

Jiayu Chen

List of Publications by Citations

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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.

231
papers

10,984
citations

51
h-index

97
g-index

244
ext. papers

14,169
ext. citations

5.1
avg, IF

6.53
L-index

#	Paper	IF	Citations
231	Aberrant "default mode" functional connectivity in schizophrenia. <i>American Journal of Psychiatry</i> , 2007 , 164, 450-7	11.9	855
230	The chronnectome: time-varying connectivity networks as the next frontier in fMRI data discovery. <i>Neuron</i> , 2014 , 84, 262-74	13.9	762
229	Estimating the number of independent components for functional magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2007 , 28, 1251-66	5.9	669
228	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018 , 84, 644-654	7.9	325
227	Deep learning for neuroimaging: a validation study. <i>Frontiers in Neuroscience</i> , 2014 , 8, 229	5.1	324
226	Dynamic connectivity states estimated from resting fMRI Identify differences among Schizophrenia, bipolar disorder, and healthy control subjects. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 897	3.3	271
225	A review of multivariate methods for multimodal fusion of brain imaging data. <i>Journal of Neuroscience Methods</i> , 2012 , 204, 68-81	3	237
224	Source-based morphometry: the use of independent component analysis to identify gray matter differences with application to schizophrenia. <i>Human Brain Mapping</i> , 2009 , 30, 711-24	5.9	236
223	Deep neural network with weight sparsity control and pre-training extracts hierarchical features and enhances classification performance: Evidence from whole-brain resting-state functional connectivity patterns of schizophrenia. <i>NeuroImage</i> , 2016 , 124, 127-146	7.9	209
222	Classification of schizophrenia and bipolar patients using static and dynamic resting-state fMRI brain connectivity. <i>NeuroImage</i> , 2016 , 134, 645-657	7.9	186
221	Multimodal fusion of brain imaging data: A key to finding the missing link(s) in complex mental illness. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 230-244	3.4	175
220	Multivariate analysis reveals genetic associations of the resting default mode network in psychotic bipolar disorder and schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2066-75	11.5	168
219	Feature-based fusion of medical imaging data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009 , 13, 711-20		142
218	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015 , 41, 1133-42	1.3	136
217	Assessing dynamic brain graphs of time-varying connectivity in fMRI data: application to healthy controls and patients with schizophrenia. <i>NeuroImage</i> , 2015 , 107, 345-355	7.9	136
216	Dynamic changes of spatial functional network connectivity in healthy individuals and schizophrenia patients using independent vector analysis. <i>NeuroImage</i> , 2014 , 90, 196-206	7.9	132
215	Interaction among subsystems within default mode network diminished in schizophrenia patients: A dynamic connectivity approach. <i>Schizophrenia Research</i> , 2016 , 170, 55-65	3.6	130

214	Classification of schizophrenia patients based on resting-state functional network connectivity. <i>Frontiers in Neuroscience</i> , 2013 , 7, 133	5.1	117
213	In search of multimodal neuroimaging biomarkers of cognitive deficits in schizophrenia. <i>Biological Psychiatry</i> , 2015 , 78, 794-804	7.9	111
212	A multi-site resting state fMRI study on the amplitude of low frequency fluctuations in schizophrenia. <i>Frontiers in Neuroscience</i> , 2013 , 7, 137	5.1	111
211	Replicability of time-varying connectivity patterns in large resting state fMRI samples. <i>NeuroImage</i> , 2017 , 163, 160-176	7.9	110
210	The MCIC collection: a shared repository of multi-modal, multi-site brain image data from a clinical investigation of schizophrenia. <i>Neuroinformatics</i> , 2013 , 11, 367-88	3.2	107
209	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. <i>Biological Psychiatry</i> , 2017 , 82, 165-175	7.9	104
208	Function-structure associations of the brain: evidence from multimodal connectivity and covariance studies. <i>NeuroImage</i> , 2014 , 102 Pt 1, 11-23	7.9	103
207	Voxel-based morphometric multisite collaborative study on schizophrenia. <i>Schizophrenia Bulletin</i> , 2009 , 35, 82-95	1.3	102
206	A large scale (N=400) investigation of gray matter differences in schizophrenia using optimized voxel-based morphometry. <i>Schizophrenia Research</i> , 2008 , 101, 95-105	3.6	99
205	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. <i>NeuroImage</i> , 2014 , 97, 117-26	7.9	98
204	Restricted Boltzmann machines for neuroimaging: an application in identifying intrinsic networks. <i>NeuroImage</i> , 2014 , 96, 245-60	7.9	97
203	A group ICA based framework for evaluating resting fMRI markers when disease categories are unclear: application to schizophrenia, bipolar, and schizoaffective disorders. <i>NeuroImage</i> , 2015 , 122, 272-80	7.9	93
202	Information flow between interacting human brains: Identification, validation, and relationship to social expertise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5207-12	11.5	90
201	Correspondence between fMRI and SNP data by group sparse canonical correlation analysis. <i>Medical Image Analysis</i> , 2014 , 18, 891-902	15.4	90
200	Methylation patterns in whole blood correlate with symptoms in schizophrenia patients. <i>Schizophrenia Bulletin</i> , 2014 , 40, 769-76	1.3	90
199	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1497-1514	4.1	87
198	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
197	Baseline effects of transcranial direct current stimulation on glutamatergic neurotransmission and large-scale network connectivity. <i>Brain Research</i> , 2015 , 1594, 92-107	3.7	76

