Tianzi Jiang

List of Publications by Citations

431 papers	**20,827** citations	**69** h-index	**132** g-index
465 ext. papers	**25,216** ext. citations	**5.1** avg, IF	**6.64** L-index

#	Paper	IF	Citations
431	Regional homogeneity approach to fMRI data analysis. *NeuroImage*, **2004**, 22, 394-400	7.9	1470
430	The Human Brainnetome Atlas: A New Brain Atlas Based on Connectional Architecture. *Cerebral Cortex*, **2016**, 26, 3508-26	5.1	964
429	Disrupted small-world networks in schizophrenia. *Brain*, **2008**, 131, 945-61	11.2	810
428	Changes in hippocampal connectivity in the early stages of Alzheimer's disease: evidence from resting state fMRI. *NeuroImage*, **2006**, 31, 496-504	7.9	635
427	Altered functional connectivity in early Alzheimer's disease: a resting-state fMRI study. *Human Brain Mapping*, **2007**, 28, 967-78	5.9	551
426	HMDD v2.0: a database for experimentally supported human microRNA and disease associations. *Nucleic Acids Research*, **2014**, 42, D1070-4	20.1	534
425	Brain anatomical network and intelligence. *PLoS Computational Biology*, **2009**, 5, e1000395	5	452
424	Regional coherence changes in the early stages of Alzheimer's disease: a combined structural and resting-state functional MRI study. *NeuroImage*, **2007**, 35, 488-500	7.9	434
423	Widespread functional disconnectivity in schizophrenia with resting-state functional magnetic resonance imaging. *NeuroReport*, **2006**, 17, 209-13	1.7	338
422	Functional disintegration in paranoid schizophrenia using resting-state fMRI. *Schizophrenia Research*, **2007**, 97, 194-205	3.6	336
421	Altered resting-state functional connectivity patterns of anterior cingulate cortex in adolescents with attention deficit hyperactivity disorder. *Neuroscience Letters*, **2006**, 400, 39-43	3.3	324
420	Abnormal cortical networks in mild cognitive impairment and Alzheimer's disease. *PLoS Computational Biology*, **2010**, 6, e1001006	5	312
419	Hippocampal volume and asymmetry in mild cognitive impairment and Alzheimer's disease: Meta-analyses of MRI studies. *Hippocampus*, **2009**, 19, 1055-64	3.5	310
418	Altered resting-state functional connectivity and anatomical connectivity of hippocampus in schizophrenia. *Schizophrenia Research*, **2008**, 100, 120-32	3.6	249
417	An open science resource for establishing reliability and reproducibility in functional connectomics. *Scientific Data*, **2014**, 1, 140049	8.2	247
416	Functional dysconnectivity of the dorsolateral prefrontal cortex in first-episode schizophrenia using resting-state fMRI. *Neuroscience Letters*, **2007**, 417, 297-302	3.3	238
415	Brain spontaneous functional connectivity and intelligence. *NeuroImage*, **2008**, 41, 1168-76	7.9	237

