

Tianzi Jiang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Multimodal Brain Imaging Fusion for the White-Matter Fiber Architecture in the Human Brain.. <i>Neuroscience Bulletin</i> , 2022 , 1	4.3	0
430	Predicting Treatment Response in Schizophrenia With Magnetic Resonance Imaging and Polygenic Risk Score.. <i>Frontiers in Genetics</i> , 2022 , 13, 848205	4.5	0
429	Consistent brain structural abnormalities and multisite individualised classification of schizophrenia using deep neural networks.. <i>British Journal of Psychiatry</i> , 2022 , 1-8	5.4	1
428	Neural indicator of positive reappraisal: A TMS-EEG study over the left VLPFC.. <i>Journal of Affective Disorders</i> , 2022 , 300, 418-418	6.6	0
427	The human mediodorsal thalamus: Organization, connectivity, and function.. <i>NeuroImage</i> , 2022 , 249, 118876	7.9	0
426	An attention-based hybrid deep learning framework integrating brain connectivity and activity of resting-state functional MRI data.. <i>Medical Image Analysis</i> , 2022 , 78, 102413	15.4	1
425	Anterior-posterior hippocampal dynamics support working memory processing. <i>Journal of Neuroscience</i> , 2021 ,	6.6	1
424	Neurogenic-dependent changes in hippocampal circuitry underlie the procognitive effect of exercise in aging mice. <i>IScience</i> , 2021 , 24, 103450	6.1	1
423	Individual Discriminative Ability of Resting Functional Brain Connectivity is Susceptible to the Time Span of MRI Scans.. <i>Neuroscience</i> , 2021 , 482, 43-52	3.9	0
422	Precise Modulation Strategies for Transcranial Magnetic Stimulation: Advances and Future Directions. <i>Neuroscience Bulletin</i> , 2021 , 37, 1718-1734	4.3	0
421	Multisite schizophrenia classification by integrating structural magnetic resonance imaging data with polygenic risk score. <i>NeuroImage: Clinical</i> , 2021 , 32, 102860	5.3	1
420	Sex-related Difference in Mental Rotation Performance is Mediated by the special Functional Connectivity Between the Default Mode and Salience Networks. <i>Neuroscience</i> , 2021 , 478, 65-74	3.9	0
419	Wearable wireless real-time cerebral oximeter for measuring regional cerebral oxygen saturation. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	1
418	Functional Connectivity Predicts Individual Development of Inhibitory Control during Adolescence. <i>Cerebral Cortex</i> , 2021 , 31, 2686-2700	5.1	5
417	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021 , 228, 117685	7.9	10
416	AI4AD: Artificial intelligence analysis for Alzheimer's disease classification based on a multisite DTI database. <i>Brain Disorders</i> , 2021 , 1, 100005		5
415	Development of Individual Variability in Brain Functional Connectivity and Capability across the Adult Lifespan. <i>Cerebral Cortex</i> , 2021 , 31, 3925-3938	5.1	2

414	An Attention-Based Hybrid Deep Learning Framework Integrating Temporal Coherence And Dynamics For Discriminating Schizophrenia 2021 ,		1
413	Cingulum White Matter Integrity as a Mediator Between Harm Avoidance and Hostility. <i>Neuroscience</i> , 2021 , 461, 36-43	3.9	0
412	Combination of Biomedical Techniques and Paradigms to Improve Prognostications for Disorders of Consciousness. <i>Neuroscience Bulletin</i> , 2021 , 37, 1082-1084	4.3	0
411	Developing Neuroimaging Biomarker for Brain Diseases with a Machine Learning Framework and the Brainnetome Atlas. <i>Neuroscience Bulletin</i> , 2021 , 37, 1523-1525	4.3	1
410	Pairwise interactions in gene expression determine a hierarchical transcriptional profile in the human brain. <i>Science Bulletin</i> , 2021 , 66, 1437-1447	10.6	1
409	Compact MR Magnet Design Methodology for Superconducting Animal MRI Scanner. <i>IEEE Transactions on Applied Superconductivity</i> , 2021 , 31, 1-6	1.8	
408	Gray Matter-Based Age Prediction Characterizes Different Regional Patterns. <i>Neuroscience Bulletin</i> , 2021 , 37, 94-98	4.3	0
407	New Trajectory of Clinical and Biomarker Changes in Sporadic Alzheimer's Disease. <i>Cerebral Cortex</i> , 2021 , 31, 3363-3373	5.1	1
406	Connectional asymmetry of the inferior parietal lobule shapes hemispheric specialization in humans, chimpanzees, and rhesus macaques. <i>ELife</i> , 2021 , 10,	8.9	9
405	Neural Mechanism of Noise Affecting Face Recognition. <i>Neuroscience</i> , 2021 , 468, 211-219	3.9	1
