxel to Whole-Brain Level. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 788765.	1.7	7
2159	Distinct roles for the anterior temporal lobe and angular gyrus in the spatiotemporal cortical semantic network. <i>Cerebral Cortex</i> , 2022, 32, 4549-4564.	1.6	19
2160	Brain Perfusion Single-Photon Emission Computed Tomography Using an Easy Z-Score Imaging System Predicts Progression to Neurodegenerative Dementia in Rapid Eye Movement Sleep Behavior Disorder. <i>Dementia and Geriatric Cognitive Disorders</i> , 2021, 50, 577-584.	0.7	1
2161	Effect of Phase-Encoding Direction on Gender Differences: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 748080.	1.4	0
2162	Hybrid brain model accurately predict human procrastination behavior. <i>Cognitive Neurodynamics</i> , 2022, 16, 1107-1121.	2.3	2

#	ARTICLE	IF	CITATIONS
2164	Signature laminar distributions of pathology in frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2022, 143, 363-382.	3.9	12
2165	Frequency-Resolved Connectome Hubs and Their Test-Retest Reliability in the Resting Human Brain. <i>Neuroscience Bulletin</i> , 2022, 38, 519-532.	1.5	2
2167	Joint structural-functional magnetic resonance imaging features are associated with diagnosis and real-world functioning in patients with schizophrenia. <i>Schizophrenia Research</i> , 2022, 240, 193-203.	1.1	4
2168	Irregular degree centrality in neuromyelitis optica spectrum disorder patients with optic neuritis: A resting-state functional magnetic resonance imaging study. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 59, 103542.	0.9	2
2169	Ultrahigh spatiotemporal resolution fluorescence molecular tomography with a sparsity constrained dimensional reduction reconstruction model. , 2022, , .		0
2170	Abnormal resting-state local spontaneous functional activity in irritable bowel syndrome patients: A meta-analysis. <i>Journal of Affective Disorders</i> , 2022, 302, 177-184.	2.0	6
2171	Cerebrospinal fluid neurofilament light chain is a marker of aging and white matter damage. <i>Neurobiology of Disease</i> , 2022, 166, 105662.	2.1	21
2173	Ce que la neuropathologie nous a appris ces 20 derniÃ©res annÃ©es sur les maladies cÃ©rÃ©brales Ã expression cognitive. <i>La Presse MÃ©dicale Formation</i> , 2022, , .	0.1	0
2175	Abnormal Anatomical and Functional Connectivity of the Thalamo-sensorimotor Circuit in Chronic Low Back Pain: Resting-state Functional Magnetic Resonance Imaging and Diffusion Tensor Imaging Study. <i>Neuroscience</i> , 2022, 487, 143-154.	1.1	12
2176	The Cerebrovascular Reactivity-Adjusted Spontaneous Brain Activity Abnormalities in White Matter Hyperintensities Related Cognitive Impairment: A Resting-State Functional MRI Study. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 691-701.	1.2	6
2177	Social support mediates the influence of cerebellum functional connectivity strength on postpartum depression and postpartum depression with anxiety. <i>Translational Psychiatry</i> , 2022, 12, 54.	2.4	34
2178	Functional Reorganization After Four-Week Brain-Computer Interface-Controlled Supernumerary Robotic Finger Training: A Pilot Study of Longitudinal Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2021, 15, 766648.	1.4	1
2179	Altered functional connectivity density and couplings in postpartum depression with and without anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 756-766.	1.5	19
2180	Global Functional Connectivity Analysis Indicating Dysconnectivity of the Hate Circuit in Major Depressive Disorder. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 803080.	1.7	4
2181	Basal ganglia stroke is associated with altered functional connectivity of the left inferior temporal gyrus. <i>Journal of Neuroimaging</i> , 2022, 32, 744-751.	1.0	6
2182	Sixteen Weeks of Aerobic Exercise does not Alter Resting-state Connectivity of the Precuneus in Patients with Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2022, 19, 171-177.	0.7	3
2183	Exploration of the Mechanism Underlying the Association of Incident Microinfarct and Motor Deficit: A Preliminary Functional MRI Study. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1545-1554.	1.2	1