396	White matter integrity of the whole brain is disrupted in first-episode schizophrenia. *NeuroReport*, **2006**, 17, 23-6	1.7	122
395	Convergent functional architecture of the superior parietal lobule unraveled with multimodal neuroimaging approaches. *Human Brain Mapping*, **2015**, 36, 238-57	5.9	121
394	Scalable and DiI-compatible optical clearance of the mammalian brain. *Frontiers in Neuroanatomy*, **2015**, 9, 19	3.6	116
393	In search of multimodal neuroimaging biomarkers of cognitive deficits in schizophrenia. *Biological Psychiatry*, **2015**, 78, 794-804	7.9	111
392	Altered anatomical network in early blindness revealed by diffusion tensor tractography. *PLoS ONE*, **2009**, 4, e7228	3.7	111
391	Spontaneous activity associated with primary visual cortex: a resting-state FMRI study. *Cerebral Cortex*, **2008**, 18, 697-704	5.1	108
390	Enhanced resting-state brain activities in ADHD patients: a fMRI study. *Brain and Development*, **2008**, 30, 342-8	2.2	102
389	Modeling Rett Syndrome Using TALEN-Edited MECP2 Mutant Cynomolgus Monkeys. *Cell*, **2017**, 169, 945-955.e10	56.2	101
388	Prefrontal white matter abnormalities in young adult with major depressive disorder: a diffusion tensor imaging study. *Brain Research*, **2007**, 1168, 124-8	3.7	100
387	Neural mechanism of intertemporal choice: from discounting future gains to future losses. *Brain Research*, **2009**, 1261, 65-74	3.7	99
386	Altered functional connectivity of primary visual cortex in early blindness. *Human Brain Mapping*, **2008**, 29, 533-43	5.9	98
385	Prefrontal cortex and the dysconnectivity hypothesis of schizophrenia. *Neuroscience Bulletin*, **2015**, 31, 207-19	4.3	97
384	Abnormal topological organization of structural brain networks in schizophrenia. *Schizophrenia Research*, **2012**, 141, 109-18	3.6	97
383	White matter tract integrity and intelligence in patients with mental retardation and healthy adults. *NeuroImage*, **2008**, 40, 1533-41	7.9	95
382	Schizophrenic patients and their unaffected siblings share increased resting-state connectivity in the task-negative network but not its anticorrelated task-positive network. *Schizophrenia Bulletin*, **2012**, 38, 285-94	1.3	93
381	Altered resting-state functional connectivity of thalamus in earthquake-induced posttraumatic stress disorder: a functional magnetic resonance imaging study. *Brain Research*, **2011**, 1411, 98-107	3.7	85
380	Connectivity-based parcellation of the human temporal pole using diffusion tensor imaging. *Cerebral Cortex*, **2014**, 24, 3365-78	5.1	84
379	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. *Journal of Affective Disorders*, **2016**, 190, 483-493	6.6	82

378	Local label learning (LLL) for subcortical structure segmentation: application to hippocampus segmentation. *Human Brain Mapping*, **2014**, 35, 2674-97	5.9	82
377	Brain responses to symptom provocation and trauma-related short-term memory recall in coal mining accident survivors with acute severe PTSD. *Brain Research*, **2007**, 1144, 165-74	3.7	81
376	Connectivity-based parcellation of the human frontal pole with diffusion tensor imaging. *Journal of Neuroscience*, **2013**, 33, 6782-90	6.6	80
375	Pathogenesis of normal-appearing white matter damage in neuromyelitis optica: diffusion-tensor MR imaging. *Radiology*, **2008**, 246, 222-8	20.5	79
374	Prefrontal-related functional connectivities within the default network are modulated by COMT val158met in healthy young adults. *Journal of Neuroscience*, **2010**, 30, 64-9	6.6	78
373	Tractography-based parcellation of the human left inferior parietal lobule. *NeuroImage*, **2012**, 63, 641-52	7.9	77
372	A combinational feature selection and ensemble neural network method for classification of gene expression data. *BMC Bioinformatics*, **2004**, 5, 136	3.6	77
371	Abnormal baseline brain activity in posttraumatic stress disorder: a resting-state functional magnetic resonance imaging study. *Neuroscience Letters*, **2011**, 498, 185-9	3.3	75
370	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, 128-35	3.6	75
369	Abnormal diffusion of cerebral white matter in early blindness. *Human Brain Mapping*, **2009**, 30, 220-7	5.9	72
368	Region growing method for the analysis of functional MRI data. *NeuroImage*, **2003**, 20, 455-65	7.9	72
367	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. *Nature Communications*, **2018**, 9, 3028	17.4	71
366	Plasma IGFBP-2 levels predict clinical outcomes of patients with high-grade gliomas. *Neuro-Oncology*, **2009**, 11, 468-76	1	71
365	Impaired functional connectivity of the thalamus in Alzheimer's disease and mild cognitive impairment: a resting-state fMRI study. *Current Alzheimer Research*, **2013**, 10, 754-66	3	71
364	Tractography-based Parcellation of the Human Middle Temporal Gyrus. *Scientific Reports*, **2015**, 5, 18883	4.9	70
363	Regional gray matter changes are associated with cognitive deficits in remitted geriatric depression: an optimized voxel-based morphometry study. *Biological Psychiatry*, **2008**, 64, 541-4	7.9	69
362	Plasticity of the corticospinal tract in early blindness revealed by quantitative analysis of fractional anisotropy based on diffusion tensor tractography. *NeuroImage*, **2007**, 36, 411-7	7.9	69
361	Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. *NeuroImage*, **2020**, 205, 116278	7.9	69

