

Tianzi Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

442
papers

28,264
citations

7069

78
h-index

8138

148
g-index

465
all docs

465
docs citations

465
times ranked

25917
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional homogeneity approach to fMRI data analysis. <i>NeuroImage</i> , 2004, 22, 394-400.	2.1	2,055
2	The Human Brainnetome Atlas: A New Brain Atlas Based on Connectional Architecture. <i>Cerebral Cortex</i> , 2016, 26, 3508-3526.	1.6	1,962
3	Disrupted small-world networks in schizophrenia. <i>Brain</i> , 2008, 131, 945-961.	3.7	944
4	HMDD v2.0: a database for experimentally supported human microRNA and disease associations. <i>Nucleic Acids Research</i> , 2014, 42, D1070-D1074.	6.5	845
5	Changes in hippocampal connectivity in the early stages of Alzheimer's disease: Evidence from resting state fMRI. <i>NeuroImage</i> , 2006, 31, 496-504.	2.1	742
6	Altered functional connectivity in early Alzheimer's disease: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2007, 28, 967-978.	1.9	653
7	Brain Anatomical Network and Intelligence. <i>PLoS Computational Biology</i> , 2009, 5, e1000395.	1.5	544
8	Regional coherence changes in the early stages of Alzheimer's disease: A combined structural and resting-state functional MRI study. <i>NeuroImage</i> , 2007, 35, 488-500.	2.1	504
9	Hippocampal volume and asymmetry in mild cognitive impairment and Alzheimer's disease: Meta-analyses of MRI studies. <i>Hippocampus</i> , 2009, 19, 1055-1064.	0.9	390
10	Abnormal Cortical Networks in Mild Cognitive Impairment and Alzheimer's Disease. <i>PLoS Computational Biology</i> , 2010, 6, e1001006.	1.5	390
11	Functional disintegration in paranoid schizophrenia using resting-state fMRI. <i>Schizophrenia Research</i> , 2007, 97, 194-205.	1.1	384
12	Widespread functional disconnectivity in schizophrenia with resting-state functional magnetic resonance imaging. <i>NeuroReport</i> , 2006, 17, 209-213.	0.6	381
13	Altered resting-state functional connectivity patterns of anterior cingulate cortex in adolescents with attention deficit hyperactivity disorder. <i>Neuroscience Letters</i> , 2006, 400, 39-43.	1.0	366
14	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	2.4	349
15	Subregions of the human superior frontal gyrus and their connections. <i>NeuroImage</i> , 2013, 78, 46-58.	2.1	333
16	Brain spontaneous functional connectivity and intelligence. <i>NeuroImage</i> , 2008, 41, 1168-1176.	2.1	301
17	Altered resting-state functional connectivity and anatomical connectivity of hippocampus in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 120-132.	1.1	289
18	Functional dysconnectivity of the dorsolateral prefrontal cortex in first-episode schizophrenia using resting-state fMRI. <i>Neuroscience Letters</i> , 2007, 417, 297-302.	1.0	286