2184	Cognitive Deficit and Aberrant Intrinsic Brain Functional Network in Early-Stage Drug-Naive Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2022, 16, 725766.	1.4	3

#	ARTICLE	IF	CITATIONS
2185	Clear-headed into old age: Resilience and resistance against brain aging—A ¹⁸ F-PET imaging perspective. <i>Journal of Neurochemistry</i> , 2023, 164, 325-345.	2.1	3
2186	Relationship of sex differences in cortical thickness and memory among cognitively healthy subjects and individuals with mild cognitive impairment and Alzheimer disease. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 36.	3.0	9
2187	A Comparative Analysis of White Matter Structural Networks on SCLC Patients After Chemotherapy. <i>Brain Topography</i> , 2022, , 1.	0.8	2
2188	Spatial Stability of Functional Networks: A Measure to Assess the Robustness of Graph-Theoretical Metrics to Spatial Errors Related to Brain Parcellation. <i>Frontiers in Neuroscience</i> , 2021, 15, 736524.	1.4	7
2189	Hippocampus-Based Dynamic Functional Connectivity Mapping in the Early Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1795-1806.	1.2	8
2190	Disrupted Resting State Attentional Network Connectivity in Adolescent and Young Adult Cannabis Users following Two-Weeks of Monitored Abstinence. <i>Brain Sciences</i> , 2022, 12, 287.	1.1	2
2191	Abnormal voxel-wise whole-brain functional connectivity in first-episode, drug-naïve adolescents with major depression disorder. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 1317-1327.	2.8	11
2192	Altered vigilant maintenance and reorganization of rich-clubs in functional brain networks after total sleep deprivation. <i>Cerebral Cortex</i> , 2023, 33, 1140-1154.	1.6	3
2193	Tau and the fractionated default mode network in atypical Alzheimer's disease. <i>Brain Communications</i> , 2022, 4, fcac055.	1.5	11
2196	Preclinical Longitudinal In Vivo Biomarker Platform for Alzheimer's Disease Drug Discovery. , 2022, , 106-122.		0
2197	Closed-loop neuromodulation for studying spontaneous activity and causality. <i>Trends in Cognitive Sciences</i> , 2022, 26, 290-299.	4.0	12
2198	The local neural markers of MRI in patients with temporal lobe epilepsy presenting ictal panic: A resting-state postictal fMRI study. <i>Epilepsy and Behavior</i> , 2022, 129, 108490.	0.9	2
2199	The role of the interaction between the inferior parietal lobule and superior temporal gyrus in the multisensory Go/No-go task. <i>NeuroImage</i> , 2022, 254, 119140.	2.1	8
2200	Neurobehavioral mechanisms underlying the effects of physical exercise break on episodic memory during prolonged sitting. <i>Complementary Therapies in Clinical Practice</i> , 2022, 48, 101553.	0.7	7
2201	Interhemispheric Cortical Network Connectivity Reorganization Predicts Vision Impairment in Stroke. , 2021, 2021, 836-840.		0
2203	Intra-individual cognitive variability in neuropsychological assessment: a sign of neural network dysfunction. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 375-399.	0.7	5
2204	From Action to Cognition: Neural Reuse, Network Theory and the Emergence of Higher Cognitive Functions. <i>Brain Sciences</i> , 2021, 11, 1652.	1.1	12
2205	Predicting Fluid Intelligence via Naturalistic Functional Connectivity Using Weighted Ensemble Model and Network Analysis. <i>NeuroSci</i> , 2021, 2, 427-442.	0.4	1

#	ARTICLE	IF	CITATIONS
2206	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
2207	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
2208	Common Microscale and Macroscale Principles of Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2022, 42, 4147-4163.	1.7	7
2209	Young Adults with a Parent with Dementia Show Early Abnormalities in Brain Activity and Brain Volume in the Hippocampus: A Matched Case-Control Study. <i>Brain Sciences</i> , 2022, 12, 496.	1.1	1
2210	Altered voxel-level whole-brain functional connectivity in multiple system atrophy patients with depression symptoms. <i>BMC Psychiatry</i> , 2022, 22, 279.	1.1	4
2211	Effects of Repetitive Transcranial Magnetic Stimulation on Cognitive Function in Patients With Stress-Related Depression: A Randomized Double-Blind fMRI and 1H-MRS Study. <i>Frontiers in Neurology</i> , 2022, 13, 844606.	1.1	1