360	Functional Connectivity Density in Congenitally and Late Blind Subjects. *Cerebral Cortex*, **2015**, 25, 2507-16	3.6	68
359	Aberrant intra- and inter-network connectivity architectures in Alzheimer's disease and mild cognitive impairment. *Scientific Reports*, **2015**, 5, 14824	4.9	68
358	Regional homogeneity of the resting-state brain activity correlates with individual intelligence. *Neuroscience Letters*, **2011**, 488, 275-8	3.3	68
357	The relationship within and between the extrinsic and intrinsic systems indicated by resting state correlational patterns of sensory cortices. *NeuroImage*, **2007**, 36, 684-90	7.9	68
356	Meta-analysis of the association between the monoamine oxidase-A gene and mood disorders. *Psychiatric Genetics*, **2010**, 20, 1-7	2.9	67
355	Brainnetome: a new -ome to understand the brain and its disorders. *NeuroImage*, **2013**, 80, 263-72	7.9	66
354	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. *NeuroImage*, **2017**, 145, 218-229	7.9	65
353	Protein folding simulations of the hydrophobic-hydrophilic model by combining tabu search with genetic algorithms. *Journal of Chemical Physics*, **2003**, 119, 4592-4596	3.9	65
352	Discriminant analysis of functional connectivity patterns on Grassmann manifold. *NeuroImage*, **2011**, 56, 2058-67	7.9	64
351	Multicontext fuzzy clustering for separation of brain tissues in magnetic resonance images. *NeuroImage*, **2003**, 18, 685-96	7.9	64
350	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	5.9	63
349	Decreased functional connectivity of the amygdala in Alzheimer's disease revealed by resting-state fMRI. *European Journal of Radiology*, **2013**, 82, 1531-8	4.7	58
348	Polygenic risk for five psychiatric disorders and cross-disorder and disorder-specific neural connectivity in two independent populations. *NeuroImage: Clinical*, **2017**, 14, 441-449	5.3	56
347	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site FMRI data. *EBioMedicine*, **2019**, 47, 543-552	8.8	56
346	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. *Frontiers in Neuroanatomy*, **2016**, 10, 120	3.6	56
345	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. *NMR in Biomedicine*, **2011**, 24, 61-7	4.4	55
344	Increased cortical thickness in sports experts: a comparison of diving players with the controls. *PLoS ONE*, **2011**, 6, e17112	3.7	54
343	Volumetric segmentation of brain images using parallel genetic algorithms. *IEEE Transactions on Medical Imaging*, **2002**, 21, 904-9	11.7	53

342   The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. *Cerebral Cortex*, **2017**, 27, 2095-2110   5.1   52

341   Connectivity-based parcellation of the human posteromedial cortex. *Cerebral Cortex*, **2014**, 24, 719-27   5.1   52

340   Altered resting-state network connectivity in congenital blind. *Human Brain Mapping*, **2014**, 35, 2573-81   5.9   51

339   Neural mechanisms of oxytocin receptor gene mediating anxiety-related temperament. *Brain Structure and Function*, **2014**, 219, 1543-54   4   51

338   Impaired resting-state functional integrations within default mode network of generalized tonic-clonic seizures epilepsy. *PLoS ONE*, **2011**, 6, e17294   3.7   51

337   White matter abnormalities in major depression: a tract-based spatial statistics and rumination study. *PLoS ONE*, **2012**, 7, e37561   3.7   51

336   Functional organization of the fusiform gyrus revealed with connectivity profiles. *Human Brain Mapping*, **2016**, 37, 3003-16   5.9   48

335   Common variants on 2p16.1, 6p22.1 and 10q24.32 are associated with schizophrenia in Han Chinese population. *Molecular Psychiatry*, **2017**, 22, 954-960   15.1   47

334   The long rather than the short allele of 5-HTTLPR predisposes Han Chinese to anxiety and reduced connectivity between prefrontal cortex and amygdala. *Neuroscience Bulletin*, **2013**, 29, 4-15   4.3   46

333   Discriminative analysis of early Alzheimer's disease based on two intrinsically anti-correlated networks with resting-state fMRI. *Lecture Notes in Computer Science*, **2006**, 9, 340-7   0.9   46

