

Tianzi Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

442
papers

28,264
citations

7096

78
h-index

8167

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.	4.2	2,055
2	The Human Brainnetome Atlas: A New Brain Atlas Based on Connectional Architecture. <i>Cerebral Cortex</i> , 2016, 26, 3508-3526.	2.9	1,962
3	Disrupted small-world networks in schizophrenia. <i>Brain</i> , 2008, 131, 945-961.	7.6	944
4	HMDD v2.0: a database for experimentally supported human microRNA and disease associations. <i>Nucleic Acids Research</i> , 2014, 42, D1070-D1074.	14.5	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.	4.2	742
6	Altered functional connectivity in early Alzheimer's disease: A resting-state fMRI study. <i>Human Brain Mapping</i> , 2007, 28, 967-978.	3.6	653
7	Brain Anatomical Network and Intelligence. <i>PLoS Computational Biology</i> , 2009, 5, e1000395.	3.2	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.	4.2	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.	1.9	390
10	Abnormal Cortical Networks in Mild Cognitive Impairment and Alzheimer's Disease. <i>PLoS Computational Biology</i> , 2010, 6, e1001006.	3.2	390
11	Functional disintegration in paranoid schizophrenia using resting-state fMRI. <i>Schizophrenia Research</i> , 2007, 97, 194-205.	2.0	384
12	Widespread functional disconnectivity in schizophrenia with resting-state functional magnetic resonance imaging. <i>NeuroReport</i> , 2006, 17, 209-213.	1.2	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.	2.1	366
14	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	5.3	349
15	Subregions of the human superior frontal gyrus and their connections. <i>NeuroImage</i> , 2013, 78, 46-58.	4.2	333
16	Brain spontaneous functional connectivity and intelligence. <i>NeuroImage</i> , 2008, 41, 1168-1176.	4.2	301
17	Altered resting-state functional connectivity and anatomical connectivity of hippocampus in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 120-132.	2.0	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.	2.1	286

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19	Whole brain functional connectivity in the early blind. <i>Brain</i> , 2007, 130, 2085-2096.	7.6	241
20	Decreased regional homogeneity in schizophrenia: a resting state functional magnetic resonance imaging study. <i>NeuroReport</i> , 2006, 17, 19-22.	1.2	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.	1.6	229
22	A modified Gabor filter design method for fingerprint image enhancement. <i>Pattern Recognition Letters</i> , 2003, 24, 1805-1817.	4.2	228
23	Altered spontaneous activity in Alzheimer's disease and mild cognitive impairment revealed by Regional Homogeneity. <i>NeuroImage</i> , 2012, 59, 1429-1440.	4.2	227
24	Identification of Conversion from Mild Cognitive Impairment to Alzheimer's Disease Using Multivariate Predictors. <i>PLoS ONE</i> , 2011, 6, e21896.	2.5	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.	4.2	206
26	Impaired Long Distance Functional Connectivity and Weighted Network Architecture in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2014, 24, 1422-1435.	2.9	202
27	Increased neural resources recruitment in the intrinsic organization in major depression. <i>Journal of Affective Disorders</i> , 2010, 121, 220-230.	4.1	197
28	Modulation of functional connectivity during the resting state and the motor task. <i>Human Brain Mapping</i> , 2004, 22, 63-71.	3.6	194
29	Disrupted Small-World Brain Networks in Moderate Alzheimer's Disease: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2012, 7, e33540.	2.5	192
30	Functional segregation of the human cingulate cortex is confirmed by functional connectivity based neuroanatomical parcellation. <i>NeuroImage</i> , 2011, 54, 2571-2581.	4.2	182
31	Thick Visual Cortex in the Early Blind. <i>Journal of Neuroscience</i> , 2009, 29, 2205-2211.	3.6	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.	3.6	176
33	Convergent functional architecture of the superior parietal lobule unraveled with multimodal neuroimaging approaches. <i>Human Brain Mapping</i> , 2015, 36, 238-257.	3.6	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.	7.2	162
35	Anatomical insights into disrupted small-world networks in schizophrenia. <i>NeuroImage</i> , 2012, 59, 1085-1093.	4.2	160
36	In Search of Multimodal Neuroimaging Biomarkers of Cognitive Deficits in Schizophrenia. <i>Biological Psychiatry</i> , 2015, 78, 794-804.	1.3	158