2212	The resting-state causal human connectome is characterized by hub connectivity of executive and attentional networks. <i>NeuroImage</i> , 2022, 255, 119211.	2.1	9
2286	Association between high levels of body-esteem and increased degree of midcingulate cortex global connectivity: A resting-state fMRI study. <i>Psychophysiology</i> , 2022, 59, e14072.	1.2	1
2287	Gestational age-related changes in the fetal functional connectome: in utero evidence for the global signal. <i>Cerebral Cortex</i> , 2023, 33, 2302-2314.	1.6	5
2288	Network-wise concordance of multimodal neuroimaging features across the Alzheimer's disease continuum. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12304.	1.2	4
2289	A Neuropathological Hub Identification for Alzheimer's Disease Via joint Analysis of Topological Structure and Neuropathological Burden. , 2022, , .		2
2290	Vascular Health Is Associated With Functional Connectivity Decline in Higher-Order Networks of Older Adults. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 847824.	1.0	0
2291	Revealing the Neuroimaging Mechanism of Acupuncture for Poststroke Aphasia: A Systematic Review. <i>Neural Plasticity</i> , 2022, 2022, 1-23.	1.0	4
2292	Altered Variability and Concordance of Dynamic Resting-State Functional Magnetic Resonance Imaging Indices in Patients With Major Depressive Disorder and Childhood Trauma. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	2
2293	Altered Brain Connectivity Patterns of Individual Differences in Insightful Problem Solving. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	1.0	5
2294	Forecasting brain activity based on models of spatiotemporal brain dynamics: A comparison of graph neural network architectures. <i>Network Neuroscience</i> , 2022, 6, 665-701.	1.4	3
2295	Functional connector hubs in the cerebellum. <i>NeuroImage</i> , 2022, 257, 119263.	2.1	8
2296	BDNF and KIBRA Polymorphisms Are Related to Altered Resting State Network Connectivity in Middle Age. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-12.	1.2	0

#	ARTICLE	IF	CITATIONS
2297	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
2298	A Novel Key Features Screening Method Based on Extreme Learning Machine for Alzheimer's Disease Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	3
2299	Sources of multifractality of the brain rs-fMRI signal. <i>Chaos, Solitons and Fractals</i> , 2022, 160, 112222.	2.5	6
2300	Intrinsic Connectivity Networks of Glutamate-Mediated Antidepressant Response: A Neuroimaging Review. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	12
2302	Investigation of Underlying Association Between Whole Brain Regions and Alzheimer's Disease: A Research Based on an Artificial Intelligence Model. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	8
2303	Multiple functions of the angular gyrus at high temporal resolution. <i>Brain Structure and Function</i> , 2023, 228, 7-46.	1.2	12
2304	Local Functional Connectivity as a Parsimonious Explanation of the Main Frameworks for ADHD in Medication-Naïve Adults. <i>Journal of Attention Disorders</i> , 2022, 26, 1788-1801.	1.5	1
2305	Alzheimer's Disease-Related Genes Identified by Linking Spatial Patterns of Pathology and Gene Expression. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
2306	Memory for the Future: Psychodynamic Approach to Time and Self Through the Default Network. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	4
2307	Abnormal Functional Hierarchies of EEG Networks in Familial and Sporadic Prodromal Alzheimer's Disease During Visual Short-Term Memory Binding. , 0, 1, .		0
2308	Altered Long- and Short-Range Functional Connectivity Density in Patients With Thyroid-Associated Ophthalmopathy: A Resting-State fMRI Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
2309	Abnormal white matter rich club organization in obsessive compulsive disorder. <i>Human Brain Mapping</i> , 2022, 43, 4699-4709.	1.9	5
2310	White matter substrates of functional connectivity dynamics in the human brain. <i>NeuroImage</i> , 2022, 258, 119391.	2.1	6
2311	Connectivity Analysis in Normal and Pathological Brains. , 2022, , 959-963.		0
2312	The Degree Centrality and Functional Connectivity in Patients With Temporal Lobe Epilepsy Presenting as Ictal Panic: A Resting State fMRI Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