404	Grab-AD: Generalizability and reproducibility of altered brain activity and diagnostic classification in Alzheimer's Disease. <i>Human Brain Mapping</i> , 2020 , 41, 3379-3391	5.9	15
403	Functional network connectivity (FNC)-based generative adversarial network (GAN) and its applications in classification of mental disorders. <i>Journal of Neuroscience Methods</i> , 2020 , 341, 108756	3	11
402	MonkeyCBP: A Toolbox for Connectivity-Based Parcellation of Monkey Brain. <i>Frontiers in Neuroinformatics</i> , 2020 , 14, 14	3.9	3
401	Generalizable, Reproducible, and Neuroscientifically Interpretable Imaging Biomarkers for Alzheimer's Disease. <i>Advanced Science</i> , 2020 , 7, 2000675	13.6	20
400	Hierarchy of Connectivity-Function Relationship of the Human Cortex Revealed through Predicting Activity across Functional Domains. <i>Cerebral Cortex</i> , 2020 , 30, 4607-4616	5.1	5
399	A neuroimaging biomarker for striatal dysfunction in schizophrenia. <i>Nature Medicine</i> , 2020 , 26, 558-565	50.5	45
398	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	10.6	27
397	Anatomical Connectivity-Based Strategy for Targeting Transcranial Magnetic Stimulation as Antidepressant Therapy. <i>Frontiers in Psychiatry</i> , 2020 , 11, 236	5	1

396	Constrain Latent Space for Schizophrenia Classification via Dual Space Mapping Net. <i>Lecture Notes in Computer Science</i> , 2020 , 85-94	0.9	
395	Impact of AVM location on language cortex right-hemisphere reorganization: A voxel-based lesion-symptom mapping study. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 189, 105628	2	3
394	Changes of Effective Connectivity in the Alpha Band Characterize Differential Processing of Audiovisual Information in Cross-Modal Selective Attention. <i>Neuroscience Bulletin</i> , 2020 , 36, 1009-1022	4.3	0
393	A dedicated eight-channel receive RF coil array for monkey brain MRI at 9.4 T. <i>NMR in Biomedicine</i> , 2020 , 33, e4369	4.4	0
392	Fine-Grained Topography and Modularity of the Macaque Frontal Pole Cortex Revealed by Anatomical Connectivity Profiles. <i>Neuroscience Bulletin</i> , 2020 , 36, 1454-1473	4.3	2
391	Orbitofrontal cortex volume links polygenic risk for smoking with tobacco use in healthy adolescents. <i>Psychological Medicine</i> , 2020 , 1-8	6.9	2
390	Multiscale neurobiological correlates of human neuroticism. <i>Human Brain Mapping</i> , 2020 , 41, 4730-4743	5.9	4
389	Schizophrenia-related abnormalities in the triple network: a meta-analysis of working memory studies. <i>Brain Imaging and Behavior</i> , 2020 , 14, 971-980	4.1	6
388	polygenic risk is associated with schizophrenia and affects functional connectivity of the dorsolateral prefrontal cortex. <i>Psychological Medicine</i> , 2020 , 50, 1510-1518	6.9	2
387	Polygenic effects of schizophrenia on hippocampal grey matter volume and hippocampus-medial prefrontal cortex functional connectivity. <i>British Journal of Psychiatry</i> , 2020 , 216, 267-274	5.4	13
386	White matter microstructural differences across major depressive disorder, bipolar disorder and schizophrenia: A tract-based spatial statistics study. <i>Journal of Affective Disorders</i> , 2020 , 260, 281-286	6.6	9
385	A common variant in OXTR rs53576 impacts topological patterns of brain functional networks. <i>European Child and Adolescent Psychiatry</i> , 2020 , 29, 993-1002	5.5	5
384	Functional maintenance in the multiple demand network characterizes superior fluid intelligence in aging. <i>Neurobiology of Aging</i> , 2020 , 85, 145-153	5.6	4
383	Common functional networks in the mouse brain revealed by multi-centre resting-state fMRI analysis. <i>NeuroImage</i> , 2020 , 205, 116278	7.9	69
382	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1979-1993	4.1	16
381	Reconstruction of behavior-relevant individual brain activity: an individualized fMRI study. <i>Science China Life Sciences</i> , 2020 , 63, 410-418	8.5	4
380	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. <i>Cerebral Cortex</i> , 2020 , 30, 888-900	5.1	38
379	Prognostic models for prolonged disorders of consciousness: an integrative review. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 3945-3961	10.3	7

