

Jiayu Chen

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.

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	Individualized spatial network predictions using Siamese convolutional neural networks: A resting-state fMRI study of over 11,000 unaffected individuals.. <i>PLoS ONE</i> , 2022 , 17, e0249502	3.7	0
230	A Decentralized ComBat Algorithm and Applications to Functional Network Connectivity.. <i>Frontiers in Neurology</i> , 2022 , 13, 826734	4.1	0
229	Deep Learning in Neuroimaging: Promises and challenges. <i>IEEE Signal Processing Magazine</i> , 2022 , 39, 87-98	9.4	0
228	Tracing Evolving Networks Using Tensor Factorizations vs. ICA-Based Approaches.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 861402	5.1	0
227	ENIGMA + COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. <i>Neuroinformatics</i> , 2021 , 1	3.2	
226	Spatially Covarying Patterns of Gray Matter Volume and Concentration Highlight Distinct Regions in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2021 , 15, 708387	5.1	1
225	Sparse deep neural networks on imaging genetics for schizophrenia case-control classification. <i>Human Brain Mapping</i> , 2021 , 42, 2556-2568	5.9	4
224	Sparse deep dictionary learning identifies differences of time-varying functional connectivity in brain neuro-developmental study. <i>Neural Networks</i> , 2021 , 135, 91-104	9.1	1
223	3-way Parallel Fusion of Spatial (sMRI/dMRI) and Spatio-temporal (fMRI) Data with Application to Schizophrenia 2021 ,		1
222	Data-driven approaches to neuroimaging biomarkers for neurological and psychiatric disorders: emerging approaches and examples. <i>Current Opinion in Neurology</i> , 2021 , 34, 469-479	7.1	2
221	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 1474-1483	11.7	5
220	Subtypes of depression characterized by different cognitive decline and brain activity alterations. <i>Journal of Psychiatric Research</i> , 2021 , 138, 413-419	5.2	2
219	A Latent Gaussian Copula Model for Mixed Data Analysis in Brain Imaging Genetics. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 1350-1360	3	1
218	A unified approach for characterizing static/dynamic connectivity frequency profiles using filter banks. <i>Network Neuroscience</i> , 2021 , 5, 56-82	5.6	7
217	Dynamic state with covarying brain activity-connectivity: On the pathophysiology of schizophrenia. <i>NeuroImage</i> , 2021 , 224, 117385	7.9	15
216	Biotyping in psychosis: using multiple computational approaches with one data set. <i>Neuropsychopharmacology</i> , 2021 , 46, 143-155	8.7	4
215	A Classification-Based Approach to Estimate the Number of Resting Functional Magnetic Resonance Imaging Dynamic Functional Connectivity States. <i>Brain Connectivity</i> , 2021 , 11, 132-145	2.7	5

214	Graph-theoretical analysis identifies transient spatial states of resting-state dynamic functional network connectivity and reveals dysconnectivity in schizophrenia. <i>Journal of Neuroscience Methods</i> , 2021 , 350, 109039	3	2
213	Brain multimodal co-alterations related to delay discounting: a multimodal MRI fusion analysis in persons with and without cocaine use disorder. <i>BMC Neuroscience</i> , 2021 , 22, 51	3.2	0
212	Frontoparietal network and neuropsychological measures in typically developing children. <i>Neuropsychologia</i> , 2021 , 159, 107914	3.2	1
211	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. <i>Neurobiology of Aging</i> , 2021 , 108, 155-167	5.6	0
210	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021 , 90, 529-539	7.9	5
209	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
208	The relevance of transdiagnostic shared networks to the severity of symptoms and cognitive deficits in schizophrenia: a multimodal brain imaging fusion study. <i>Translational Psychiatry</i> , 2020 , 10, 149	8.6	7
207	Structural Brain Architectures Match Intrinsic Functional Networks and Vary across Domains: A Study from 15 000+ Individuals. <i>Cerebral Cortex</i> , 2020 , 30, 5460-5470	5.1	6
206	Independent vector analysis for common subspace analysis: Application to multi-subject fMRI data yields meaningful subgroups of schizophrenia. <i>NeuroImage</i> , 2020 , 216, 116872	7.9	9
205	Addressing Inaccurate Nosology in Mental Health: A Multilabel Data Cleansing Approach for Detecting Label Noise From Structural Magnetic Resonance Imaging Data in Mood and Psychosis Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020 , 5, 819-832	3.4	5
204	Disambiguating the role of blood flow and global signal with partial information decomposition. <i>NeuroImage</i> , 2020 , 213, 116699	7.9	10
203	Canonical Correlation Analysis of Imaging Genetics Data Based on Statistical Independence and Structural Sparsity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 2621-2629	7.2	0
202	Electroconvulsive therapy treatment responsive multimodal brain networks. <i>Human Brain Mapping</i> , 2020 , 41, 1775-1785	5.9	10
201	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
200	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
199	Task-induced brain connectivity promotes the detection of individual differences in brain-behavior relationships. <i>NeuroImage</i> , 2020 , 207, 116370	7.9	31
198	Prediction and classification of sleep quality based on phase synchronization related whole-brain dynamic connectivity using resting state fMRI. <i>NeuroImage</i> , 2020 , 221, 117190	7.9	4
197	Common and unique multimodal covarying patterns in autism spectrum disorder subtypes. <i>Molecular Autism</i> , 2020 , 11, 90	6.5	7