2313	Neural Dysconnectivity in the Hippocampus Correlates With White Matter Lesions and Cognitive Measures in Patients With Coronary Artery Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
2315	Abnormal Degree Centrality in Children with Low-Function Autism Spectrum Disorders: A Sleeping-State Functional Magnetic Resonance Imaging Study. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 18, 1363-1374.	1.0	0
2317	Impaired time-distance reconfiguration patterns in Alzheimer's disease: a dynamic functional connectivity study with 809 individuals from 7 sites. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	1

#	ARTICLE	IF	CITATIONS
2318	Parietal-hippocampal rTMS improves cognitive function in Alzheimer's disease and increases dynamic functional connectivity of default mode network. <i>Psychiatry Research</i> , 2022, 315, 114721.	1.7	11
2319	Abnormal network homogeneity of default-mode network and its relationships with clinical symptoms in antipsychotic-naïve first-diagnosis schizophrenia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
2320	Altered voxel-wise degree centrality associated with patients with comitant exotropia. <i>NeuroReport</i> , 0, Publish Ahead of Print, .	0.6	1
2322	Structural Connectivity in Down Syndrome and Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
2323	Aberrant brain dynamics in major depressive disorder with suicidal ideation. <i>Journal of Affective Disorders</i> , 2022, 314, 263-270.	2.0	8
2324	Altered dynamic intrinsic brain activity of the default mode network in Alzheimer's disease: A resting-state fMRI study. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
2325	Local Functional Connectivity as a Parsimonious Explanation of the Main Frameworks for ADHD in Medication-Naïve Adults. <i>Journal of Attention Disorders</i> , 2022, 26, 1563-1575.	1.5	1
2326	The correlations between kinematic profiles and cerebral hemodynamics suggest changes of motor coordination in single and bilateral finger movement. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	5
2327	Effect of Moxibustion Treatment on Degree Centrality in Patients With Mild Cognitive Impairment: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	1
2328	Peripheral Interleukin-18 is negatively correlated with abnormal brain activity in patients with depression: a resting-state fMRI study. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	9
2329	Neuropsychological and Neuroanatomical Features of Patients with Behavioral/Dysexecutive Variant Alzheimer's Disease (AD): A Comparison to Behavioral Variant Frontotemporal Dementia and Amnesic AD Groups. <i>Journal of Alzheimer's Disease</i> , 2022, 89, 641-658.	1.2	6
2330	Brain alterations of regional homogeneity, degree centrality, and functional connectivity in vulnerable carotid plaque patients with neither clinical symptoms nor routine MRI lesions: A resting-state fMRI study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
2331	Disrupted intra- and inter-network connectivity in unilateral acute tinnitus with hearing loss. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
2332	Comparison of Functional Connectivity Analysis Methods in Alzheimer's Disease. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 8096.	1.3	2
2333	A Distributed Network for Multimodal Experiential Representation of Concepts. <i>Journal of Neuroscience</i> , 2022, 42, 7121-7130.	1.7	16
2334	Local molecular and global connectomic contributions to cross-disorder cortical abnormalities. <i>Nature Communications</i> , 2022, 13, .	5.8	29
2335	The brain correlates of hostile attribution bias and their relation to the displaced aggression. <i>Journal of Affective Disorders</i> , 2022, 317, 204-211.	2.0	1
2336	Intrinsic connectivity of the human brain provides scaffold for tau aggregation in clinical variants of Alzheimer's disease. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	13

#	ARTICLE	IF	CITATIONS
2337	Thalamic nuclei atrophy at high and heterogenous rates during cognitively unimpaired human aging. <i>NeuroImage</i> , 2022, 262, 119584.	2.1	5