332   A neuroimaging biomarker for striatal dysfunction in schizophrenia. *Nature Medicine*, **2020**, 26, 558-565   50.5   45

331   Connectome-based individualized prediction of temperament trait scores. *NeuroImage*, **2018**, 183, 366-374   7.4   45

330   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. *Neuroscience Letters*, **2013**, 544, 74-9   3.3   45

329   Determination of the posterior boundary of Wernicke's area based on multimodal connectivity profiles. *Human Brain Mapping*, **2015**, 36, 1908-24   5.9   45

328   Altered functional connectivity of the primary visual cortex in subjects with amblyopia. *Neural Plasticity*, **2013**, 2013, 612086   3.3   45

327   The Neuroanatomical Basis for Posterior Superior Parietal Lobule Control Lateralization of Visuospatial Attention. *Frontiers in Neuroanatomy*, **2016**, 10, 32   3.6   45

326   The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. *NeuroImage*, **2018**, 170, 400-411   7.9   44

325   The impact of MIR137 on dorsolateral prefrontal-hippocampal functional connectivity in healthy subjects. *Neuropsychopharmacology*, **2014**, 39, 2153-60   8.7   44

324	Decreased gyrification in major depressive disorder. *NeuroReport*, **2009**, 20, 378-80	1.7	44
323	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. *Brain*, **2018**, 141, 916-926	11.2	43
322	Sex-dependent correlations between the personality dimension of harm avoidance and the resting-state functional connectivity of amygdala subregions. *PLoS ONE*, **2012**, 7, e35925	3.7	43
321	Quantitative analysis along the pyramidal tract by length-normalized parameterization based on diffusion tensor tractography: application to patients with relapsing neuromyelitis optica. *NeuroImage*, **2006**, 33, 154-60	7.9	43
320	Childhood maltreatment is associated with larger left thalamic gray matter volume in adolescents with generalized anxiety disorder. *PLoS ONE*, **2013**, 8, e71898	3.7	43
319	CFH Variants Affect Structural and Functional Brain Changes and Genetic Risk of Alzheimer's Disease. *Neuropsychopharmacology*, **2016**, 41, 1034-45	8.7	42
318	The development of visual areas depends differently on visual experience. *PLoS ONE*, **2013**, 8, e53784	3.7	42
317	Altered white matter integrity in the congenital and late blind people. *Neural Plasticity*, **2013**, 2013, 128236	3.6	41
316	Aberrant functional organization within and between resting-state networks in AD. *PLoS ONE*, **2013**, 8, e63727	3.7	41
315	Functional topography of the right inferior parietal lobule structured by anatomical connectivity profiles. *Human Brain Mapping*, **2016**, 37, 4316-4332	5.9	39
314	Cerebellum abnormalities in idiopathic generalized epilepsy with generalized tonic-clonic seizures revealed by diffusion tensor imaging. *PLoS ONE*, **2010**, 5, e15219	3.7	39
313	Modularity in the genetic disease-phenotype network. *FEBS Letters*, **2008**, 582, 2549-54	3.8	39
312	Asymmetry of prefrontal cortical convolution complexity in males with attention-deficit/hyperactivity disorder using fractal information dimension. *Brain and Development*, **2007**, 29, 649-55	2.2	39
311	Pixon-based image segmentation with Markov random fields. *IEEE Transactions on Image Processing*, **2003**, 12, 1552-9	8.7	39
310	Side and handedness effects on the cingulum from diffusion tensor imaging. *NeuroReport*, **2005**, 16, 1701-5	1.7	39
309	Bridging Integrator 1 (BIN1) Genotype Effects on Working Memory, Hippocampal Volume, and Functional Connectivity in Young Healthy Individuals. *Neuropsychopharmacology*, **2015**, 40, 1794-803	8.7	38
308	The salience network contributes to an individual's fluid reasoning capacity. *Behavioural Brain Research*, **2012**, 229, 384-90	3.4	38
307	COMT val158met modulates association between brain white matter architecture and IQ. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 375-80	3.5	38