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19	Whole brain functional connectivity in the early blind. <i>Brain</i> , 2007, 130, 2085-2096.	3.7	241
20	Decreased regional homogeneity in schizophrenia: a resting state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2006, 17, 19-22.	0.6	237
21	Regional homogeneity, functional connectivity and imaging markers of Alzheimer's disease: A review of resting-state fMRI studies. <i>Neuropsychologia</i> , 2008, 46, 1648-1656.	0.7	229
22	A modified Gabor filter design method for fingerprint image enhancement. <i>Pattern Recognition Letters</i> , 2003, 24, 1805-1817.	2.6	228
23	Altered spontaneous activity in Alzheimer's disease and mild cognitive impairment revealed by Regional Homogeneity. <i>NeuroImage</i> , 2012, 59, 1429-1440.	2.1	227
24	Identification of Conversion from Mild Cognitive Impairment to Alzheimer's Disease Using Multivariate Predictors. <i>PLoS ONE</i> , 2011, 6, e21896.	1.1	211
25	Resting-state functional connectivity of the vermal and hemispheric subregions of the cerebellum with both the cerebral cortical networks and subcortical structures. <i>NeuroImage</i> , 2012, 61, 1213-1225.	2.1	206
26	Impaired Long Distance Functional Connectivity and Weighted Network Architecture in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2014, 24, 1422-1435.	1.6	202
27	Increased neural resources recruitment in the intrinsic organization in major depression. <i>Journal of Affective Disorders</i> , 2010, 121, 220-230.	2.0	197
28	Modulation of functional connectivity during the resting state and the motor task. <i>Human Brain Mapping</i> , 2004, 22, 63-71.	1.9	194
29	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
30	Functional segregation of the human cingulate cortex is confirmed by functional connectivity based neuroanatomical parcellation. <i>NeuroImage</i> , 2011, 54, 2571-2581.	2.1	182
31	Thick Visual Cortex in the Early Blind. <i>Journal of Neuroscience</i> , 2009, 29, 2205-2211.	1.7	178
32	Abnormal salience network in normal aging and in amnesic mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 3446-3464.	1.9	176
33	Convergent functional architecture of the superior parietal lobule unraveled with multimodal neuroimaging approaches. <i>Human Brain Mapping</i> , 2015, 36, 238-257.	1.9	174
34	White Matter Abnormalities in First-Episode, Treatment-Naive Young Adults With Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2007, 164, 823-826.	4.0	162
35	Anatomical insights into disrupted small-world networks in schizophrenia. <i>NeuroImage</i> , 2012, 59, 1085-1093.	2.1	160
36	In Search of Multimodal Neuroimaging Biomarkers of Cognitive Deficits in Schizophrenia. <i>Biological Psychiatry</i> , 2015, 78, 794-804.	0.7	158

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37	Modeling Rett Syndrome Using TALEN-Edited MECP2 Mutant Cynomolgus Monkeys. <i>Cell</i> , 2017, 169, 945-955.e10.	13.5	158
38	Scalable and Dil-compatible optical clearance of the mammalian brain. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 19.	0.9	154
39	A neuroimaging biomarker for striatal dysfunction in schizophrenia. <i>Nature Medicine</i> , 2020, 26, 558-565.	15.2	152
40	Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. <i>NeuroImage</i> , 2020, 205, 116278.	2.1	151
41	Prefrontal cortex and the dysconnectivity hypothesis of schizophrenia. <i>Neuroscience Bulletin</i> , 2015, 31, 207-219.	1.5	143
42	Asymmetry analysis of cingulum based on scale-invariant parameterization by diffusion tensor imaging. <i>Human Brain Mapping</i> , 2005, 24, 92-98.	1.9	140
43	Neural mechanism of intertemporal choice: From discounting future gains to future losses. <i>Brain Research</i> , 2009, 1261, 65-74.	1.1	136
44	Abnormal topological organization of structural brain networks in schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 109-118.	1.1	135
45	Spontaneous Activity Associated with Primary Visual Cortex: A Resting-State fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 697-704.	1.6	132
46	White matter integrity of the whole brain is disrupted in first-episode schizophrenia. <i>NeuroReport</i> , 2006, 17, 23-26.	0.6	129
47	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018, 9, 3028.	5.8	127
48	Altered Anatomical Network in Early Blindness Revealed by Diffusion Tensor Tractography. <i>PLoS ONE</i> , 2009, 4, e7228.	1.1	127
49	Enhanced resting-state brain activities in ADHD patients: A fMRI study. <i>Brain and Development</i> , 2008, 30, 342-348.	0.6	125
50	Altered functional connectivity of primary visual cortex in early blindness. <i>Human Brain Mapping</i> , 2008, 29, 533-543.	1.9	123
51	Schizophrenic Patients and Their Unaffected Siblings Share Increased Resting-State Connectivity in the Task-Negative Network but Not Its Anticorrelated Task-Positive Network. <i>Schizophrenia Bulletin</i> , 2012, 38, 285-294.	2.3	116
52	Brainnetome: A new -ome to understand the brain and its disorders. <i>NeuroImage</i> , 2013, 80, 263-272.	2.1	116
53	Prefrontal white matter abnormalities in young adult with major depressive disorder: A diffusion tensor imaging study. <i>Brain Research</i> , 2007, 1168, 124-128.	1.1	115
54	Tractography-based Parcellation of the Human Middle Temporal Gyrus. <i>Scientific Reports</i> , 2016, 5, 18883.	1.6	115