196	A review of multivariate analyses in imaging genetics. <i>Frontiers in Neuroinformatics</i> , 2014 , 8, 29	3.9	74
195	Dynamic functional connectivity impairments in early schizophrenia and clinical high-risk for psychosis. <i>NeuroImage</i> , 2018 , 180, 632-645	7.9	72
194	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018 , 9, 3028	17.4	71
193	Presurgical brain mapping of the language network in patients with brain tumors using resting-state fMRI: Comparison with task fMRI. <i>Human Brain Mapping</i> , 2016 , 37, 913-23	5.9	71
192	Task-specific feature extraction and classification of fMRI volumes using a deep neural network initialized with a deep belief network: Evaluation using sensorimotor tasks. <i>NeuroImage</i> , 2017 , 145, 314-328	7.9	69
191	Chronnectomic patterns and neural flexibility underlie executive function. <i>NeuroImage</i> , 2017 , 147, 861-874	7.9	69
190	Resting state electroencephalogram oscillatory abnormalities in schizophrenia and psychotic bipolar patients and their relatives from the bipolar and schizophrenia network on intermediate phenotypes study. <i>Biological Psychiatry</i> , 2014 , 76, 456-65	7.9	67
189	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
188	Group-level component analyses of EEG: validation and evaluation. <i>Frontiers in Neuroscience</i> , 2015 , 9, 254	5.1	65
187	Alterations in default mode network connectivity during pain processing in borderline personality disorder. <i>Archives of General Psychiatry</i> , 2012 , 69, 993-1002		63
186	An introductory review of parallel independent component analysis (p-ICA) and a guide to applying p-ICA to genetic data and imaging phenotypes to identify disease-associated biological pathways and systems in common complex disorders. <i>Frontiers in Genetics</i> , 2015 , 6, 276	4.5	60
185	Schizophrenia miR-137 locus risk genotype is associated with dorsolateral prefrontal cortex hyperactivation. <i>Biological Psychiatry</i> , 2014 , 75, 398-405	7.9	59
184	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. <i>Neuroinformatics</i> , 2017 , 15, 343-364	3.2	59
183	Capturing subject variability in fMRI data: A graph-theoretical analysis of GICA vs. IVA. <i>Journal of Neuroscience Methods</i> , 2015 , 247, 32-40	3	57
182	The Function Biomedical Informatics Research Network Data Repository. <i>NeuroImage</i> , 2016 , 124, 1074-1079	3.9	53
181	MB-COMT promoter DNA methylation is associated with working-memory processing in schizophrenia patients and healthy controls. <i>Epigenetics</i> , 2014 , 9, 1101-7	5.7	53
180	Multimodal Classification of Schizophrenia Patients with MEG and fMRI Data Using Static and Dynamic Connectivity Measures. <i>Frontiers in Neuroscience</i> , 2016 , 10, 466	5.1	51
179	Brain structure and function correlates of cognitive subtypes in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 234, 74-83	2.9	50