2338	Connectivity impairment of cerebellar and sensorimotor connector hubs in Parkinson's disease. <i>Brain Communications</i> , 2022, 4, .	1.5	3
2339	Altered brain activity in juvenile myoclonic epilepsy with a monotherapy: a resting-state fMRI study. <i>Acta Epileptologica</i> , 2022, 4, .	0.4	0
2340	On the Spatial Distribution of Temporal Complexity in Resting State and Task Functional MRI. <i>Entropy</i> , 2022, 24, 1148.	1.1	3
2342	Understanding an implicated causality: The brain network for processing concessive relations. <i>Brain and Language</i> , 2022, 234, 105177.	0.8	3
2343	Tract-specific differences in white matter microstructure between young adult APOE ϵ 4 carriers and non-carriers: A replication and extension study. <i>NeuroImage Reports</i> , 2022, 2, 100126.	0.5	1
2344	Effective connectivity in individuals with Alzheimer's disease and mild cognitive impairment: A systematic review. <i>Neuroscience Informatics</i> , 2022, 2, 100104.	2.8	1
2345	Variability and concordance among indices of brain activity in major depressive disorder with suicidal ideation: A temporal dynamics resting-state fMRI analysis. <i>Journal of Affective Disorders</i> , 2022, 319, 70-78.	2.0	6
2346	Involvement of cerebellar and subcortical connector hubs in schizophrenia. <i>NeuroImage: Clinical</i> , 2022, 35, 103140.	1.4	7
2347	Modelling Cycles in Brain Networks with the Hodge Laplacian. <i>Lecture Notes in Computer Science</i> , 2022, , 326-335.	1.0	0
2348	Brain disorder prediction with dynamic multivariate spatio-temporal features: Application to Alzheimer's disease and autism spectrum disorder. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
2349	Profiling the halal food consumer on Instagram: integrating image, textual, and social tagging data. <i>Multimedia Tools and Applications</i> , 0, , .	2.6	0
2352	Relating cognition to both brain structure and function: A systematic review of methods. <i>Brain Connectivity</i> , 0, , .	0.8	1
2353	Classification and prediction of cognitive performance differences in older age based on brain network patterns using a machine learning approach. <i>Network Neuroscience</i> , 2023, 7, 122-147.	1.4	4
2354	Reduced segregation of brain networks in spatial neglect after stroke. <i>Brain Connectivity</i> , 0, , .	0.8	1
2355	The functional connectivity of the middle frontal cortex predicts ketamine's outcome in major depressive disorder. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
2357	Dynamic Brain Connectivity in Resting-State FMRI Using Spectral ICA and Graph Approach: Application to Healthy Controls and Multiple Sclerosis. <i>Diagnostics</i> , 2022, 12, 2263.	1.3	0
2358	The trend of disruption in the functional brain network topology of Alzheimer's disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	7

#	ARTICLE	IF	CITATIONS
2359	Abnormal degree centrality in first-episode medication-free adolescent depression at rest: A functional magnetic resonance imaging study and support vector machine analysis. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	4
2360	Functional connectivity of brain networks with three monochromatic wavelengths: a pilot study using resting-state functional magnetic resonance imaging. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
2361	Deficit of Perineuronal Satellite Oligodendrocytes in Layer 3 of the Prefrontal Cortex in Schizophrenia. <i>Psychiatry</i> , 2022, 20, 6-15.	0.2	0
2362	Complexity changes in functional state dynamics suggest focal connectivity reductions. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	0
2363	Meta-connectomic analysis maps consistent, reproducible, and transcriptionally relevant functional connectome hubs in the human brain. <i>Communications Biology</i> , 2022, 5, .	2.0	10
2364	Machine learning techniques for MRI feature-based detection of frontotemporal lobar degeneration. <i>Procedia Computer Science</i> , 2022, 207, 1312-1321.	1.2	0
2365	In Vivo Tau Burden Is Associated with Abnormal Brain Functional Connectivity in Alzheimer's Disease: A 18F-Florbetapir Study. <i>Brain Sciences</i> , 2022, 12, 1355.	1.1	2
2366	Abnormal brain activities in multiple frequency bands in Parkinson's disease with apathy. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