196	Integration of Imaging (epi)Genomics Data for the Study of Schizophrenia Using Group Sparse Joint Nonnegative Matrix Factorization. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020 , 17, 1671-1681	3	8
195	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
194	N-BiC: A Method for Multi-Component and Symptom Biclustering of Structural MRI Data: Application to Schizophrenia. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 110-121	5	9
193	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
192	Decentralized distribution-sampled classification models with application to brain imaging. <i>Journal of Neuroscience Methods</i> , 2020 , 329, 108418	3	6
191	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
190	In search of multimodal brain alterations in Alzheimer ^Q and Binswanger ^Q disease. <i>NeuroImage: Clinical</i> , 2020 , 26, 101937	5.3	7
189	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
188	Distinct structural brain circuits indicate mood and apathy profiles in bipolar disorder. <i>NeuroImage: Clinical</i> , 2020 , 26, 101989	5.3	2
187	Biomarker Identification Through Integrating fMRI and Epigenetics. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 1186-1196	5	5
186	SPARSE INFOMAX BASED ON HOYER PROJECTION AND ITS APPLICATION TO SIMULATED STRUCTURAL MRI AND SNP DATA 2019 , 2019, 418-421	1.5	2
185	ADHD Classification Within and Cross Cohort Using an Ensembled Feature Selection Framework 2019 ,		4
184	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019 , 189, 645-654	7.9	18
183	Association between the oral microbiome and brain resting state connectivity in smokers. <i>NeuroImage</i> , 2019 , 200, 121-131	7.9	11
182	Transdiagnostic Multimodal Neuroimaging in Psychosis: Structural, Resting-State, and Task Magnetic Resonance Imaging Correlates of Cognitive Control. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 870-880	3.4	4
181	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
180	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. <i>NeuroImage: Clinical</i> , 2019 , 23, 101887	5.3	5
179	The Translational Potential of Neuroimaging Genomic Analyses To Diagnosis And Treatment In The Mental Disorders. <i>Proceedings of the IEEE</i> , 2019 , 107, 912-927	14.3	2

178	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
177	C-ICT for Discovery of Multiple Associations in Multimodal Imaging Data: Application to Fusion of fMRI and DTI Data 2019 ,		1
176	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
175	A method for building a genome-connectome bipartite graph model. <i>Journal of Neuroscience Methods</i> , 2019 , 320, 64-71	3	0
174	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
173	Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. <i>NeuroImage: Clinical</i> , 2019 , 24, 101970	5.3	15
172	Dynamic functional connectivity in schizophrenia and autism spectrum disorder: Convergence, divergence and classification. <i>NeuroImage: Clinical</i> , 2019 , 24, 101966	5.3	37
171	Apathy Is Related to Cognitive Control and Striatum Volumes in Prodromal Huntington Disease. <i>Journal of the International Neuropsychological Society</i> , 2019 , 25, 462-469	3.1	6
170	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , 2019 , 184, 455-461	7.9	31
169	Efficacy of different dynamic functional connectivity methods to capture cognitively relevant information. <i>NeuroImage</i> , 2019 , 188, 502-514	7.9	19
168	A method to compare the discriminatory power of data-driven methods: Application to ICA and IVA. <i>Journal of Neuroscience Methods</i> , 2019 , 311, 267-276	3	1
167	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , 2019 , 185, 191-197	7.9	23
166	A framework for linking resting-state connectome/genome features in schizophrenia: A pilot study. <i>NeuroImage</i> , 2019 , 184, 843-854	7.9	12
165	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. <i>Schizophrenia Bulletin</i> , 2019 , 45, 222-232	1.3	14
164	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
163	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
162	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018 , 141, 916-926	11.2	43
161	Investigating error-related processing in incarcerated adolescents with self-report psychopathy measures. <i>Biological Psychology</i> , 2018 , 132, 96-105	3.2	7