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37	Modeling Rett Syndrome Using TALEN-Edited MECP2 Mutant Cynomolgus Monkeys. <i>Cell</i> , 2017, 169, 945-955.e10.	28.9	158
38	Scalable and Dil-compatible optical clearance of the mammalian brain. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 19.	1.7	154
39	A neuroimaging biomarker for striatal dysfunction in schizophrenia. <i>Nature Medicine</i> , 2020, 26, 558-565.	30.7	152
40	Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. <i>NeuroImage</i> , 2020, 205, 116278.	4.2	151
41	Prefrontal cortex and the dysconnectivity hypothesis of schizophrenia. <i>Neuroscience Bulletin</i> , 2015, 31, 207-219.	2.9	143
42	Asymmetry analysis of cingulum based on scale-invariant parameterization by diffusion tensor imaging. <i>Human Brain Mapping</i> , 2005, 24, 92-98.	3.6	140
43	Neural mechanism of intertemporal choice: From discounting future gains to future losses. <i>Brain Research</i> , 2009, 1261, 65-74.	2.2	136
44	Abnormal topological organization of structural brain networks in schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 109-118.	2.0	135
45	Spontaneous Activity Associated with Primary Visual Cortex: A Resting-State fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 697-704.	2.9	132
46	White matter integrity of the whole brain is disrupted in first-episode schizophrenia. <i>NeuroReport</i> , 2006, 17, 23-26.	1.2	129
47	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018, 9, 3028.	12.8	127
48	Altered Anatomical Network in Early Blindness Revealed by Diffusion Tensor Tractography. <i>PLoS ONE</i> , 2009, 4, e7228.	2.5	127
49	Enhanced resting-state brain activities in ADHD patients: A fMRI study. <i>Brain and Development</i> , 2008, 30, 342-348.	1.1	125
50	Altered functional connectivity of primary visual cortex in early blindness. <i>Human Brain Mapping</i> , 2008, 29, 533-543.	3.6	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.	4.3	116
52	Brainnetome: A new -ome to understand the brain and its disorders. <i>NeuroImage</i> , 2013, 80, 263-272.	4.2	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.	2.2	115
54	Tractography-based Parcellation of the Human Middle Temporal Gyrus. <i>Scientific Reports</i> , 2016, 5, 18883.	3.3	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.	4.2	111
56	Connectivity-Based Parcellation of the Human Temporal Pole Using Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2014, 24, 3365-3378.	2.9	110
57	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site fMRI data. <i>EBioMedicine</i> , 2019, 47, 543-552.	6.1	109
58	A combinational feature selection and ensemble neural network method for classification of gene expression data. <i>BMC Bioinformatics</i> , 2004, 5, 136.	2.6	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.	1.4	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.	4.1	102
61	Local label learning (LLL) for subcortical structure segmentation: Application to hippocampus segmentation. <i>Human Brain Mapping</i> , 2014, 35, 2674-2697.	3.6	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.	2.1	100
63	Connectivity-Based Parcellation of the Human Frontal Pole with Diffusion Tensor Imaging. <i>Journal of Neuroscience</i> , 2013, 33, 6782-6790.	3.6	100
64	Aberrant intra- and inter-network connectivity architectures in Alzheimer’s disease and mild cognitive impairment. <i>Scientific Reports</i> , 2015, 5, 14824.	3.3	99
65	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. <i>NeuroImage</i> , 2017, 145, 218-229.	4.2	95
66	Region growing method for the analysis of functional MRI data. <i>NeuroImage</i> , 2003, 20, 455-465.	4.2	94
67	Tractographyߝbased parcellation of the human left inferior parietal lobule. <i>NeuroImage</i> , 2012, 63, 641-652.	4.2	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.	2.2	92
69	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. <i>Cerebral Cortex</i> , 2020, 30, 888-900.	2.9	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.	3.0	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.	2.2	91
72	Functional Connectivity Density in Congenitally and Late Blind Subjects. <i>Cerebral Cortex</i> , 2015, 25, 2507-2516.	2.9	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. <i>Human Brain Mapping</i> , 2017, 38, 1659-1675.	3.6	89
74	Prefrontal-Related Functional Connectivities within the Default Network Are Modulated by COMT in Healthy Young Adults. <i>Journal of Neuroscience</i> , 2010, 30, 64-69.	3.6	88
75	Plasma IGF1P-2 levels predict clinical outcomes of patients with high-grade gliomas. <i>Neuro-Oncology</i> , 2009, 11, 468-476.	1.2	87
76	Abnormal diffusion of cerebral white matter in early blindness. <i>Human Brain Mapping</i> , 2009, 30, 220-227.	3.6	87
77	Pathogenesis of Normal-appearing White Matter Damage in Neuromyelitis Optica: Diffusion-Tensor MR Imaging. <i>Radiology</i> , 2008, 246, 222-228.	7.3	84
78	Regional homogeneity of the resting-state brain activity correlates with individual intelligence. <i>Neuroscience Letters</i> , 2011, 488, 275-278.	2.1	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. <i>Schizophrenia Research</i> , 2009, 114, 128-135.	2.0	81
80	Polygenic risk for five psychiatric disorders and cross-disorder and disorder-specific neural connectivity in two independent populations. <i>NeuroImage: Clinical</i> , 2017, 14, 441-449.	2.7	81
81	Plasticity of the corticospinal tract in early blindness revealed by quantitative analysis of fractional anisotropy based on diffusion tensor tractography. <i>NeuroImage</i> , 2007, 36, 411-417.	4.2	80
82	Regional Gray Matter Changes Are Associated with Cognitive Deficits in Remitted Geriatric Depression: An Optimized Voxel-Based Morphometry Study. <i>Biological Psychiatry</i> , 2008, 64, 541-544.	1.3	80
83	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 120.	1.7	79
84	The relationship within and between the extrinsic and intrinsic systems indicated by resting state correlational patterns of sensory cortices. <i>NeuroImage</i> , 2007, 36, 684-690.	4.2	78
85	Discriminant analysis of functional connectivity patterns on Grassmann manifold. <i>NeuroImage</i> , 2011, 56, 2058-2067.	4.2	78
86	Multicontext fuzzy clustering for separation of brain tissues in magnetic resonance images. <i>NeuroImage</i> , 2003, 18, 685-696.	4.2	77
87	Meta-analysis of the association between the monoamine oxidase-A gene and mood disorders. <i>Psychiatric Genetics</i> , 2010, 20, 1-7.	1.1	74
88	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.	2.6	74
89	Common variants on 2p16.1, 6p22.1 and 10q24.32 are associated with schizophrenia in Han Chinese population. <i>Molecular Psychiatry</i> , 2017, 22, 954-960.	7.9	74
90	Altered resting-state network connectivity in congenital blind. <i>Human Brain Mapping</i> , 2014, 35, 2573-2581.	3.6	73