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55	White matter tract integrity and intelligence in patients with mental retardation and healthy adults. <i>NeuroImage</i> , 2008, 40, 1533-1541.	2.1	111
56	Connectivity-Based Parcellation of the Human Temporal Pole Using Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2014, 24, 3365-3378.	1.6	110
57	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site fMRI data. <i>EBioMedicine</i> , 2019, 47, 543-552.	2.7	109
58	A combinational feature selection and ensemble neural network method for classification of gene expression data. <i>BMC Bioinformatics</i> , 2004, 5, 136.	1.2	107
59	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
60	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. <i>Journal of Affective Disorders</i> , 2016, 190, 483-493.	2.0	102
61	Local label learning (LLL) for subcortical structure segmentation: Application to hippocampus segmentation. <i>Human Brain Mapping</i> , 2014, 35, 2674-2697.	1.9	101
62	Abnormal baseline brain activity in posttraumatic stress disorder: A resting-state functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2011, 498, 185-189.	1.0	100
63	Connectivity-Based Parcellation of the Human Frontal Pole with Diffusion Tensor Imaging. <i>Journal of Neuroscience</i> , 2013, 33, 6782-6790.	1.7	100
64	Aberrant intra- and inter-network connectivity architectures in Alzheimer’s disease and mild cognitive impairment. <i>Scientific Reports</i> , 2015, 5, 14824.	1.6	99
65	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. <i>NeuroImage</i> , 2017, 145, 218-229.	2.1	95
66	Region growing method for the analysis of functional MRI data. <i>NeuroImage</i> , 2003, 20, 455-465.	2.1	94
67	Tractographyߝbased parcellation of the human left inferior parietal lobule. <i>NeuroImage</i> , 2012, 63, 641-652.	2.1	94
68	Brain responses to symptom provocation and trauma-related short-term memory recall in coal mining accident survivors with acute severe PTSD. <i>Brain Research</i> , 2007, 1144, 165-174.	1.1	92
69	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. <i>Cerebral Cortex</i> , 2020, 30, 888-900.	1.6	92
70	Protein folding simulations of the hydrophobicߝhydrophilic model by combining tabu search with genetic algorithms. <i>Journal of Chemical Physics</i> , 2003, 119, 4592-4596.	1.2	91
71	Altered resting-state functional connectivity of thalamus in earthquake-induced posttraumatic stress disorder: A functional magnetic resonance imaging study. <i>Brain Research</i> , 2011, 1411, 98-107.	1.1	91
72	Functional Connectivity Density in Congenitally and Late Blind Subjects. <i>Cerebral Cortex</i> , 2015, 25, 2507-2516.	1.6	91

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73	Correspondent Functional Topography of the Human Left Inferior Parietal Lobule at Rest and Under Task Revealed Using Resting-state fMRI and Coactivation Based Parcellation. Human Brain Mapping, 2017, 38, 1659-1675.	1.9	89
74	Prefrontal-Related Functional Connectivities within the Default Network Are Modulated by COMT in Healthy Young Adults. Journal of Neuroscience, 2010, 30, 64-69.	1.7	88
75	Plasma IGF1P-2 levels predict clinical outcomes of patients with high-grade gliomas. Neuro-Oncology, 2009, 11, 468-476.	0.6	87
76	Abnormal diffusion of cerebral white matter in early blindness. Human Brain Mapping, 2009, 30, 220-227.	1.9	87
77	Pathogenesis of Normal-appearing White Matter Damage in Neuromyelitis Optica: Diffusion-Tensor MR Imaging. Radiology, 2008, 246, 222-228.	3.6	84
78	Regional homogeneity of the resting-state brain activity correlates with individual intelligence. Neuroscience Letters, 2011, 488, 275-278.	1.0	82
79	Schizophrenia patients and their healthy siblings share disruption of white matter integrity in the left prefrontal cortex and the hippocampus but not the anterior cingulate cortex. Schizophrenia Research, 2009, 114, 128-135.	1.1	81
80	Polygenic risk for five psychiatric disorders and cross-disorder and disorder-specific neural connectivity in two independent populations. Neurolmage: Clinical, 2017, 14, 441-449.	1.4	81
81	Plasticity of the corticospinal tract in early blindness revealed by quantitative analysis of fractional anisotropy based on diffusion tensor tractography. Neurolmage, 2007, 36, 411-417.	2.1	80
82	Regional Gray Matter Changes Are Associated with Cognitive Deficits in Remitted Geriatric Depression: An Optimized Voxel-Based Morphometry Study. Biological Psychiatry, 2008, 64, 541-544.	0.7	80
83	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. Frontiers in Neuroanatomy, 2016, 10, 120.	0.9	79
84	The relationship within and between the extrinsic and intrinsic systems indicated by resting state correlational patterns of sensory cortices. Neurolmage, 2007, 36, 684-690.	2.1	78
85	Discriminant analysis of functional connectivity patterns on Grassmann manifold. Neurolmage, 2011, 56, 2058-2067.	2.1	78
86	Multicontext fuzzy clustering for separation of brain tissues in magnetic resonance images. Neurolmage, 2003, 18, 685-696.	2.1	77
87	Meta-analysis of the association between the monoamine oxidase-A gene and mood disorders. Psychiatric Genetics, 2010, 20, 1-7.	0.6	74
88	Decreased functional connectivity of the amygdala in Alzheimer's disease revealed by resting-state fMRI. European Journal of Radiology, 2013, 82, 1531-1538.	1.2	74
89	Common variants on 2p16.1, 6p22.1 and 10q24.32 are associated with schizophrenia in Han Chinese population. Molecular Psychiatry, 2017, 22, 954-960.	4.1	74
90	Altered resting-state network connectivity in congenital blind. Human Brain Mapping, 2014, 35, 2573-2581.	1.9	73

