Yong He

List of Publications by Citations

188 papers	12,208 citations	57 h-index	107 g-index
210 ext. papers	15,917 ext. citations	5.1 avg, IF	6.77 L-index

#	Paper	IF	Citations
188	BrainNet Viewer: a network visualization tool for human brain connectomics. *PLoS ONE*, **2013**, 8, e68910	3.7	1913
187	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. *Frontiers in Human Neuroscience*, **2015**, 9, 386	3.3	468
186	Coupling of functional connectivity and regional cerebral blood flow reveals a physiological basis for network hubs of the human brain. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 1929-34	11.5	436
185	PANDA: a pipeline toolbox for analyzing brain diffusion images. *Frontiers in Human Neuroscience*, **2013**, 7, 42	3.3	387
184	Toward reliable characterization of functional homogeneity in the human brain: preprocessing, scan duration, imaging resolution and computational space. *NeuroImage*, **2013**, 65, 374-86	7.9	325
183	Disrupted functional brain connectome in individuals at risk for Alzheimer's disease. *Biological Psychiatry*, **2013**, 73, 472-81	7.9	293
182	Depression, neuroimaging and connectomics: a selective overview. *Biological Psychiatry*, **2015**, 77, 223-235	7.9	279
181	Topological organization of the human brain functional connectome across the lifespan. *Developmental Cognitive Neuroscience*, **2014**, 7, 76-93	5.5	261
180	An open science resource for establishing reliability and reproducibility in functional connectomics. *Scientific Data*, **2014**, 1, 140049	8.2	247
179	Topologically convergent and divergent structural connectivity patterns between patients with remitted geriatric depression and amnestic mild cognitive impairment. *Journal of Neuroscience*, **2012**, 32, 4307-18	6.6	239
178	Convergence and divergence of thickness correlations with diffusion connections across the human cerebral cortex. *NeuroImage*, **2012**, 59, 1239-48	7.9	232
177	Discriminative analysis of early Alzheimer's disease using multi-modal imaging and multi-level characterization with multi-classifier (M3). *NeuroImage*, **2012**, 59, 2187-95	7.9	203
176	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. *Cerebral Cortex*, **2015**, 25, 3723-42	5.1	184
175	Assessment of system dysfunction in the brain through MRI-based connectomics. *Lancet Neurology, The*, **2013**, 12, 1189-99	24.1	155
174	Overlapping and segregated resting-state functional connectivity in patients with major depressive disorder with and without childhood neglect. *Human Brain Mapping*, **2014**, 35, 1154-66	5.9	151
173	Small-world human brain networks: Perspectives and challenges. *Neuroscience and Biobehavioral Reviews*, **2017**, 77, 286-300	9	146
172	Topologically Reorganized Connectivity Architecture of Default-Mode, Executive-Control, and Salience Networks across Working Memory Task Loads. *Cerebral Cortex*, **2016**, 26, 1501-1511	5.1	143

171	Probabilistic diffusion tractography and graph theory analysis reveal abnormal white matter structural connectivity networks in drug-naive boys with attention deficit/hyperactivity disorder. *Journal of Neuroscience*, **2013**, 33, 10676-87	6.6	140
170	Functional brain hubs and their test-retest reliability: a multiband resting-state functional MRI study. *NeuroImage*, **2013**, 83, 969-82	7.9	135
169	Developmental Connectomics from Infancy through Early Childhood. *Trends in Neurosciences*, **2017**, 40, 494-506	13.3	133
168	Age-related changes in topological organization of structural brain networks in healthy individuals. *Human Brain Mapping*, **2012**, 33, 552-68	5.9	128
167	Effects of different correlation metrics and preprocessing factors on small-world brain functional networks: a resting-state functional MRI study. *PLoS ONE*, **2012**, 7, e32766	3.7	128
166	Addressing head motion dependencies for small-world topologies in functional connectomics. *Frontiers in Human Neuroscience*, **2013**, 7, 910	3.3	125
165	Development of human brain structural networks through infancy and childhood. *Cerebral Cortex*, **2015**, 25, 1389-404	5.1	118