378	Power Spectral Analysis in Lateralized Temporal Lobe Epilepsy: An MEG Study. <i>Journal of Physics: Conference Series</i> , 2019 , 1168, 032121	0.3	
377	Attention-based 3D Convolutional Network for Alzheimer's Disease Diagnosis and Biomarkers Exploration 2019 ,		12
376	Short-term synaptic plasticity expands the operational range of long-term synaptic changes in neural networks. <i>Neural Networks</i> , 2019 , 118, 140-147	9.1	4
375	Pairwise Interactions among Brain Regions Organize Large-Scale Functional Connectivity during Execution of Various Tasks. <i>Neuroscience</i> , 2019 , 412, 190-206	3.9	3
374	Interspecies Differences in the Connectivity of Ventral Striatal Components Between Humans and Macaques. <i>Frontiers in Neuroscience</i> , 2019 , 13, 623	5.1	4
373	Reliable heritability estimation using sparse regularization in ultrahigh dimensional genome-wide association studies. <i>BMC Bioinformatics</i> , 2019 , 20, 219	3.6	2
372	ASAF: altered spontaneous activity fingerprinting in Alzheimer's disease based on multisite fMRI. <i>Science Bulletin</i> , 2019 , 64, 998-1010	10.6	14
371	Activation-based association profiles differentiate network roles across cognitive loads. <i>Human Brain Mapping</i> , 2019 , 40, 2800-2812	5.9	6
370	Automated brain extraction and immersive exploration of its layers in virtual reality for the rhesus macaque MRI data sets. <i>Computer Animation and Virtual Worlds</i> , 2019 , 30, e1841	0.9	7
369	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site fMRI data. <i>EBioMedicine</i> , 2019 , 47, 543-552	8.8	56
368	Multi-Scale Expressions of One Optimal State Regulated by Dopamine in the Prefrontal Cortex. <i>Frontiers in Physiology</i> , 2019 , 10, 113	4.6	4
367	Impact of COMT haplotypes on functional connectivity density and its association with the gene expression of dopamine receptors. <i>Brain Structure and Function</i> , 2019 , 224, 2619-2630	4	1
366	Fine-Grained Parcellation of the Macaque Nucleus Accumbens by High-Resolution Diffusion Tensor Tractography. <i>Frontiers in Neuroscience</i> , 2019 , 13, 709	5.1	3
365	Corresponding anatomical and coactivation architecture of the human precuneus showing similar connectivity patterns with macaques. <i>NeuroImage</i> , 2019 , 200, 562-574	7.9	36
364	Cortical thinning and flattening in schizophrenia and their unaffected parents. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 935-946	3.1	11
363	Common and Specific Functional Activity Features in Schizophrenia, Major Depressive Disorder, and Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019 , 10, 52	5	22
362	CRISPR/Cas9-mediated PINK1 deletion leads to neurodegeneration in rhesus monkeys. <i>Cell Research</i> , 2019 , 29, 334-336	24.7	32
361	is a novel risk gene for Alzheimer's disease in Han Chinese. <i>National Science Review</i> , 2019 , 6, 257-274	10.8	27

360	Hyperconnectivity in perisylvian language pathways in schizophrenia with auditory verbal hallucinations: A multi-site diffusion MRI study. <i>Schizophrenia Research</i> , 2019 , 210, 262-269	3.6	12
359	Altered Functional Connectivity of the Primary Visual Cortex in Adult Comitant Strabismus: A Resting-State Functional MRI Study. <i>Current Eye Research</i> , 2019 , 44, 316-323	2.9	13
358	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019 , 45, 436-449	1.3	27
357	Core networks and their reconfiguration patterns across cognitive loads. <i>Human Brain Mapping</i> , 2018 , 39, 3546-3557	5.9	16
356	Both activated and less-activated regions identified by functional MRI reconfigure to support task executions. <i>Brain and Behavior</i> , 2018 , 8, e00893	3.4	10
355	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018 , 141, 916-926	11.2	43
354	Polygenic risk for Alzheimer's disease influences precuneal volume in two independent general populations. <i>Neurobiology of Aging</i> , 2018 , 64, 116-122	5.6	16
353	Multilocus genetic profile in dopaminergic pathway modulates the striatum and working memory. <i>Scientific Reports</i> , 2018 , 8, 5372	4.9	7
352	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. <i>NeuroImage</i> , 2018 , 170, 400-411	7.9	44
351	Prefrontal dysconnectivity links to working memory deficit in first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2018 , 12, 335-344	4.1	7