178	SchizConnect: Mediating neuroimaging databases on schizophrenia and related disorders for large-scale integration. <i>NeuroImage</i> , 2016 , 124, 1155-1167	7.9	48
177	Aberrant Functional Whole-Brain Network Architecture in Patients With Schizophrenia: A Meta-analysis. <i>Schizophrenia Bulletin</i> , 2016 , 42 Suppl 1, S13-21	1.3	47
176	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018 , 183, 366-374	7.9	45
175	A multiple kernel learning approach to perform classification of groups from complex-valued fMRI data analysis: application to schizophrenia. <i>NeuroImage</i> , 2014 , 87, 1-17	7.9	45
174	Preserving subject variability in group fMRI analysis: performance evaluation of GICA vs. IVA. <i>Frontiers in Systems Neuroscience</i> , 2014 , 8, 106	3.5	45
173	Aberrant Processing of Deviant Stimuli in Schizophrenia Revealed by Fusion of fMRI and EEG Data. <i>Acta Neuropsychiatrica</i> , 2010 , 22, 127-138	3.9	45
172	Group ICA for identifying biomarkers in schizophrenia: Adaptive networks via spatially constrained ICA show more sensitivity to group differences than spatio-temporal regression. <i>NeuroImage: Clinical</i> , 2019 , 22, 101747	5.3	44
171	Prefrontal inefficiency is associated with polygenic risk for schizophrenia. <i>Schizophrenia Bulletin</i> , 2014 , 40, 1263-71	1.3	44
170	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018 , 141, 916-926	11.2	43
169	The connectivity domain: Analyzing resting state fMRI data using feature-based data-driven and model-based methods. <i>NeuroImage</i> , 2016 , 134, 494-507	7.9	43
168	The lifespan trajectory of neural oscillatory activity in the motor system. <i>Developmental Cognitive Neuroscience</i> , 2018 , 30, 159-168	5.5	42
167	Heritability of multivariate gray matter measures in schizophrenia. <i>Twin Research and Human Genetics</i> , 2012 , 15, 324-35	2.2	42
166	On network derivation, classification, and visualization: a response to Habeck and Moeller. <i>Brain Connectivity</i> , 2011 , 1, 105-10	2.7	41
165	Mindfulness and dynamic functional neural connectivity in children and adolescents. <i>Behavioural Brain Research</i> , 2018 , 336, 211-218	3.4	40
164	Sharing privacy-sensitive access to neuroimaging and genetics data: a review and preliminary validation. <i>Frontiers in Neuroinformatics</i> , 2014 , 8, 35	3.9	40
163	Large-scale functional network overlap is a general property of brain functional organization: Reconciling inconsistent fMRI findings from general-linear-model-based analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 71, 83-100	9	40
162	A three-way parallel ICA approach to analyze links among genetics, brain structure and brain function. <i>NeuroImage</i> , 2014 , 98, 386-94	7.9	39
161	Guided exploration of genomic risk for gray matter abnormalities in schizophrenia using parallel independent component analysis with reference. <i>NeuroImage</i> , 2013 , 83, 384-96	7.9	38

160	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
159	The effect of preprocessing pipelines in subject classification and detection of abnormal resting state functional network connectivity using group ICA. <i>NeuroImage</i> , 2017 , 145, 365-376	7.9	37
158	Dynamic functional connectivity in schizophrenia and autism spectrum disorder: Convergence, divergence and classification. <i>NeuroImage: Clinical</i> , 2019 , 24, 101966	5.3	37
157	Prognostic classification of mild cognitive impairment and Alzheimer's disease: MRI independent component analysis. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 224, 81-8	2.9	36
156	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
155	Joint sparse canonical correlation analysis for detecting differential imaging genetics modules. <i>Bioinformatics</i> , 2016 , 32, 3480-3488	7.2	35
154	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018 , 43, 1078-1087	8.7	35
153	Sparse models for correlative and integrative analysis of imaging and genetic data. <i>Journal of Neuroscience Methods</i> , 2014 , 237, 69-78	3	34
152	Whole-brain connectivity dynamics reflect both task-specific and individual-specific modulation: A multitask study. <i>NeuroImage</i> , 2018 , 180, 495-504	7.9	33
151	Independent component analysis of functional networks for response inhibition: Inter-subject variation in stop signal reaction time. <i>Human Brain Mapping</i> , 2015 , 36, 3289-302	5.9	32
150	Multimodal Magnetic Resonance Imaging Data Fusion Reveals Distinct Patterns of Abnormal Brain Structure and Function in Catatonia. <i>Schizophrenia Bulletin</i> , 2020 , 46, 202-210	1.3	32
149	Reading the (functional) writing on the (structural) wall: Multimodal fusion of brain structure and function via a deep neural network based translation approach reveals novel impairments in schizophrenia. <i>NeuroImage</i> , 2018 , 181, 734-747	7.9	31
148	Task-induced brain connectivity promotes the detection of individual differences in brain-behavior relationships. <i>NeuroImage</i> , 2020 , 207, 116370	7.9	31
147	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , 2019 , 184, 455-461	7.9	31
146	Application of Graph Theory to Assess Static and Dynamic Brain Connectivity: Approaches for Building Brain Graphs. <i>Proceedings of the IEEE</i> , 2018 , 106, 886-906	14.3	30
145	COINS Data Exchange: An open platform for compiling, curating, and disseminating neuroimaging data. <i>NeuroImage</i> , 2016 , 124, 1084-1088	7.9	30
144	A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 222, 10-6	2.9	30
143	Building an EEG-fMRI Multi-Modal Brain Graph: A Concurrent EEG-fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 476	3.3	29