164	The effects of antidepressant treatment on resting-state functional brain networks in patients with major depressive disorder. *Human Brain Mapping*, **2015**, 36, 768-78	5.9	116
163	Understanding structural-functional relationships in the human brain: a large-scale network perspective. *Neuroscientist*, **2015**, 21, 290-305	7.6	113
162	The effects of pharmacological treatment on functional brain connectome in obsessive-compulsive disorder. *Biological Psychiatry*, **2014**, 75, 606-14	7.9	112
161	White matter structural connectivity underlying semantic processing: evidence from brain damaged patients. *Brain*, **2013**, 136, 2952-65	11.2	110
160	Toward systems neuroscience in mild cognitive impairment and Alzheimer's disease: a meta-analysis of 75 fMRI studies. *Human Brain Mapping*, **2015**, 36, 1217-32	5.9	103
159	Common Dysfunction of Large-Scale Neurocognitive Networks Across Psychiatric Disorders. *Biological Psychiatry*, **2019**, 85, 379-388	7.9	103
158	Chronnectome fingerprinting: Identifying individuals and predicting higher cognitive functions using dynamic brain connectivity patterns. *Human Brain Mapping*, **2018**, 39, 902-915	5.9	103
157	Age-related changes in the topological organization of the white matter structural connectome across the human lifespan. *Human Brain Mapping*, **2015**, 36, 3777-92	5.9	101
156	Topological organization of functional brain networks in healthy children: differences in relation to age, sex, and intelligence. *PLoS ONE*, **2013**, 8, e55347	3.7	100
155	Imaging functional and structural brain connectomics in attention-deficit/hyperactivity disorder. *Molecular Neurobiology*, **2014**, 50, 1111-23	6.2	98
154	Disrupted structural and functional brain connectomes in mild cognitive impairment and Alzheimer's disease. *Neuroscience Bulletin*, **2014**, 30, 217-32	4.3	95

135	Apolipoprotein E ε4 modulates functional brain connectome in Alzheimer's disease. *Human Brain Mapping*, **2015**, 36, 1828-46	5.9	58
134	Brain anatomical networks in world class gymnasts: a DTI tractography study. *NeuroImage*, **2013**, 65, 476-87	7.9	58
133	Test-retest reliability of graph metrics in functional brain networks: a resting-state fNIRS study. *PLoS ONE*, **2013**, 8, e72425	3.7	57
132	Subjective Cognitive Decline: Mapping Functional and Structural Brain Changes-A Combined Resting-State Functional and Structural MR Imaging Study. *Radiology*, **2016**, 281, 185-92	20.5	56
131	Disrupted structural and functional brain networks in Alzheimer's disease. *Neurobiology of Aging*, **2019**, 75, 71-82	5.6	56
130	Individual differences and time-varying features of modular brain architecture. *NeuroImage*, **2017**, 152, 94-107	7.9	55
129	Resting-state functional brain connectivity: lessons from functional near-infrared spectroscopy. *Neuroscientist*, **2014**, 20, 173-88	7.6	53
128	Abnormal changes of multidimensional surface features using multivariate pattern classification in amnestic mild cognitive impairment patients. *Journal of Neuroscience*, **2014**, 34, 10541-53	6.6	48
127	Where color rests: spontaneous brain activity of bilateral fusiform and lingual regions predicts object color knowledge performance. *NeuroImage*, **2013**, 76, 252-63	7.9	48
126	Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. *Brain Structure and Function*, **2015**, 220, 745-62	4	47
125	Function and structure of human left fusiform cortex are closely associated with perceptual learning of faces. *Current Biology*, **2014**, 24, 222-227	6.3	47
124	Functional connectomics from a "big data" perspective. *NeuroImage*, **2017**, 160, 152-167	7.9	45
123	Neurobiological Commonalities and Distinctions Among Three Major Psychiatric Diagnostic Categories: A Structural MRI Study. *Schizophrenia Bulletin*, **2018**, 44, 65-74	1.3	45
122	Spontaneous functional network dynamics and associated structural substrates in the human brain. *Frontiers in Human Neuroscience*, **2015**, 9, 478	3.3	44