350	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	6.9	26
349	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	11.7	35
348	Parcellation of Macaque Cortex with Anatomical Connectivity Profiles. <i>Brain Topography</i> , 2018 , 31, 161-173	17.3	10
347	Influence of inter-stimulus interval of spinal cord stimulation in patients with disorders of consciousness: A preliminary functional near-infrared spectroscopy study. <i>NeuroImage: Clinical</i> , 2018 , 17, 1-9	5.3	12
346	Brain Network Studies in Chronic Disorders of Consciousness: Advances and Perspectives. <i>Neuroscience Bulletin</i> , 2018 , 34, 592-604	4.3	17
345	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018 , 9, 3028	17.4	71
344	Left Parietal Functional Connectivity Mediates the Association Between rs4633 and Verbal Intelligence in Healthy Adults. <i>Frontiers in Neuroscience</i> , 2018 , 12, 233	5.1	2
343	Spinal Cord Stimulation Frequency Influences the Hemodynamic Response in Patients with Disorders of Consciousness. <i>Neuroscience Bulletin</i> , 2018 , 34, 659-667	4.3	4

342	Association between cerebral dopamine neurotrophic factor (CDNF) 2 polymorphisms and schizophrenia susceptibility and symptoms in the Han Chinese population. <i>Behavioral and Brain Functions</i> , 2018 , 14, 1	4.1	10
341	Subdivisions of the posteromedial cortex in disorders of consciousness. <i>NeuroImage: Clinical</i> , 2018 , 20, 260-266	5.3	4
340	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018 , 183, 366-374	4.4	45
339	BRANT: A Versatile and Extendable Resting-State fMRI Toolkit. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 52	3.9	26
338	Separate Neural Networks for Gains and Losses in Intertemporal Choice. <i>Neuroscience Bulletin</i> , 2018 , 34, 725-735	4.3	9
337	Prognostication of chronic disorders of consciousness using brain functional networks and clinical characteristics. <i>ELife</i> , 2018 , 7,	8.9	28
336	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018 , 43, 1078-1087	8.7	35
335	Altered corticostriatal pathway in first-episode paranoid schizophrenia: Resting-state functional and causal connectivity analyses. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 272, 38-45	2.9	11
334	Abnormal Dynamic Functional Network Connectivity and Graph Theoretical Analysis in Major Depressive Disorder. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 558-561	0.9	3
333	Test-retest Reliability of Functional Connectivity and Graph Metrics in the Resting Brain Network. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 1028-1031	0.9	1
332	Rostro-caudal organization of the human posterior superior temporal sulcus revealed by connectivity profiles. <i>Human Brain Mapping</i> , 2018 , 39, 5112-5125	5.9	8
331	Interictal Abnormalities of Neuromagnetic Gamma Oscillations in Migraine Following Negative Emotional Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 169	3.5	3
330	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018 , 37, 471-482	8.8	20
329	Alterations of Gray Matter Volume and White Matter Integrity in Maternal Deprivation Monkeys. <i>Neuroscience</i> , 2018 , 384, 14-20	3.9	6
328	Automatic Lateralization of Temporal Lobe Epilepsy Based on MEG Network Features Using Support Vector Machines. <i>Complexity</i> , 2018 , 2018, 1-10	1.6	12
327	Occipital cortical gyrification reductions associate with decreased functional connectivity in amyotrophic lateral sclerosis. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1-7	4.1	19
326	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. <i>NeuroImage</i> , 2017 , 145, 218-229	7.9	65
325	Altered regional connectivity reflecting effects of different anaesthesia protocols in the mouse brain. <i>NeuroImage</i> , 2017 , 149, 190-199	7.9	21

324	Modulation of APOE and SORL1 genes on hippocampal functional connectivity in healthy young adults. <i>Brain Structure and Function</i> , 2017 , 222, 2877-2889	4	12
323	Biological Subtypes Bridge Diagnoses and Biomarkers: A Novel Research Track for Mental Disorders. <i>Neuroscience Bulletin</i> , 2017 , 33, 351-353	4.3	4
322	Cross-cultural consistency and diversity in intrinsic functional organization of Broca's Region. <i>NeuroImage</i> , 2017 , 150, 177-190	7.9	13