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91	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018, 183, 366-374.	4.2	73
92	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018, 141, 916-926.	7.6	72
93	Functional organization of the fusiform gyrus revealed with connectivity profiles. <i>Human Brain Mapping</i> , 2016, 37, 3003-3016.	3.6	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.	9.0	70
95	Volumetric segmentation of brain images using parallel genetic algorithms. <i>IEEE Transactions on Medical Imaging</i> , 2002, 21, 904-909.	8.9	69
96	The Neuroanatomical Basis for Posterior Superior Parietal Lobule Control Lateralization of Visuospatial Attention. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 32.	1.7	67
97	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. <i>Cerebral Cortex</i> , 2017, 27, bhw065.	2.9	66
98	Connectivity-Based Parcellation of the Human Posteromedial Cortex. <i>Cerebral Cortex</i> , 2014, 24, 719-727.	2.9	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.	8.9	65
100	Increased Cortical Thickness in Sports Experts: A Comparison of Diving Players with the Controls. <i>PLoS ONE</i> , 2011, 6, e17112.	2.5	65
101	Neural mechanisms of oxytocin receptor gene mediating anxiety-related temperament. <i>Brain Structure and Function</i> , 2014, 219, 1543-1554.	2.3	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.	4.2	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.	2.8	62
104	White Matter Abnormalities in Major Depression: A Tract-Based Spatial Statistics and Rumination Study. <i>PLoS ONE</i> , 2012, 7, e37561.	2.5	61
105	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 52.	2.5	60
106	CFH Variants Affect Structural and Functional Brain Changes and Genetic Risk of Alzheimer's Disease. <i>Neuropsychopharmacology</i> , 2016, 41, 1034-1045.	5.4	58
107	Altered Functional Connectivity of the Primary Visual Cortex in Subjects with Amblyopia. <i>Neural Plasticity</i> , 2013, 2013, 1-8.	2.2	57
108	Impaired Resting-State Functional Integrations within Default Mode Network of Generalized Tonic-Clonic Seizures Epilepsy. <i>PLoS ONE</i> , 2011, 6, e17294.	2.5	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.	4.2	56
110	Decreased gyrification in major depressive disorder. <i>NeuroReport</i> , 2009, 20, 378-380.	1.2	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.	5.4	55
112	CRISPR/Cas9-mediated PINK1 deletion leads to neurodegeneration in rhesus monkeys. <i>Cell Research</i> , 2019, 29, 334-336.	12.0	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.	9.5	55
114	Prognostication of chronic disorders of consciousness using brain functional networks and clinical characteristics. <i>ELife</i> , 2018, 7, .	6.0	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.	2.6	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.	1.3	53
117	Generalizable, Reproducible, and Neuroscientifically Interpretable Imaging Biomarkers for Alzheimer's Disease. <i>Advanced Science</i> , 2020, 7, 2000675.	11.2	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.	12.0	53
119	Altered White Matter Integrity in the Congenital and Late Blind People. <i>Neural Plasticity</i> , 2013, 2013, 1-8.	2.2	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.	3.6	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.	2.1	51
122	DiffusionKit: A light one-stop solution for diffusion MRI data analysis. <i>Journal of Neuroscience Methods</i> , 2016, 273, 107-119.	2.5	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.	4.5	51
124	Aberrant Functional Organization within and between Resting-State Networks in AD. <i>PLoS ONE</i> , 2013, 8, e63727.	2.5	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.	2.5	51
126	Impaired Parahippocampus Connectivity in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 49, 1051-1064.	2.6	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.	2.2	50
128	Pixon-based image segmentation with markov random fields. <i>IEEE Transactions on Image Processing</i> , 2003, 12, 1552-1559.	9.8	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.	2.9	49
130	The Development of Visual Areas Depends Differently on Visual Experience. <i>PLoS ONE</i> , 2013, 8, e53784.	2.5	49
131	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018, 43, 1078-1087.	5.4	49
132	Dorsal Visual Pathway Changes in Patients with Comitant Exotropia. <i>PLoS ONE</i> , 2010, 5, e10931.	2.5	49
133	Side and handedness effects on the cingulum from diffusion tensor imaging. <i>NeuroReport</i> , 2005, 16, 1701-1705.	1.2	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.	2.5	48
135	The Impact of MIR137 on Dorsolateral Prefrontalâ€”Hippocampal Functional Connectivity in Healthy Subjects. <i>Neuropsychopharmacology</i> , 2014, 39, 2153-2160.	5.4	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.	4.2	47
137	The salience network contributes to an individual's fluid reasoning capacity. <i>Behavioural Brain Research</i> , 2012, 229, 384-390.	2.2	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.	2.5	47
139	Functional topography of the right inferior parietal lobule structured by anatomical connectivity profiles. <i>Human Brain Mapping</i> , 2016, 37, 4316-4332.	3.6	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.	4.0	46
141	Common and Specific Functional Activity Features in Schizophrenia, Major Depressive Disorder, and Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 52.	2.6	45
142	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , 2020, 14, 1979-1993.	2.1	45
143	Modularity in the genetic diseaseâ€”phenotype network. <i>FEBS Letters</i> , 2008, 582, 2549-2554.	2.8	44
144	Altered Spontaneous Activity in Anisometric Amblyopia Subjects: Revealed by Resting-State fMRI. <i>PLoS ONE</i> , 2012, 7, e43373.	2.5	44