2367	Hippocampal network dysfunction in early psychosis: a 2-year longitudinal study. <i>Biological Psychiatry Global Open Science</i> , 2022, , .	1.0	0
2368	Discordance and Concordance Between Cerebrospinal and [¹⁸ F]FDG-PET Biomarkers in Assessing Atypical and Early-Onset AD Dementia Cases. <i>Neurology</i> , 2022, 99, .	1.5	4
2369	Lifelong experiences as a proxy of cognitive reserve moderate the association between connectivity and cognition in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2023, 122, 33-44.	1.5	8
2370	Degree centrality and functional connections in presbycusis with and without cognitive impairments. <i>Brain Imaging and Behavior</i> , 2022, 16, 2725-2734.	1.1	2
2371	Brain network architecture constrains age-related cortical thinning. <i>NeuroImage</i> , 2022, 264, 119721.	2.1	10
2372	Altered brain network centrality in Parkinson's disease patients after deep brain stimulation: a functional MRI study using a voxel-wise degree centrality approach. <i>Journal of Neurosurgery</i> , 2022, , 1-8.	0.9	4
2373	Coordinated cortical thickness alterations across six neurodevelopmental and psychiatric disorders. <i>Nature Communications</i> , 2022, 13, .	5.8	31
2374	The role of the angular gyrus in arithmetic processing: a literature review. <i>Brain Structure and Function</i> , 2023, 228, 293-304.	1.2	4
2375	Sensorimotor network connectivity correlates with motor improvement after repetitive transcranial magnetic stimulation in patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2023, 106, 105218.	1.1	3
2376	Resting-state functional MRI in multicenter studies on multiple sclerosis: a report on raw data quality and functional connectivity features from the Italian Neuroimaging Network Initiative. <i>Journal of Neurology</i> , 2023, 270, 1047-1066.	1.8	3

#	ARTICLE	IF	CITATIONS
2377	Motor cortex functional connectivity is associated with underlying neurochemistry in ALS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 193-200.	0.9	3
2378	Altered Functional Connectivity of Basal Ganglia in Mild Cognitive Impairment and Alzheimer's Disease. <i>Brain Sciences</i> , 2022, 12, 1555.	1.1	6
2380	Sex Difference in General Cognition Associated with Coupling of Whole-brain Functional Connectivity Strength to Cerebral Blood Flow Changes During Alzheimer's Disease Progression. <i>Neuroscience</i> , 2023, 509, 187-200.	1.1	5
2381	Increased Functional Connectivity of the Precuneus in Individuals with a Family History of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 91, 559-571.	1.2	2
2382	Effect of spinal anesthesia-induced deafferentation on pain processing in healthy male volunteers: A task-related fMRI study. <i>Frontiers in Pain Research</i> , 0, 3, .	0.9	2
2383	Model-Base Estimation of Non-Invasive Ventilation Weaning of Preterm Infants Exposed to Osteopathic Manipulative Treatment: A Propensity-Score-Matched Cohort Study. <i>Healthcare (Switzerland)</i> , 2022, 10, 2379.	1.0	2
2384	The relevance of rich club regions for functional outcome post-stroke is enhanced in women. <i>Human Brain Mapping</i> , 2023, 44, 1579-1592.	1.9	1
2385	Development of neonatal brain functional centrality and alterations associated with preterm birth. <i>Cerebral Cortex</i> , 2023, 33, 5585-5596.	1.6	7
2386	Altered functional hubs and connectivity in type 2 diabetes mellitus with and without mild cognitive impairment. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
2387	Alteration of whole-brain amplitude of low-frequency fluctuation and degree centrality in patients with mild to moderate depression: A resting-state functional magnetic resonance imaging study. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	7
2388	Effects of Physiological Signal Removal on Resting-State Functional MRI Metrics. <i>Brain Sciences</i> , 2023, 13, 8.	1.1	1
2389	The gradient model of brain organization in decisions involving empathy for pain. <i>Cerebral Cortex</i> , 2023, 33, 5839-5850.	1.6	1
2390	Aberrant brain functional network strength related to cognitive impairment in age-related hearing loss. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