142	Multimodal neural correlates of cognitive control in the Human Connectome Project. <i>NeuroImage</i> , 2017 , 163, 41-54	7.9	28
141	Comparing brain graphs in which nodes are regions of interest or independent components: A simulation study. <i>Journal of Neuroscience Methods</i> , 2017 , 291, 61-68	3	28
140	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , 2017 , 145, 96-106	7.9	28
139	Meta gene set enrichment analyses link miR-137-regulated pathways with schizophrenia risk. <i>Frontiers in Genetics</i> , 2015 , 6, 147	4.5	28
138	Regional and source-based patterns of [C]-(+)-PHNO binding potential reveal concurrent alterations in dopamine D and D receptor availability in cocaine-use disorder. <i>NeuroImage</i> , 2017 , 148, 343-351	7.9	27
137	Smoking status as a potential confounder in the study of brain structure in schizophrenia. <i>Journal of Psychiatric Research</i> , 2014 , 50, 84-91	5.2	27
136	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
135	Risperidone Effects on Brain Dynamic Connectivity-A Prospective Resting-State fMRI Study in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 14	5	26
134	Harnessing modern web application technology to create intuitive and efficient data visualization and sharing tools. <i>Frontiers in Neuroinformatics</i> , 2014 , 8, 71	3.9	26
133	An ensemble learning system for a 4-way classification of Alzheimer's disease and mild cognitive impairment. <i>Journal of Neuroscience Methods</i> , 2018 , 302, 75-81	3	25
132	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017 , 146, 157-170	7.9	25
131	Neuropsychological profile in adult schizophrenia measured with the CMINDS. <i>Psychiatry Research</i> , 2015 , 230, 826-34	9.9	25
130	Associations of white matter integrity and cortical thickness in patients with schizophrenia and healthy controls. <i>Schizophrenia Bulletin</i> , 2014 , 40, 665-74	1.3	25
129	Associations between DNA methylation and schizophrenia-related intermediate phenotypes - a gene set enrichment analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 59, 31-39	5.5	24
128	Dysfunctional error-related processing in female psychopathy. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1059-68	4	24
127	On network derivation, classification, and visualization: a response to Habeck and Moeller. <i>Brain Connectivity</i> , 2011 , 1, 1-19	2.7	24
126	ICA of full complex-valued fMRI data using phase information of spatial maps. <i>Journal of Neuroscience Methods</i> , 2015 , 249, 75-91	3	23
125	Psychopathic traits modulate brain responses to drug cues in incarcerated offenders. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 87	3.3	23