306	Polygenic Risk for Schizophrenia Influences Cortical Gyrification in 2 Independent General Populations. *Schizophrenia Bulletin*, **2017**, 43, 673-680	1.3	38
305	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. *Cerebral Cortex*, **2020**, 30, 888-900	5.1	38
304	Spontaneous brain activity observed with functional magnetic resonance imaging as a potential biomarker in neuropsychiatric disorders. *Cognitive Neurodynamics*, **2010**, 4, 275-94	4.2	37
303	Model-free and analytical EAP reconstruction via spherical polar Fourier diffusion MRI. *Lecture Notes in Computer Science*, **2010**, 13, 590-7	0.9	37
302	Corresponding anatomical and coactivation architecture of the human precuneus showing similar connectivity patterns with macaques. *NeuroImage*, **2019**, 200, 562-574	7.9	36
301	Neuregulin 1 genetic variation and anterior cingulum integrity in patients with schizophrenia and healthy controls. *Journal of Psychiatry and Neuroscience*, **2009**, 34, 181-6	4.5	36
300	Multimodal Fusion With Reference: Searching for Joint Neuromarkers of Working Memory Deficits in Schizophrenia. *IEEE Transactions on Medical Imaging*, **2018**, 37, 93-105	11.7	35
299	Perceptual and response interference in Alzheimer's disease and mild cognitive impairment. *Clinical Neurophysiology*, **2013**, 124, 2389-96	4.3	35
298	Dorsal visual pathway changes in patients with comitant extropia. *PLoS ONE*, **2010**, 5, e10931	3.7	35
297	Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2016**, 52, 913-27	4.3	35
296	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. *Neuropsychopharmacology*, **2018**, 43, 1078-1087	8.7	35
295	The Plasticity of Brain Gray Matter and White Matter following Lower Limb Amputation. *Neural Plasticity*, **2015**, 2015, 823185	3.3	34
294	Altered spontaneous activity in anisometropic amblyopia subjects: revealed by resting-state FMRI. *PLoS ONE*, **2012**, 7, e43373	3.7	34
293	Dosage effects of BDNF Val66Met polymorphism on cortical surface area and functional connectivity. *Journal of Neuroscience*, **2014**, 34, 2645-51	6.6	33
292	Variant in OXTR gene and functional connectivity of the hypothalamus in normal subjects. *NeuroImage*, **2013**, 81, 199-204	7.9	33
291	Abnormalities in the structural covariance of emotion regulation networks in major depressive disorder. *Journal of Psychiatric Research*, **2017**, 84, 237-242	5.2	33
290	Age of onset of blindness affects brain anatomical networks constructed using diffusion tensor tractography. *Cerebral Cortex*, **2013**, 23, 542-51	5.1	33
289	Non-Negative Spherical Deconvolution (NNSD) for estimation of fiber Orientation Distribution Function in single-/multi-shell diffusion MRI. *NeuroImage*, **2014**, 101, 750-64	7.9	32