121	Dopamine precursor depletion impairs structure and efficiency of resting state brain functional networks. *Neuropharmacology*, **2014**, 84, 90-100	5.5	41
120	Sensitive period for white-matter connectivity of superior temporal cortex in deaf people. *Human Brain Mapping*, **2012**, 33, 349-59	5.9	41
119	Whole brain white matter changes revealed by multiple diffusion metrics in multiple sclerosis: a TBSS study. *European Journal of Radiology*, **2012**, 81, 2826-32	4.7	39
118	Alterations in regional homogeneity of spontaneous brain activity in late-life subthreshold depression. *PLoS ONE*, **2013**, 8, e53148	3.7	39

117	Mapping intrinsic functional brain changes and repetitive transcranial magnetic stimulation neuromodulation in idiopathic restless legs syndrome: a resting-state functional magnetic resonance imaging study. *Sleep Medicine*, **2015**, 16, 785-91	4.6	38
116	Convergence and divergence across construction methods for human brain white matter networks: an assessment based on individual differences. *Human Brain Mapping*, **2015**, 36, 1995-2013	5.9	37
115	Graph theoretical modeling of baby brain networks. *NeuroImage*, **2019**, 185, 711-727	7.9	36
114	Network analysis reveals disrupted functional brain circuitry in drug-naive social anxiety disorder. *NeuroImage*, **2019**, 190, 213-223	7.9	36
113	Reproducibility of functional brain alterations in major depressive disorder: Evidence from a multisite resting-state functional MRI study with 1,434 individuals. *NeuroImage*, **2019**, 189, 700-714	7.9	35
112	Distinct regions of right temporal cortex are associated with biological and human-agent motion: functional magnetic resonance imaging and neuropsychological evidence. *Journal of Neuroscience*, **2013**, 33, 15442-53	6.6	35
111	Autoantibody to MOG suggests two distinct clinical subtypes of NMOSD. *Science China Life Sciences*, **2016**, 59, 1270-1281	8.5	32
110	Abnormal baseline brain activity in drug-naïve patients with Tourette syndrome: a resting-state fMRI study. *Frontiers in Human Neuroscience*, **2014**, 7, 913	3.3	32
109	The Rich-Club Organization in Rat Functional Brain Network to Balance Between Communication Cost and Efficiency. *Cerebral Cortex*, **2018**, 28, 924-935	5.1	31
108	Altered topological organization of white matter structural networks in patients with neuromyelitis optica. *PLoS ONE*, **2012**, 7, e48846	3.7	31
107	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. *Cerebral Cortex*, **2017**, 27, 5496-5508	5.1	30
106	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. *Scientific Data*, **2015**, 2, 150056	8.2	30
105	Altered small-world efficiency of brain functional networks in acupuncture at ST36: a functional MRI study. *PLoS ONE*, **2012**, 7, e39342	3.7	30
104	Developmental Changes in Topological Asymmetry Between Hemispheric Brain White Matter Networks from Adolescence to Young Adulthood. *Cerebral Cortex*, **2017**, 27, 2560-2570	5.1	30
103	Meta-Connectomic Analysis Reveals Commonly Disrupted Functional Architectures in Network Modules and Connectors across Brain Disorders. *Cerebral Cortex*, **2018**, 28, 4179-4194	5.1	29
102	Shared and Distinct Functional Architectures of Brain Networks Across Psychiatric Disorders. *Schizophrenia Bulletin*, **2019**, 45, 450-463	1.3	29
101	The white matter structural network underlying human tool use and tool understanding. *Journal of Neuroscience*, **2015**, 35, 6822-35	6.6	28
100	Exploring brain functional plasticity in world class gymnasts: a network analysis. *Brain Structure and Function*, **2016**, 221, 3503-19	4	28

99	Dynamic functional connectivity revealed by resting-state functional near-infrared spectroscopy. *Biomedical Optics Express*, **2015**, 6, 2337-52	3.5	27
98	Abnormal dynamic functional connectivity of amygdalar subregions in untreated patients with first-episode major depressive disorder. *Journal of Psychiatry and Neuroscience*, **2018**, 43, 262-272	4.5	27