321	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	5.3	56
320	Paracingulate Sulcus Asymmetry in the Human Brain: Effects of Sex, Handedness, and Race. <i>Scientific Reports</i> , 2017 , 7, 42033	4.9	9
319	Modeling Rett Syndrome Using TALEN-Edited MECP2 Mutant Cynomolgus Monkeys. <i>Cell</i> , 2017 , 169, 945-955.e10	56.2	101
318	Multimodal connectivity-based parcellation reveals a shell-core dichotomy of the human nucleus accumbens. <i>Human Brain Mapping</i> , 2017 , 38, 3878-3898	5.9	24
317	Visual deprivation selectively reshapes the intrinsic functional architecture of the anterior insula subregions. <i>Scientific Reports</i> , 2017 , 7, 45675	4.9	4
316	Altered microstructure rather than morphology in the corpus callosum after lower limb amputation. <i>Scientific Reports</i> , 2017 , 7, 44780	4.9	9
315	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	15.1	47
314	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	5.9	63
313	Weak Higher-Order Interactions in Macroscopic Functional Networks of the Resting Brain. <i>Journal of Neuroscience</i> , 2017 , 37, 10481-10497	6.6	6
312	APOE and KIBRA Interactions on Brain Functional Connectivity in Healthy Young Adults. <i>Cerebral Cortex</i> , 2017 , 27, 4797-4805	5.1	7
311	ALDH2 Glu504Lys Confers Susceptibility to Schizophrenia and Impacts Hippocampal-Prefrontal Functional Connectivity. <i>Cerebral Cortex</i> , 2017 , 27, 2034-2040	5.1	6
310	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. <i>Cerebral Cortex</i> , 2017 , 27, 2095-2110	5.1	52
309	Mapping Underlying Maturation Changes in Human Brain. <i>Neuroscience Bulletin</i> , 2017 , 33, 478-480	4.3	5
308	Interaction effect between 5-HTTLPR and HTR1A rs6295 polymorphisms on the frontoparietal network. <i>Neuroscience</i> , 2017 , 362, 239-247	3.9	4
307	Cortical thickness development of human primary visual cortex related to the age of blindness onset. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1029-1036	4.1	20

306	Abnormalities in the structural covariance of emotion regulation networks in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2017 , 84, 237-242	5.2	33
305	Regional selection of the brain size regulating gene CASC5 provides new insight into human brain evolution. <i>Human Genetics</i> , 2017 , 136, 193-204	6.3	9
304	Predicting individualized intelligence quotient scores using brainnetome-atlas based functional connectivity 2017 ,		1
303	Task Performance Modulates Functional Connectivity Involving the Dorsolateral Prefrontal Cortex in Patients with Schizophrenia. <i>Frontiers in Psychology</i> , 2017 , 8, 56	3.4	5
302	Hemispheric differences in electrical and hemodynamic responses during hemifield visual stimulation with graded contrasts. <i>Biomedical Optics Express</i> , 2017 , 8, 2018-2035	3.5	3
301	ATPP: A Pipeline for Automatic Tractography-Based Brain Parcellation. <i>Frontiers in Neuroinformatics</i> , 2017 , 11, 35	3.9	10
300	Polygenic Risk for Schizophrenia Influences Cortical Gyrfication in 2 Independent General Populations. <i>Schizophrenia Bulletin</i> , 2017 , 43, 673-680	1.3	38
299	Prefrontal Volume Mediates Effect of COMT Polymorphism on Interference Resolution Capacity in Healthy Male Adults. <i>Cerebral Cortex</i> , 2017 , 27, 5211-5221	5.1	4
298	Identifying functional subdivisions in the human brain using meta-analytic activation modeling-based parcellation. <i>NeuroImage</i> , 2016 , 124, 300-309	7.9	16
297	Altered structural connectome in adolescent socially isolated mice. <i>NeuroImage</i> , 2016 , 139, 259-270	7.9	29
296	Correlation between electrical and hemodynamic responses during visual stimulation with graded contrasts. <i>Journal of Biomedical Optics</i> , 2016 , 21, 091315	3.5	5
295	Functional topography of the right inferior parietal lobule structured by anatomical connectivity profiles. <i>Human Brain Mapping</i> , 2016 , 37, 4316-4332	5.9	39
294	The effects of a genome-wide supported variant in the CACNA1C gene on cortical morphology in schizophrenia patients and healthy subjects. <i>Scientific Reports</i> , 2016 , 6, 34298	4.9	2
293	Gain-loss asymmetry in neural correlates of temporal discounting: An approach-avoidance motivation perspective. <i>Scientific Reports</i> , 2016 , 6, 31902	4.9	9