2392	Network organization of resting-state cerebral hemodynamics and their aliasing contributions measured by functional near-infrared spectroscopy. <i>Journal of Neural Engineering</i> , 0, , .	1.8	0
2393	Neuroimaging biomarkers for detecting schizophrenia: A resting-state functional MRI-based radiomics analysis. <i>Heliyon</i> , 2022, 8, e12276.	1.4	2
2394	Altered Cerebro-Cerebellar Effective Connectivity in New-Onset Juvenile Myoclonic Epilepsy. <i>Brain Sciences</i> , 2022, 12, 1658.	1.1	3
2397	Dynamic and Functional Alterations of Neuronal Networks In Vitro upon Physical Damage: A Proof of Concept. <i>Micromachines</i> , 2022, 13, 2259.	1.4	2
2398	An integrated resource for functional and structural connectivity of the marmoset brain. <i>Nature Communications</i> , 2022, 13, .	5.8	13

#	ARTICLE	IF	CITATIONS
2399	Alzheimer's Disease: Clinical Trials and the Amyloid Hypothesis. <i>Annals of the Academy of Medicine, Singapore</i> , 2011, 40, 304-306.	0.2	2
2400	Functional Network Alterations Associated with Cognition in Pre-Clinical Alzheimer's Disease. <i>Brain Connectivity</i> , 2023, 13, 275-286.	0.8	2
2401	Alterations of Spontaneous Cortical and Subcortical Activity in Type 2 Diabetes Mellitus with and without Depression. <i>Neuroendocrinology</i> , 2023, 113, 736-755.	1.2	1
2402	Alterations of degree centrality and functional connectivity in classic trigeminal neuralgia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
2403	Brain network decoupling with increased serum neurofilament and reduced cognitive function in Alzheimer's disease. <i>Brain</i> , 2023, 146, 2928-2943.	3.7	4
2405	A critical role of brain network architecture in a continuum model of autism spectrum disorders spanning from healthy individuals with genetic liability to individuals with ASD. <i>Molecular Psychiatry</i> , 2023, 28, 1210-1218.	4.1	0
2406	Regional Comparison of Imaging Biomarkers in the Striatum between Early- and Late-onset Alzheimer's Disease. <i>Experimental Neurobiology</i> , 2022, 31, 401-408.	0.7	2
2407	Systematic evaluation of head motion on resting-state functional connectivity MRI in the neonate. <i>Human Brain Mapping</i> , 0, , .	1.9	1
2408	Reduced numerical density of oligodendrocytes and oligodendrocyte clusters in the head of the caudate nucleus in schizophrenia. <i>Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova</i> , 2023, 123, 103.	0.1	0
2410	Protocol for Brain Magnetic Resonance Imaging and Extraction of Imaging-Derived Phenotypes from the China Phenobank Project. <i>Phenomics</i> , 2023, 3, 642-656.	0.9	2
2411	The Rostral Zona Incerta: A Subcortical Integrative Hub and Potential Deep Brain Stimulation Target for Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2023, 93, 1010-1022.	0.7	9
2412	Prefrontal, parietal, and limbic condition-dependent differences in bipolar disorder: a large-scale meta-analysis of functional neuroimaging studies. <i>Molecular Psychiatry</i> , 2023, 28, 2826-2838.	4.1	5
2413	The effects of AQP4 rs162009 on resting-state brain activity in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 2645-2655.	1.9	5
2414	Frequency-resolved connectome alterations in major depressive disorder: A multisite resting fMRI study. <i>Journal of Affective Disorders</i> , 2023, 328, 47-57.	2.0	0
2417	IMOVE: Protocol for a randomized, controlled 2x2 factorial trial of improvisational movement and social engagement interventions in older adults with early Alzheimer's disease. <i>Contemporary Clinical Trials Communications</i> , 2023, 32, 101073.	0.5	0
2418	High-speed fluorescence molecular tomography reconstructions through a sparsity constrained neural network. , 2023, , .		0
2419	Network neurosurgery. <i>Chinese Neurosurgical Journal</i> , 2023, 9, .	0.3	0
2421	Neutrophil-to-Lymphocyte Ratio Amplifies the Effects of Aging on Decrements in Grip Strength and Its Functional Neural Underpinnings. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 882-889.	1.7	4

#	ARTICLE	IF	CITATIONS
2422	Neuronal SIRT3 Deletion Predisposes to Female-Specific Alterations in Cellular Metabolism, Memory, and Network Excitability. <i>Journal of Neuroscience</i> , 2023, 43, 1845-1857.	1.7	2
2423	A brief sketch across multiscale and comparative neuroanatomical features. <i>Frontiers in Neuroanatomy</i> , 0, 17, .	0.9	0