124	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , 2019 , 185, 191-197	7.9	23
123	Machine learning of structural magnetic resonance imaging predicts psychopathic traits in adolescent offenders. <i>NeuroImage</i> , 2017 , 145, 265-273	7.9	22
122	Adaptive Sparse Multiple Canonical Correlation Analysis With Application to Imaging (Epi)Genomics Study of Schizophrenia. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 , 65, 390-399	5	22
121	The role of the frontopolar cortex in manipulation of integrated information in working memory. <i>Neuroscience Letters</i> , 2015 , 595, 25-9	3.3	21
120	The association of DNA methylation and brain volume in healthy individuals and schizophrenia patients. <i>Schizophrenia Research</i> , 2015 , 169, 447-452	3.6	21
119	Association of GRM3 polymorphism with white matter integrity in schizophrenia. <i>Schizophrenia Research</i> , 2014 , 155, 8-14	3.6	21
118	Spatial Variance in Resting fMRI Networks of Schizophrenia Patients: An Independent Vector Analysis. <i>Schizophrenia Bulletin</i> , 2016 , 42, 152-60	1.3	20
117	Opposite modulation of brain functional networks implicated at low vs. high demand of attention and working memory. <i>PLoS ONE</i> , 2014 , 9, e87078	3.7	20
116	Sample-poor estimation of order and common signal subspace with application to fusion of medical imaging data. <i>NeuroImage</i> , 2016 , 134, 486-493	7.9	20
115	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018 , 37, 471-482	8.8	20
114	Cross-Tissue Exploration of Genetic and Epigenetic Effects on Brain Gray Matter in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018 , 44, 443-452	1.3	19
113	Identifying functional network changing patterns in individuals at clinical high-risk for psychosis and patients with early illness schizophrenia: A group ICA study. <i>NeuroImage: Clinical</i> , 2018 , 17, 335-346	5.3	19
112	The role of diversity in complex ICA algorithms for fMRI analysis. <i>Journal of Neuroscience Methods</i> , 2016 , 264, 129-135	3	19
111	Patterns of Co-Occurring Gray Matter Concentration Loss across the Huntington Disease Prodrome. <i>Frontiers in Neurology</i> , 2016 , 7, 147	4.1	19
110	Efficacy of different dynamic functional connectivity methods to capture cognitively relevant information. <i>NeuroImage</i> , 2019 , 188, 502-514	7.9	19
109	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019 , 189, 645-654	7.9	18
108	Disrupted network cross talk, hippocampal dysfunction and hallucinations in schizophrenia. <i>Schizophrenia Research</i> , 2018 , 199, 226-234	3.6	18
107	Age of gray matters: Neuroprediction of recidivism. <i>NeuroImage: Clinical</i> , 2018 , 19, 813-823	5.3	18

106	Large-Scale Fusion of Gray Matter and Resting-State Functional MRI Reveals Common and Distinct Biological Markers across the Psychosis Spectrum in the B-SNIP Cohort. <i>Frontiers in Psychiatry</i> , 2015 , 6, 174	5	18
105	Machine Learning of Functional Magnetic Resonance Imaging Network Connectivity Predicts Substance Abuse Treatment Completion. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 141-149	3.4	18
104	Application of deep canonically correlated sparse autoencoder for the classification of schizophrenia. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 183, 105073	6.9	17
103	Parallel group ICA+ICA: Joint estimation of linked functional network variability and structural covariation with application to schizophrenia. <i>Human Brain Mapping</i> , 2019 , 40, 3795-3809	5.9	16
102	MIR137HG risk variant rs1625579 genotype is related to corpus callosum volume in schizophrenia. <i>Neuroscience Letters</i> , 2015 , 602, 44-9	3.3	16
101	The relationship between somatic and cognitive-affective depression symptoms and error-related ERPs. <i>Journal of Affective Disorders</i> , 2015 , 172, 89-95	6.6	16
100	Neural correlates of cognitive function and symptoms in attention-deficit/hyperactivity disorder in adults. <i>NeuroImage: Clinical</i> , 2018 , 19, 374-383	5.3	16
99	Functional Neuroimaging Evidence for Distinct Neurobiological Pathways in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 675-685	3.4	16
98	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
97	Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. <i>NeuroImage: Clinical</i> , 2019 , 24, 101970	5.3	15
96	High-order interactions observed in multi-task intrinsic networks are dominant indicators of aberrant brain function in schizophrenia. <i>NeuroImage</i> , 2014 , 102 Pt 1, 35-48	7.9	15
95	Functional MRI Evaluation of Multiple Neural Networks Underlying Auditory Verbal Hallucinations in Schizophrenia Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2016 , 7, 39	5	15
94	Multivariate Imaging Genetics Study of MRI Gray Matter Volume and SNPs Reveals Biological Pathways Correlated with Brain Structural Differences in Attention Deficit Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2016 , 7, 128	5	15
93	Dynamic state with covarying brain activity-connectivity: On the pathophysiology of schizophrenia. <i>NeuroImage</i> , 2021 , 224, 117385	7.9	15
92	Unraveling Diagnostic Biomarkers of Schizophrenia Through Structure-Revealing Fusion of Multi-Modal Neuroimaging Data. <i>Frontiers in Neuroscience</i> , 2019 , 13, 416	5.1	14
91	Structure/function interrelationships in patients with schizophrenia who have persistent auditory verbal hallucinations: A multimodal MRI study using parallel ICA. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 93, 114-121	5.5	14
90	Model order effects on ICA of resting-state complex-valued fMRI data: Application to schizophrenia. <i>Journal of Neuroscience Methods</i> , 2018 , 304, 24-38	3	14
89	Risk-Conferring Glutamatergic Genes and Brain Glutamate Plus Glutamine in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 79	5	14