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91	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018, 183, 366-374.	2.1	73
92	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018, 141, 916-926.	3.7	72
93	Functional organization of the fusiform gyrus revealed with connectivity profiles. <i>Human Brain Mapping</i> , 2016, 37, 3003-3016.	1.9	71
94	Independent and reproducible hippocampal radiomic biomarkers for multisite Alzheimer's disease: diagnosis, longitudinal progress and biological basis. <i>Science Bulletin</i> , 2020, 65, 1103-1113.	4.3	70
95	Volumetric segmentation of brain images using parallel genetic algorithms. <i>IEEE Transactions on Medical Imaging</i> , 2002, 21, 904-909.	5.4	69
96	The Neuroanatomical Basis for Posterior Superior Parietal Lobule Control Lateralization of Visuospatial Attention. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 32.	0.9	67
97	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. <i>Cerebral Cortex</i> , 2017, 27, bhw065.	1.6	66
98	Connectivity-Based Parcellation of the Human Posteromedial Cortex. <i>Cerebral Cortex</i> , 2014, 24, 719-727.	1.6	65
99	Multimodal Fusion With Reference: Searching for Joint Neuromarkers of Working Memory Deficits in Schizophrenia. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 93-105.	5.4	65
100	Increased Cortical Thickness in Sports Experts: A Comparison of Diving Players with the Controls. <i>PLoS ONE</i> , 2011, 6, e17112.	1.1	65
101	Neural mechanisms of oxytocin receptor gene mediating anxiety-related temperament. <i>Brain Structure and Function</i> , 2014, 219, 1543-1554.	1.2	64
102	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. <i>NeuroImage</i> , 2018, 170, 400-411.	2.1	63
103	Temporal scaling properties and spatial synchronization of spontaneous blood oxygenation level-dependent (BOLD) signal fluctuations in rat sensorimotor network at different levels of isoflurane anesthesia. <i>NMR in Biomedicine</i> , 2011, 24, 61-67.	1.6	62
104	White Matter Abnormalities in Major Depression: A Tract-Based Spatial Statistics and Rumination Study. <i>PLoS ONE</i> , 2012, 7, e37561.	1.1	61
105	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 52.	1.3	60
106	CFH Variants Affect Structural and Functional Brain Changes and Genetic Risk of Alzheimer's Disease. <i>Neuropsychopharmacology</i> , 2016, 41, 1034-1045.	2.8	58
107	Altered Functional Connectivity of the Primary Visual Cortex in Subjects with Amblyopia. <i>Neural Plasticity</i> , 2013, 2013, 1-8.	1.0	57
108	Impaired Resting-State Functional Integrations within Default Mode Network of Generalized Tonic-Clonic Seizures Epilepsy. <i>PLoS ONE</i> , 2011, 6, e17294.	1.1	57