288	Cortical gyrification reductions and subcortical atrophy in Parkinson's disease. *Movement Disorders*, **2014**, 29, 122-6	7	32
287	Volumetric variation in subregions of the cerebellum correlates with working memory performance. *Neuroscience Letters*, **2012**, 508, 47-51	3.3	32
286	Functional connectivity in healthy subjects is nonlinearly modulated by the COMT and DRD2 polymorphisms in a functional system-dependent manner. *Journal of Neuroscience*, **2013**, 33, 17519-26	6.6	32
285	Cortical thickness is associated with different apolipoprotein E genotypes in healthy elderly adults. *Neuroscience Letters*, **2010**, 479, 332-6	3.3	32
284	CRISPR/Cas9-mediated PINK1 deletion leads to neurodegeneration in rhesus monkeys. *Cell Research*, **2019**, 29, 334-336	24.7	32
283	Impaired Parahippocampus Connectivity in Mild Cognitive Impairment and Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2016**, 49, 1051-64	4.3	31
282	Fingerprint registration by maximization of mutual information. *IEEE Transactions on Image Processing*, **2006**, 15, 1100-10	8.7	31
281	Esub8: a novel tool to predict protein subcellular localizations in eukaryotic organisms. *BMC Bioinformatics*, **2004**, 5, 66	3.6	31
280	DiffusionKit: A light one-stop solution for diffusion MRI data analysis. *Journal of Neuroscience Methods*, **2016**, 273, 107-119	3	31
279	Increased regional homogeneity of blood oxygen level-dependent signals in occipital cortex of early blind individuals. *NeuroReport*, **2011**, 22, 190-4	1.7	30
278	Altered structural connectome in adolescent socially isolated mice. *NeuroImage*, **2016**, 139, 259-270	7.9	29
277	Regional white matter decreases in Alzheimer's disease using optimized voxel-based morphometry. *Acta Radiologica*, **2008**, 49, 84-90	2	29
276	Less efficient information transfer in Cys-allele carriers of DISC1: a brain network study based on diffusion MRI. *Cerebral Cortex*, **2013**, 23, 1715-23	5.1	28
275	The neuronal correlates of digits backward are revealed by voxel-based morphometry and resting-state functional connectivity analyses. *PLoS ONE*, **2012**, 7, e31877	3.7	28
274	Prognostication of chronic disorders of consciousness using brain functional networks and clinical characteristics. *ELife*, **2018**, 7,	8.9	28
273	Connectivity Profiles Reveal a Transition Subarea in the Parahippocampal Region That Integrates the Anterior Temporal-Posterior Medial Systems. *Journal of Neuroscience*, **2016**, 36, 2782-95	6.6	28
272	Impacts of PICALM and CLU variants associated with Alzheimer's disease on the functional connectivity of the hippocampus in healthy young adults. *Brain Structure and Function*, **2015**, 220, 1463-75	4	27
271	Independent and reproducible hippocampal radiomic biomarkers for multisite Alzheimer's disease: diagnosis, longitudinal progress and biological basis. *Science Bulletin*, **2020**, 65, 1103-1113	10.6	27

270	Increased white matter integrity of posterior cingulate gyrus in the evolution of post-traumatic stress disorder. *Acta Neuropsychiatrica*, **2012**, 24, 34-42	3.9	27
269	The neural correlates of risk propensity in males and females using resting-state fMRI. *Frontiers in Behavioral Neuroscience*, **2014**, 8, 2	3.5	27
268	Reduced prefrontal activation during Tower of London in first-episode schizophrenia: a multi-channel near-infrared spectroscopy study. *Neuroscience Letters*, **2010**, 478, 136-40	3.3	27
267	Haplotypes of catechol-O-methyltransferase modulate intelligence-related brain white matter integrity. *NeuroImage*, **2010**, 50, 243-9	7.9	27
266	Cell image segmentation with kernel-based dynamic clustering and an ellipsoidal cell shape model. *Journal of Biomedical Informatics*, **2001**, 34, 67-73	10.2	27
265	is a novel risk gene for Alzheimer's disease in Han Chinese. *National Science Review*, **2019**, 6, 257-274	10.8	27
264	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. *Schizophrenia Bulletin*, **2019**, 45, 436-449	1.3	27
263	Auditory verbal hallucinations are related to cortical thinning in the left middle temporal gyrus of patients with schizophrenia. *Psychological Medicine*, **2018**, 48, 115-122	6.9	26
262	A lateralized top-down network for visuospatial attention and neglect. *Brain Imaging and Behavior*, **2016**, 10, 1029-1037	4.1	26
261	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. *Frontiers in Neuroinformatics*, **2018**, 12, 52	3.9	26
260	Improving image quality of diffuse optical tomography with a projection-error-based adaptive regularization method. *Optics Express*, **2008**, 16, 12423-34	3.3	25
259	Nonrigid registration of brain MRI using NURBS. *Pattern Recognition Letters*, **2007**, 28, 214-223	4.7	25
258	Offline memory reprocessing: involvement of the brain's default network in spontaneous thought processes. *PLoS ONE*, **2009**, 4, e4867	3.7	25
257	Multimodal connectivity-based parcellation reveals a shell-core dichotomy of the human nucleus accumbens. *Human Brain Mapping*, **2017**, 38, 3878-3898	5.9	24
256	Abnormal functional connectivity density in Parkinson's disease. *Behavioural Brain Research*, **2015**, 280, 113-8	3.4	24
255	Regional atrophy of the basal ganglia and thalamus in idiopathic generalized epilepsy. *Journal of Magnetic Resonance Imaging*, **2011**, 33, 817-21	5.6	24
254	White matter microstructural abnormalities in patients with late-onset schizophrenia identified by a voxel-based diffusion tensor imaging. *Psychiatry Research - Neuroimaging*, **2013**, 212, 201-7	2.9	23
253	A robust and accurate algorithm for estimating the complexity of the cortical surface. *Journal of Neuroscience Methods*, **2008**, 172, 122-30	3	23