88	Biclustered Independent Component Analysis for Complex Biomarker and Subtype Identification from Structural Magnetic Resonance Images in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 179	5	14
87	The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: A collaborative cognitive and neuroimaging genetics project. <i>Schizophrenia Research</i> , 2018 , 195, 306-317	3.6	14
86	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. <i>Schizophrenia Bulletin</i> , 2019 , 45, 222-232	1.3	14
85	Functional network connectivity predicts treatment outcome during treatment of nicotine use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 265, 45-53	2.9	13
84	Genetic influences on cognitive endophenotypes in schizophrenia. <i>Schizophrenia Research</i> , 2014 , 156, 71-5	3.6	13
83	Functional network overlap as revealed by fMRI using sICA and its potential relationships with functional heterogeneity, balanced excitation and inhibition, and sparseness of neuron activity. <i>PLoS ONE</i> , 2015 , 10, e0117029	3.7	13
82	Preliminary prediction of individual response to electroconvulsive therapy using whole-brain functional magnetic resonance imaging data. <i>NeuroImage: Clinical</i> , 2020 , 26, 102080	5.3	13
81	Polygenic risk score, genome-wide association, and gene set analyses of cognitive domain deficits in schizophrenia. <i>Schizophrenia Research</i> , 2018 , 201, 393-399	3.6	12
80	Regular cannabis and alcohol use is associated with resting-state time course power spectra in incarcerated adolescents. <i>Drug and Alcohol Dependence</i> , 2017 , 178, 492-500	4.9	12
79	Automated collection of imaging and phenotypic data to centralized and distributed data repositories. <i>Frontiers in Neuroinformatics</i> , 2014 , 8, 60	3.9	12
78	Weighted average of shared trajectory: A new estimator for dynamic functional connectivity efficiently estimates both rapid and slow changes over time. <i>Journal of Neuroscience Methods</i> , 2020 , 334, 108600	3	12
77	A framework for linking resting-state chronnectome/genome features in schizophrenia: A pilot study. <i>NeuroImage</i> , 2019 , 184, 843-854	7.9	12
76	Association between the oral microbiome and brain resting state connectivity in smokers. <i>NeuroImage</i> , 2019 , 200, 121-131	7.9	11
75	The absence of task-related increases in BOLD signal does not equate to absence of task-related brain activation. <i>Journal of Neuroscience Methods</i> , 2015 , 240, 125-7	3	11
74	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
73	Task-evoked brain functional magnetic susceptibility mapping by independent component analysis (ICA). <i>Journal of Neuroscience Methods</i> , 2016 , 261, 161-71	3	11
72	Patients with schizophrenia demonstrate reduced cortical sensitivity to auditory oddball regularities. <i>Schizophrenia Research</i> , 2014 , 158, 189-94	3.6	11
71	Genetic markers of white matter integrity in schizophrenia revealed by parallel ICA. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 100	3.3	11

70	Reduced higher-dimensional resting state fMRI dynamism in clinical high-risk individuals for schizophrenia identified by meta-state analysis. <i>Schizophrenia Research</i> , 2018 , 201, 217-223	3.6	11
69	Disambiguating the role of blood flow and global signal with partial information decomposition. <i>NeuroImage</i> , 2020 , 213, 116699	7.9	10
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