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109	Corresponding anatomical and coactivation architecture of the human precuneus showing similar connectivity patterns with macaques. <i>NeuroImage</i> , 2019, 200, 562-574.	2.1	56
110	Decreased gyrification in major depressive disorder. <i>NeuroReport</i> , 2009, 20, 378-380.	0.6	55
111	Bridging Integrator 1 (BIN1) Genotype Effects on Working Memory, Hippocampal Volume, and Functional Connectivity in Young Healthy Individuals. <i>Neuropsychopharmacology</i> , 2015, 40, 1794-1803.	2.8	55
112	CRISPR/Cas9-mediated PINK1 deletion leads to neurodegeneration in rhesus monkeys. <i>Cell Research</i> , 2019, 29, 334-336.	5.7	55
113	<i>Complement C7</i> is a novel risk gene for Alzheimer's disease in Han Chinese. <i>National Science Review</i> , 2019, 6, 257-274.	4.6	55
114	Prognostication of chronic disorders of consciousness using brain functional networks and clinical characteristics. <i>ELife</i> , 2018, 7, .	2.8	55
115	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
116	Discriminative Analysis of Early Alzheimer's Disease Based on Two Intrinsically Anti-correlated Networks with Resting-State fMRI. <i>Lecture Notes in Computer Science</i> , 2006, 9, 340-347.	1.0	53
117	Generalizable, Reproducible, and Neuroscientifically Interpretable Imaging Biomarkers for Alzheimer's Disease. <i>Advanced Science</i> , 2020, 7, 2000675.	5.6	53
118	An App knock-in rat model for Alzheimer's disease exhibiting A β and tau pathologies, neuronal death and cognitive impairments. <i>Cell Research</i> , 2022, 32, 157-175.	5.7	53
119	Altered White Matter Integrity in the Congenital and Late Blind People. <i>Neural Plasticity</i> , 2013, 2013, 1-8.	1.0	52
120	Determination of the posterior boundary of <i>Wernicke's</i> area based on multimodal connectivity profiles. <i>Human Brain Mapping</i> , 2015, 36, 1908-1924.	1.9	52
121	Age-related decrease in functional connectivity of the right fronto-insular cortex with the central executive and default-mode networks in adults from young to middle age. <i>Neuroscience Letters</i> , 2013, 544, 74-79.	1.0	51
122	DiffusionKit: A light one-stop solution for diffusion MRI data analysis. <i>Journal of Neuroscience Methods</i> , 2016, 273, 107-119.	1.3	51
123	Auditory verbal hallucinations are related to cortical thinning in the left middle temporal gyrus of patients with schizophrenia. <i>Psychological Medicine</i> , 2018, 48, 115-122.	2.7	51
124	Aberrant Functional Organization within and between Resting-State Networks in AD. <i>PLoS ONE</i> , 2013, 8, e63727.	1.1	51
125	Childhood Maltreatment Is Associated with Larger Left Thalamic Gray Matter Volume in Adolescents with Generalized Anxiety Disorder. <i>PLoS ONE</i> , 2013, 8, e71898.	1.1	51
126	Impaired Parahippocampus Connectivity in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 49, 1051-1064.	1.2	50

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127	The Plasticity of Brain Gray Matter and White Matter following Lower Limb Amputation. <i>Neural Plasticity</i> , 2015, 2015, 1-10.	1.0	50
128	Pixon-based image segmentation with markov random fields. <i>IEEE Transactions on Image Processing</i> , 2003, 12, 1552-1559.	6.0	49
129	The long rather than the short allele of 5-HTTLPR predisposes Han Chinese to anxiety and reduced connectivity between prefrontal cortex and amygdala. <i>Neuroscience Bulletin</i> , 2013, 29, 4-15.	1.5	49
130	The Development of Visual Areas Depends Differently on Visual Experience. <i>PLoS ONE</i> , 2013, 8, e53784.	1.1	49
131	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018, 43, 1078-1087.	2.8	49
132	Dorsal Visual Pathway Changes in Patients with Comitant Exotropia. <i>PLoS ONE</i> , 2010, 5, e10931.	1.1	49
133	Side and handedness effects on the cingulum from diffusion tensor imaging. <i>NeuroReport</i> , 2005, 16, 1701-1705.	0.6	48
134	Cerebellum Abnormalities in Idiopathic Generalized Epilepsy with Generalized Tonic-Clonic Seizures Revealed by Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2010, 5, e15219.	1.1	48
135	The Impact of MIR137 on Dorsolateral Prefrontal-Hippocampal Functional Connectivity in Healthy Subjects. <i>Neuropsychopharmacology</i> , 2014, 39, 2153-2160.	2.8	48
136	Quantitative analysis along the pyramidal tract by length-normalized parameterization based on diffusion tensor tractography: Application to patients with relapsing neuromyelitis optica. <i>NeuroImage</i> , 2006, 33, 154-160.	2.1	47
137	The salience network contributes to an individual's fluid reasoning capacity. <i>Behavioural Brain Research</i> , 2012, 229, 384-390.	1.2	47
138	Sex-Dependent Correlations between the Personality Dimension of Harm Avoidance and the Resting-State Functional Connectivity of Amygdala Subregions. <i>PLoS ONE</i> , 2012, 7, e35925.	1.1	47
139	Functional topography of the right inferior parietal lobule structured by anatomical connectivity profiles. <i>Human Brain Mapping</i> , 2016, 37, 4316-4332.	1.9	47
140	Spontaneous brain activity observed with functional magnetic resonance imaging as a potential biomarker in neuropsychiatric disorders. <i>Cognitive Neurodynamics</i> , 2010, 4, 275-294.	2.3	46
141	Common and Specific Functional Activity Features in Schizophrenia, Major Depressive Disorder, and Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 52.	1.3	45
142	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , 2020, 14, 1979-1993.	1.1	45
143	Modularity in the genetic disease-phenotype network. <i>FEBS Letters</i> , 2008, 582, 2549-2554.	1.3	44
144	Altered Spontaneous Activity in Anisometropic Amblyopia Subjects: Revealed by Resting-State fMRI. <i>PLoS ONE</i> , 2012, 7, e43373.	1.1	44