252	Exploring candidate genes for human brain diseases from a brain-specific gene network. *Biochemical and Biophysical Research Communications*, **2006**, 349, 1308-14	3.4	23
251	Sex-specific neural circuits of emotion regulation in the centromedial amygdala. *Scientific Reports*, **2016**, 6, 23112	4.9	23
250	The Structural Connectivity Pattern of the Default Mode Network and Its Association with Memory and Anxiety. *Frontiers in Neuroanatomy*, **2015**, 9, 152	3.6	22
249	An evolutionary tabu search for cell image segmentation. *IEEE Transactions on Systems, Man, and Cybernetics*, **2002**, 32, 675-8		22
248	Common and Specific Functional Activity Features in Schizophrenia, Major Depressive Disorder, and Bipolar Disorder. *Frontiers in Psychiatry*, **2019**, 10, 52	5	22
247	Altered regional connectivity reflecting effects of different anaesthesia protocols in the mouse brain. *NeuroImage*, **2017**, 149, 190-199	7.9	21
246	The effect of body-mind relaxation meditation induction on major depressive disorder: A resting-state fMRI study. *Journal of Affective Disorders*, **2015**, 183, 75-82	6.6	21
245	Alteration of resting brain function by genetic variation in angiotensin converting enzyme in amnestic-type mild cognitive impairment of Chinese Han. *Behavioural Brain Research*, **2010**, 208, 619-25	3.4	21
244	A Riemannian framework for orientation distribution function computing. *Lecture Notes in Computer Science*, **2009**, 12, 911-8	0.9	21
243	Generalizable, Reproducible, and Neuroscientifically Interpretable Imaging Biomarkers for Alzheimer's Disease. *Advanced Science*, **2020**, 7, 2000675	13.6	20
242	Brainnetome-wide association studies in schizophrenia: the advances and future. *Neuroscience and Biobehavioral Reviews*, **2013**, 37, 2818-35	9	20
241	Cortical thickness development of human primary visual cortex related to the age of blindness onset. *Brain Imaging and Behavior*, **2017**, 11, 1029-1036	4.1	20
240	Catechol-O-methyltransferase Val158Met polymorphism modulates gray matter volume and functional connectivity of the default mode network. *PLoS ONE*, **2013**, 8, e78697	3.7	20
239	Default network and intelligence difference. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2009**, 2009, 2212-5	0.9	20
238	Altered functional connectivity of the marginal division in Alzheimer's disease. *Current Alzheimer Research*, **2014**, 11, 145-55	3	20
237	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. *EBioMedicine*, **2018**, 37, 471-482	8.8	20
236	Occipital cortical gyrification reductions associate with decreased functional connectivity in amyotrophic lateral sclerosis. *Brain Imaging and Behavior*, **2017**, 11, 1-7	4.1	19
235	Tumor border sharpness correlates with HLA-G expression in low-grade gliomas. *Journal of Neuroimmunology*, **2015**, 282, 1-6	3.5	19

234	DISC1 Ser704Cys impacts thalamic-prefrontal connectivity. *Brain Structure and Function*, **2015**, 220, 91-100	4	19
233	Disrupted effective connectivity of the sensorimotor network in amyotrophic lateral sclerosis. *Journal of Neurology*, **2016**, 263, 508-16	5.5	19
232	Alterations of Regional Spontaneous Brain Activity and Gray Matter Volume in the Blind. *Neural Plasticity*, **2015**, 2015, 141950	3.3	19
231	Robust brain parcellation using sparse representation on resting-state fMRI. *Brain Structure and Function*, **2015**, 220, 3565-79	4	19
230	A review of EEG and MEG for brainnetome research. *Cognitive Neurodynamics*, **2014**, 8, 87-98	4.2	19
229	Residual low ADC and high FA at the resection margin correlate with poor chemoradiation response and overall survival in high-grade glioma patients. *European Journal of Radiology*, **2016**, 85, 657-64	4.7	18
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