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145	Cortical gyrification reductions and subcortical atrophy in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 122-126.	3.9	44
146	Fingerprint registration by maximization of mutual information. <i>IEEE Transactions on Image Processing</i> , 2006, 15, 1100-1110.	9.8	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.	1.1	43
148	Altered structural connectome in adolescent socially isolated mice. <i>NeuroImage</i> , 2016, 139, 259-270.	4.2	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.	3.1	43
150	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021, 228, 117685.	4.2	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.	1.3	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.	1.7	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.	3.6	42
154	Age of Onset of Blindness Affects Brain Anatomical Networks Constructed Using Diffusion Tensor Tractography. <i>Cerebral Cortex</i> , 2013, 23, 542-551.	2.9	41
155	Perceptual and response interference in Alzheimer's disease and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2013, 124, 2389-2396.	1.5	40
156	Polygenic Risk for Schizophrenia Influences Cortical Gyrification in 2 Independent General Populations. <i>Schizophrenia Bulletin</i> , 2016, 43, sbw051.	4.3	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.	4.3	38
158	Esub8: a novel tool to predict protein subcellular localizations in eukaryotic organisms. <i>BMC Bioinformatics</i> , 2004, 5, 66.	2.6	38
159	Cortical thickness is associated with different apolipoprotein E genotypes in healthy elderly adults. <i>Neuroscience Letters</i> , 2010, 479, 332-336.	2.1	38
160	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019, 45, 436-449.	4.3	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.	3.6	38
162	Volumetric variation in subregions of the cerebellum correlates with working memory performance. <i>Neuroscience Letters</i> , 2012, 508, 47-51.	2.1	37

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