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145	Cortical gyrification reductions and subcortical atrophy in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 122-126.	2.2	44
146	Fingerprint registration by maximization of mutual information. <i>IEEE Transactions on Image Processing</i> , 2006, 15, 1100-1110.	6.0	43
147	Asymmetry of prefrontal cortical convolution complexity in males with attention-deficit/hyperactivity disorder using fractal information dimension. <i>Brain and Development</i> , 2007, 29, 649-655.	0.6	43
148	Altered structural connectome in adolescent socially isolated mice. <i>NeuroImage</i> , 2016, 139, 259-270.	2.1	43
149	Abnormalities in the structural covariance of emotion regulation networks in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 237-242.	1.5	43
150	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021, 228, 117685.	2.1	43
151	Model-Free and Analytical EAP Reconstruction via Spherical Polar Fourier Diffusion MRI. <i>Lecture Notes in Computer Science</i> , 2010, 13, 590-597.	1.0	43
152	COMT val158met modulates association between brain white matter architecture and IQ. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 375-380.	1.1	42
153	Multimodal connectivity-based parcellation reveals a shell-core dichotomy of the human nucleus accumbens. <i>Human Brain Mapping</i> , 2017, 38, 3878-3898.	1.9	42
154	Age of Onset of Blindness Affects Brain Anatomical Networks Constructed Using Diffusion Tensor Tractography. <i>Cerebral Cortex</i> , 2013, 23, 542-551.	1.6	41
155	Perceptual and response interference in Alzheimer's disease and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2013, 124, 2389-2396.	0.7	40
156	Polygenic Risk for Schizophrenia Influences Cortical Gyrification in 2 Independent General Populations. <i>Schizophrenia Bulletin</i> , 2016, 43, sbw051.	2.3	40
157	Cell Image Segmentation with Kernel-Based Dynamic Clustering and an Ellipsoidal Cell Shape Model. <i>Journal of Biomedical Informatics</i> , 2001, 34, 67-73.	2.5	38
158	Esub8: a novel tool to predict protein subcellular localizations in eukaryotic organisms. <i>BMC Bioinformatics</i> , 2004, 5, 66.	1.2	38
159	Cortical thickness is associated with different apolipoprotein E genotypes in healthy elderly adults. <i>Neuroscience Letters</i> , 2010, 479, 332-336.	1.0	38
160	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019, 45, 436-449.	2.3	38
161	<sc>GrabAD</sc>: Generalizability and reproducibility of altered brain activity and diagnostic classification in Alzheimer's Disease. <i>Human Brain Mapping</i> , 2020, 41, 3379-3391.	1.9	38
162	Volumetric variation in subregions of the cerebellum correlates with working memory performance. <i>Neuroscience Letters</i> , 2012, 508, 47-51.	1.0	37

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163	Dosage Effects of BDNF Val66Met Polymorphism on Cortical Surface Area and Functional Connectivity. <i>Journal of Neuroscience</i> , 2014, 34, 2645-2651.	1.7	37
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