97	Reorganization of cerebro-cerebellar circuit in patients with left hemispheric gliomas involving language network: A combined structural and resting-state functional MRI study. *Human Brain Mapping*, **2018**, 39, 4802-4819	5.9	26
96	Altered Functional Connectivity of Insular Subregions in Alzheimer's Disease. *Frontiers in Aging Neuroscience*, **2018**, 10, 107	5.3	26
95	Cortical thinning correlates with cognitive change in multiple sclerosis but not in neuromyelitis optica. *European Radiology*, **2014**, 24, 2334-43	8	26
94	The semantic anatomical network: Evidence from healthy and brain-damaged patient populations. *Human Brain Mapping*, **2015**, 36, 3499-515	5.9	26
93	The effects of 7-week cognitive training in patients with vascular cognitive impairment, no dementia (the Cog-VACCINE study): A randomized controlled trial. *Alzheimers and Dementia*, **2019**, 15, 605-614	1.2	25
92	A Tri-network Model of Human Semantic Processing. *Frontiers in Psychology*, **2017**, 8, 1538	3.4	24
91	Regional homogeneity changes in amnestic mild cognitive impairment patients. *Neuroscience Letters*, **2016**, 629, 1-8	3.3	23
90	Apolipoprotein E ε4 Modulates Cognitive Profiles, Hippocampal Volume, and Resting-State Functional Connectivity in Alzheimer's Disease. *Journal of Alzheimers Disease*, **2015**, 45, 781-95	4.3	23
89	Structural and functional brain changes in the default mode network in subtypes of amnestic mild cognitive impairment. *Journal of Geriatric Psychiatry and Neurology*, **2014**, 27, 188-98	3.8	23
88	Unbiased age-specific structural brain atlases for Chinese pediatric population. *NeuroImage*, **2019**, 189, 55-70	7.9	23
87	Regional excitation-inhibition balance predicts default-mode network deactivation via functional connectivity. *NeuroImage*, **2019**, 185, 388-397	7.9	23
86	Topological analyses of functional connectomics: A crucial role of global signal removal, brain parcellation, and null models. *Human Brain Mapping*, **2018**, 39, 4545-4564	5.9	22
85	Disrupted Regional Cerebral Blood Flow, Functional Activity and Connectivity in Alzheimer's Disease: A Combined ASL Perfusion and Resting State fMRI Study. *Frontiers in Neuroscience*, **2019**, 13, 738	5.1	22
84	Convergence and Divergence of Brain Network Dysfunction in Deficit and Non-deficit Schizophrenia. *Schizophrenia Bulletin*, **2017**, 43, 1315-1328	1.3	22
83	Differences of inter-tract correlations between neonates and children around puberty: a study based on microstructural measurements with DTI. *Frontiers in Human Neuroscience*, **2013**, 7, 721	3.3	22
82	Transdiagnostic Dysfunctions in Brain Modules Across Patients with Schizophrenia, Bipolar Disorder, and Major Depressive Disorder: A Connectome-Based Study. *Schizophrenia Bulletin*, **2020**, 46, 699-712	1.3	22

81	Test-retest reliability of diffusion measures in cerebral white matter: A multiband diffusion MRI study. *Journal of Magnetic Resonance Imaging*, **2015**, 42, 1106-16	5.6	21
80	Connectomics in psychiatric research: advances and applications. *Neuropsychiatric Disease and Treatment*, **2015**, 11, 2801-10	3.1	21
79	Disrupted Brain Network Hubs in Subtype-Specific Parkinson's Disease. *European Neurology*, **2017**, 78, 200-209	2.1	20
78	Differentially disrupted functional connectivity in posteromedial cortical subregions in Alzheimer's disease. *Journal of Alzheimers Disease*, **2014**, 39, 527-43	4.3	20
77	Development and Emergence of Individual Variability in the Functional Connectivity Architecture of the Preterm Human Brain. *Cerebral Cortex*, **2019**, 29, 4208-4222	5.1	20
76	Development of the default-mode network during childhood and adolescence: A longitudinal resting-state fMRI study. *NeuroImage*, **2021**, 226, 117581	7.9	20
75	Pontine infarction: diffusion-tensor imaging of motor pathways-a longitudinal study. *Radiology*, **2015**, 274, 841-50	20.5	19
74	Dynamic brain architectures in local brain activity and functional network efficiency associate with efficient reading in bilinguals. *NeuroImage*, **2015**, 119, 103-18	7.9	19