292	Supervised multimodal fusion and its application in searching joint neuromarkers of working memory deficits in schizophrenia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 4021-4026	0.9	3
291	Impact of PICALM and CLU on hippocampal degeneration. <i>Human Brain Mapping</i> , 2016 , 37, 2419-30	5.9	15
290	Functional organization of the fusiform gyrus revealed with connectivity profiles. <i>Human Brain Mapping</i> , 2016 , 37, 3003-16	5.9	48
289	Sex-specific mediation effect of the right fusiform face area volume on the association between variants in repeat length of AVPR1A RS3 and altruistic behavior in healthy adults. <i>Human Brain Mapping</i> , 2016 , 37, 2700-9	5.9	13

288	Interactions of genetic variants reveal inverse modulation patterns of dopamine system on brain gray matter volume and resting-state functional connectivity in healthy young adults. <i>Brain Structure and Function</i> , 2016 , 221, 3891-3901	4	12
287	Disrupted effective connectivity of the sensorimotor network in amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2016 , 263, 508-16	5.5	19
286	Genetic Effects on Fine-Grained Human Cortical Regionalization. <i>Cerebral Cortex</i> , 2016 , 26, 3732-43	5.1	7
285	Modulation effect of the SORL1 gene on functional connectivity density in healthy young adults. <i>Brain Structure and Function</i> , 2016 , 221, 4103-4110	4	1
284	Residual low ADC and high FA at the resection margin correlate with poor chemoradiation response and overall survival in high-grade glioma patients. <i>European Journal of Radiology</i> , 2016 , 85, 657-64	4.7	18
283	CFH Variants Affect Structural and Functional Brain Changes and Genetic Risk of Alzheimer's Disease. <i>Neuropsychopharmacology</i> , 2016 , 41, 1034-45	8.7	42
282	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	6.6	82
281	A lateralized top-down network for visuospatial attention and neglect. <i>Brain Imaging and Behavior</i> , 2016 , 10, 1029-1037	4.1	26
280	Enhanced Functional Coupling of Hippocampal Sub-regions in Congenitally and Late Blind Subjects. <i>Frontiers in Neuroscience</i> , 2016 , 10, 612	5.1	2
279	Impaired Parahippocampus Connectivity in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 1051-64	4.3	31
278	The Neuroanatomical Basis for Posterior Superior Parietal Lobule Control Lateralization of Visuospatial Attention. <i>Frontiers in Neuroanatomy</i> , 2016 , 10, 32	3.6	45
277	Distinct Changes in Functional Connectivity in Posteromedial Cortex Subregions during the Progress of Alzheimer's Disease. <i>Frontiers in Neuroanatomy</i> , 2016 , 10, 41	3.6	18
276	Changed Hub and Corresponding Functional Connectivity of Subgenual Anterior Cingulate Cortex in Major Depressive Disorder. <i>Frontiers in Neuroanatomy</i> , 2016 , 10, 120	3.6	56
275	Resting-State Coupling between Core Regions within the Central-Executive and Salience Networks Contributes to Working Memory Performance. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 27	3.5	18
274	Progressive Thinning of Visual Motion Area in Lower Limb Amputees. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 79	3.3	10
273	New Insights into Signed Path Coefficient Granger Causality Analysis. <i>Frontiers in Neuroinformatics</i> , 2016 , 10, 47	3.9	3
272	Interaction of COMT rs4680 and BDNF rs6265 polymorphisms on functional connectivity density of the left frontal eye field in healthy young adults. <i>Human Brain Mapping</i> , 2016 , 37, 2468-78	5.9	9
271	Effects of Long-term Diving Training on Cortical Gyration. <i>Scientific Reports</i> , 2016 , 6, 28243	4.9	5

270	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, 913-27	4.3	35
269	Human Brainnetome Atlas and Its Potential Applications in Brain-Inspired Computing. <i>Lecture Notes in Computer Science</i> , 2016 , 1-14	0.9	4
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4	Hierarchy of connectivity-function relationship of the human cortex revealed through predicting activity across functional domains		1
3	Uncovering the Genetic Profiles Underlying the Intrinsic Organization of the Human Cerebellum		1
2	BAI-Net: Individualized Human Cerebral Cartography using Graph Convolutional Network		1
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