2425	Revealing the Central Mechanism of Acupuncture for Primary Dysmenorrhea Based on Neuroimaging: A Narrative Review. <i>Pain Research and Management</i> , 2023, 2023, 1-8.	0.7	4
2426	Functional and structural alterations as diagnostic imaging markers for depression in de novo Parkinson's disease. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
2427	Default mode network failure and neurodegeneration across aging and amnesic and dysexecutive Alzheimer's disease. <i>Brain Communications</i> , 2023, 5, .	1.5	5
2428	Neuronal Cultures: Exploring Biophysics, Complex Systems, and Medicine in a Dish. <i>Biophysica</i> , 2023, 3, 181-202.	0.6	5
2429	Multimodality neuroimaging in vascular mild cognitive impairment: A narrative review of current evidence. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	0
2430	Altered Functional Connectivity Strength in Distinct Brain Networks of Children With Early-Onset Schizophrenia. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 58, 1617-1623.	1.9	0
2431	The role of the salience network in cognitive and affective deficits. <i>Frontiers in Human Neuroscience</i> , 0, 17, .	1.0	14
2432	THE ROLE OF THE SALIENCE NETWORK AND THE DEFAULT MODE NETWORK IN SECOND LANGUAGE LEARNING. , 2023, 2, 10-29.		0
2433	Flight training changes the brain functional pattern in cadets. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	2
2436	Identifying individuals with attention-deficit/hyperactivity disorder based on multisite resting-state functional magnetic resonance imaging: A radiomics analysis. <i>Human Brain Mapping</i> , 2023, 44, 3433-3445.	1.9	4
2437	Brain-wide network analysis of resting-state neuromagnetic data. <i>Human Brain Mapping</i> , 2023, 44, 3519-3540.	1.9	1
2438	Functional and structural brain network development in children with attention deficit hyperactivity disorder. <i>Human Brain Mapping</i> , 2023, 44, 3394-3409.	1.9	7
2440	Reproducible Abnormalities and Diagnostic Generalizability of White Matter in Alzheimer's Disease. <i>Neuroscience Bulletin</i> , 2023, 39, 1533-1543.	1.5	1
2441	Naoinan capsules protect brain function and structure in patients with vascular cognitive impairment. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
2442	Cerebral Neural Changes in Venous Arterial Extracorporeal Membrane Oxygenation Survivors. <i>Brain Sciences</i> , 2023, 13, 630.	1.1	1
2443	Aberrant voxel-based degree centrality and functional connectivity in Parkinson's disease patients with fatigue. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 2680-2689.	1.9	2

#	ARTICLE	IF	CITATIONS
2444	Comprehensive evaluation of harmonization on functional brain imaging for multisite data-fusion. <i>NeuroImage</i> , 2023, 274, 120089.	2.1	3
2445	Abnormalities of Regional Brain Activity in Patients With Schizophrenia: A Longitudinal Resting-State fMRI Study. <i>Schizophrenia Bulletin</i> , 2023, 49, 1336-1344.	2.3	2
2446	Episodic Memory formation: A review of complex Hippocampus input pathways. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 126, 110757.	2.5	3
2452	Functional Connectivity MR Imaging. , 2023, , 521-541.		0
2472	Hubs and rich clubs. , 2023, , 123-147.		0
2473	Connectome analysis and psychiatric disorders. , 2023, , 423-432.		0
2475	Network nodes in the brain. , 2023, , 71-105.		0
2476	Resting state fMRI connectivity mapping across species: Challenges and opportunities. , 2023, , 21-57.		1
2477	Brain networks atlases. , 2023, , 59-85.		0
2490	Connectome-based modelling of neurodegenerative diseases: towards precision medicine and mechanistic insight. <i>Nature Reviews Neuroscience</i> , 2023, 24, 620-639.	4.9	9
2507	The Multivariate Transformer Network for Mild Cognitive Impairment Identification. , 2023, , .		0
2512	Spatiotemporal Hub Identification in Brain Network by Learning Dynamic Graph Embedding on Grassmannian Manifold. <i>Lecture Notes in Computer Science</i> , 2023, , 394-402.	1.0	0
2539	Mapping and comparing fMRI connectivity networks across species. <i>Communications Biology</i> , 2023, 6, .	2.0	0
2563	Exploring Hierarchical Changes in Functional Brain Network Hubs Through Brain-Activity Prediction with Convolutional Neural Networks. , 2023, , .		0