73	A hybrid CPU-GPU accelerated framework for fast mapping of high-resolution human brain connectome. *PLoS ONE*, **2013**, 8, e62789	3.7	19
72	Abnormal topological organization in white matter structural networks revealed by diffusion tensor tractography in unmedicated patients with obsessive-compulsive disorder. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2014**, 51, 39-50	5.5	18
71	Resting-state functional connectivity patterns predict Chinese word reading competency. *PLoS ONE*, **2012**, 7, e44848	3.7	18
70	Test-retest reliability of white matter structural brain networks: a multiband diffusion MRI study. *Frontiers in Human Neuroscience*, **2015**, 9, 59	3.3	17
69	Trait-Related Cortical-Subcortical Dissociation in Bipolar Disorder: Analysis of Network Degree Centrality. *Journal of Clinical Psychiatry*, **2017**, 78, 584-591	4.6	17
68	Cortical Thickness and Microstructural White Matter Changes Detect Amnestic Mild Cognitive Impairment. *Journal of Alzheimers Disease*, **2017**, 56, 415-428	4.3	16
67	JDINAC: joint density-based non-parametric differential interaction network analysis and classification using high-dimensional sparse omics data. *Bioinformatics*, **2017**, 33, 3080-3087	7.2	15
66	Representing object categories by connections: Evidence from a mutivariate connectivity pattern classification approach. *Human Brain Mapping*, **2016**, 37, 3685-97	5.9	15
65	Alterations of cerebral perfusion and functional brain connectivity in medication-naïve male adults with attention-deficit/hyperactivity disorder. *CNS Neuroscience and Therapeutics*, **2020**, 26, 197-206	6.8	15
64	ZNF804A variants confer risk for heroin addiction and affect decision making and gray matter volume in heroin abusers. *Addiction Biology*, **2016**, 21, 657-66	4.6	14

63	Disrupted white matter structural connectivity in heroin abusers. *Addiction Biology*, **2017**, 22, 184-195	4.6	14
62	Aberrant white matter networks mediate cognitive impairment in patients with silent lacunar infarcts in basal ganglia territory. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 1426-34	7.3	14
61	Cortisol awakening response predicts intrinsic functional connectivity of the medial prefrontal cortex in the afternoon of the same day. *NeuroImage*, **2015**, 122, 158-65	7.9	14
60	Effective network of deep brain stimulation of subthalamic nucleus with bimodal positron emission tomography/functional magnetic resonance imaging in Parkinson's disease. *CNS Neuroscience and Therapeutics*, **2018**, 24, 135-143	6.8	14
59	Identifying topological motif patterns of human brain functional networks. *Human Brain Mapping*, **2017**, 38, 2734-2750	5.9	13
58	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnestic Mild Cognitive Impairment. *Scientific Reports*, **2017**, 7, 397	4.9	13
57	Brain hubs in lesion models: Predicting functional network topology with lesion patterns in patients. *Scientific Reports*, **2017**, 7, 17908	4.9	13
56	Sex differences in intrinsic brain functional connectivity underlying human shyness. *Social Cognitive and Affective Neuroscience*, **2015**, 10, 1634-43	4	13
55	Altered local activity and functional connectivity of the anterior cingulate cortex in elderly individuals with subthreshold depression. *Psychiatry Research - Neuroimaging*, **2014**, 222, 29-36	2.9	12
54	Erratum to "Altered baseline brain activity in children with ADHD revealed by resting-state functional MRI" [Brain Develop 29 (2) (2007) 83–91]. *Brain and Development*, **2012**, 34, 336	2.2	12
53	Dynamic changes of functional segregation and integration in vulnerability and resilience to schizophrenia. *Human Brain Mapping*, **2019**, 40, 2200-2211	5.9	12
52	Reliability and Individual Specificity of EEG Microstate Characteristics. *Brain Topography*, **2020**, 33, 438-449	4.3	11
51	Whole brain functional connectivity in clinically isolated syndrome without conventional brain MRI lesions. *European Radiology*, **2016**, 26, 2982-91	8	11
50	Regional Homogeneity of Resting-State Brain Activity Suppresses the Effect of Dopamine-Related Genes on Sensory Processing Sensitivity. *PLoS ONE*, **2015**, 10, e0133143	3.7	11
49	A Machine Learning Method for Identifying Critical Interactions Between Gene Pairs in Alzheimer's Disease Prediction. *Frontiers in Neurology*, **2019**, 10, 1162	4.1	11
48	White Matter Deficits Underlying the Impaired Consciousness Level in Patients with Disorders of Consciousness. *Neuroscience Bulletin*, **2018**, 34, 668-678	4.3	10
47	Dissociable intrinsic functional networks support noun-object and verb-action processing. *Brain and Language*, **2017**, 175, 29-41	2.9	10
46	The impact of sampling density upon cortical network analysis: regions or points. *Magnetic Resonance Imaging*, **2012**, 30, 978-92	3.3	10

45	Interaction Effects of and Genes on Resting-State Brain Activity and Working Memory. *Frontiers in Human Neuroscience*, **2016**, 10, 540	3.3	10
44	A shared effect of paroxetine treatment on gray matter volume in depressive patients with and without childhood maltreatment: A voxel-based morphometry study. *CNS Neuroscience and Therapeutics*, **2018**, 24, 1073-1083	6.8	10
43	The Effects of X Chromosome Loss on Neuroanatomical and Cognitive Phenotypes During Adolescence: a Multi-modal Structural MRI and Diffusion Tensor Imaging Study. *Cerebral Cortex*, **2015**, 25, 2842-53	5.1	9
42	Differentially categorized structural brain hubs are involved in different microstructural, functional, and cognitive characteristics and contribute to individual identification. *Human Brain Mapping*, **2018**, 39, 1647-1663	5.9	9
41	Sculpting the Intrinsic Modular Organization of Spontaneous Brain Activity by Art. *PLoS ONE*, **2013**, 8, e66761	3.7	9
40	Abnormal global functional network connectivity and its relationship to medial temporal atrophy in patients with amnestic mild cognitive impairment. *PLoS ONE*, **2017**, 12, e0179823	3.7	9
39	The spatial organization of the chronnectome associates with cortical hierarchy and transcriptional profiles in the human brain. *NeuroImage*, **2020**, 222, 117296	7.9	9
38	PAGANI Toolkit: Parallel graph-theoretical analysis package for brain network big data. *Human Brain Mapping*, **2018**, 39, 1869-1885	5.9	8
37	Connectomics reveals faulty wiring patterns for depressed brain. *Biological Psychiatry*, **2014**, 76, 515-6	7.9	8
36	White-Matter Structural Connectivity Underlying Human Laughter-Related Traits Processing. *Frontiers in Psychology*, **2016**, 7, 1637	3.4	8
35	Mapping Convergent and Divergent Cortical Thinning Patterns in Patients With Deficit and Nondeficit Schizophrenia. *Schizophrenia Bulletin*, **2019**, 45, 211-221	1.3	8
34	High dimensional Gaussian copula graphical model with FDR control. *Computational Statistics and Data Analysis*, **2017**, 113, 457-474	1.6	7
33	The effects of cognitive behavioral therapy on the whole brain structural connectome in unmedicated patients with obsessive-compulsive disorder. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2021**, 104, 110037	5.5	7
32	Discriminant analysis on high dimensional Gaussian copula model. *Statistics and Probability Letters*, **2016**, 117, 100-112	0.6	6
31	Magnetic resonance imaging of healthy and diseased brain networks. *Frontiers in Human Neuroscience*, **2014**, 8, 890	3.3	6
30	Long-Term Experience of Chinese Calligraphic Handwriting Is Associated with Better Executive Functions and Stronger Resting-State Functional Connectivity in Related Brain Regions. *PLoS ONE*, **2017**, 12, e0170660	3.7	6
29	Connectomic Insights into Topologically Centralized Network Edges and Relevant Motifs in the Human Brain. *Frontiers in Human Neuroscience*, **2016**, 10, 158	3.3	6
28	Robust feature screening for elliptical copula regression model. *Journal of Multivariate Analysis*, **2019**, 173, 568-582	1.4	5

27	Anomalous gray matter structural networks in recent onset post-traumatic stress disorder. *Brain Imaging and Behavior*, **2018**, 12, 390-401	4.1	5
26	Increased global and local efficiency of human brain anatomical networks detected with FLAIR-DTI compared to non-FLAIR-DTI. *PLoS ONE*, **2013**, 8, e71229	3.7	5
25	Long-term Chinese calligraphic handwriting reshapes the posterior cingulate cortex: A VBM study. *PLoS ONE*, **2019**, 14, e0214917	3.7	4
24	A Large-Scale High-Density Weighted Structural Connectome of the Macaque Brain Acquired by Predicting Missing Links. *Cerebral Cortex*, **2020**, 30, 4771-4789	5.1	4
23	Variable selection for high dimensional Gaussian copula regression model: An adaptive hypothesis testing procedure. *Computational Statistics and Data Analysis*, **2018**, 124, 132-150	1.6	4
22	Individual Uniqueness in the Neonatal Functional Connectome. *Cerebral Cortex*, **2021**, 31, 3701-3712	5.1	4
21	Effects of apolipoprotein E genotype on the off-line memory consolidation. *PLoS ONE*, **2012**, 7, e51617	3.7	3
20	A new insight into underlying disease mechanism through semi-parametric latent differential network model. *BMC Bioinformatics*, **2018**, 19, 493	3.6	3
19	White-Matter Structural Connectivity in Relation to Humor Styles: An Exploratory Study. *Frontiers in Psychology*, **2018**, 9, 1654	3.4	3
18	A large-scale structural and functional connectome of social mentalizing. *NeuroImage*, **2021**, 236, 118115	7.9	3
17	The relationship between voxel-based metrics of resting state functional connectivity and cognitive performance in cognitively healthy elderly adults. *Brain Imaging and Behavior*, **2018**, 12, 1742-1758	4.1	2
16	Mapping Domain- and Age-Specific Functional Brain Activity for Children's Cognitive and Affective Development. *Neuroscience Bulletin*, **2021**, 37, 763-776	4.3	2
15	The coupling of BOLD signal variability and degree centrality underlies cognitive functions and psychiatric diseases. *NeuroImage*, **2021**, 237, 118187	7.9	2
14	Alterations in Connectome Dynamics in Autism Spectrum Disorder: A Harmonized Mega- and Meta-analysis Study Using the Autism Brain Imaging Data Exchange Dataset.. *Biological Psychiatry*, **2021**,	7.9	2
13	Joint estimation of multiple high-dimensional Gaussian copula graphical models. *Australian and New Zealand Journal of Statistics*, **2017**, 59, 289-310	0.7	1
12	Advances on Alzheimer?s Disease With Neuroimaging*. *Progress in Biochemistry and Biophysics*, **2012**, 39, 811-815		1
11	Robust covariance estimation for high-dimensional compositional data with application to microbial communities analysis. *Statistics in Medicine*, **2021**, 40, 3499-3515	2.3	1
10	Disrupted Intersubject Variability Architecture in Functional Connectomes in Schizophrenia. *Schizophrenia Bulletin*, **2021**, 47, 837-848	1.3	1

9	Data-adaptive test for high-dimensional multivariate analysis of variance problem. *Australian and New Zealand Journal of Statistics*, **2018**, 60, 447-470	0.7	1
8	Functional magnetic resonance imaging research in China. *CNS Neuroscience and Therapeutics*, **2021**, 27, 1259-1267	6.8	1
7	Long-term Chinese calligraphic handwriting training has a positive effect on brain network efficiency. *PLoS ONE*, **2019**, 14, e0210962	3.7	0
6	Frequency-Resolved Connectome Hubs and Their Test-Retest Reliability in the Resting Human Brain.. *Neuroscience Bulletin*, **2022**, 1	4.3	0
5	High-dimensional integrative copula discriminant analysis for multiomics data. *Statistics in Medicine*, **2020**, 39, 4869-4884	2.3	0
4	The SACT Template: A Human Brain Diffusion Tensor Template for School-age Children.. *Neuroscience Bulletin*, **2022**, 1	4.3	
3	High-dimensional two-sample precision matrices test: an adaptive approach through multiplier bootstrap. *Statistics and Its Interface*, **2020**, 13, 37-48	0.4	
2	Study on Crisis Information System in the Students Unexpected Incidents. *Lecture Notes in Electrical Engineering*, **2014**, 199-204	0.2	
1	Robust feature screening for multi-response trans-elliptical regression model with ultrahigh-dimensional covariates. *Random Matrices: Theory and Application*, **2020**, 09, 2150001	0.6	