160	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
159	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
158	A method to assess randomness of functional connectivity matrices. <i>Journal of Neuroscience Methods</i> , 2018 , 303, 146-158	3	6
157	Disrupted network cross talk, hippocampal dysfunction and hallucinations in schizophrenia. <i>Schizophrenia Research</i> , 2018 , 199, 226-234	3.6	18
156	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
155	The lifespan trajectory of neural oscillatory activity in the motor system. <i>Developmental Cognitive Neuroscience</i> , 2018 , 30, 159-168	5.5	42
154	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
153	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
152	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
151	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
150	Dynamic functional connectivity impairments in early schizophrenia and clinical high-risk for psychosis. <i>NeuroImage</i> , 2018 , 180, 632-645	7.9	72
149	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
148	Mindfulness and dynamic functional neural connectivity in children and adolescents. <i>Behavioural Brain Research</i> , 2018 , 336, 211-218	3.4	40
147	Integrating Imaging Genomic Data in the Quest for Biomarkers of Schizophrenia Disease. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 , 15, 1480-1491	3	10
146	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018 , 9, 3028	17.4	71
145	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
144	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018 , 183, 366-374	3.4	45
143	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

142	Age of gray matters: Neuroprediction of recidivism. <i>NeuroImage: Clinical</i> , 2018 , 19, 813-823	5.3	18
141	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
140	A hybrid correlation analysis with application to imaging genetics 2018 ,		1
139	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
138	Functional connectivity during affective mentalizing in criminal offenders with psychotic disorders: Associations with clinical symptoms. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 271, 91-99	2.9	5
137	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018 , 43, 1078-1087	8.7	35
136	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
135	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018 , 37, 471-482	8.8	20
134	Evaluating Models of Dynamic Functional Connectivity Using Predictive Classification Accuracy 2018 ,		1
133	A kernel machine method for detecting higher order interactions in multimodal datasets: Application to schizophrenia. <i>Journal of Neuroscience Methods</i> , 2018 , 309, 161-174	3	10
132	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
131	High dimensional latent Gaussian copula model for mixed data in imaging genetics 2018 ,		2
130	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
129	Machine learning of structural magnetic resonance imaging predicts psychopathic traits in adolescent offenders. <i>NeuroImage</i> , 2017 , 145, 265-273	7.9	22
128	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
127	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
126	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
125	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

124	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. <i>Biological Psychiatry</i> , 2017 , 82, 165-175	7.9	104
123	Adaptive independent vector analysis for multi-subject complex-valued fMRI data. <i>Journal of Neuroscience Methods</i> , 2017 , 281, 49-63	3	7
122	Functional network connectivity predicts treatment outcome during treatment of nicotine use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 265, 45-53	2.9	13
121	Replicability of time-varying connectivity patterns in large resting state fMRI samples. <i>NeuroImage</i> , 2017 , 163, 160-176	7.9	110
120	Multimodal neural correlates of cognitive control in the Human Connectome Project. <i>NeuroImage</i> , 2017 , 163, 41-54	7.9	28
119	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
118	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
117	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. <i>Neuroinformatics</i> , 2017 , 15, 343-364	3.2	59
116	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017 , 146, 157-170	7.9	25
115	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
114	Chronnectomic patterns and neural flexibility underlie executive function. <i>NeuroImage</i> , 2017 , 147, 861-874	7.9	69
113	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , 2017 , 145, 96-106	7.9	28
112	Risperidone Effects on Brain Dynamic Connectivity-A Prospective Resting-State fMRI Study in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 14	5	26
111	Risk-Conferring Glutamatergic Genes and Brain Glutamate Plus Glutamine in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 79	5	14
110	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
109	Cortical Sensitivity to Guitar Note Patterns: EEG Entrainment to Repetition and Key. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 90	3.3	5
108	The Function Biomedical Informatics Research Network Data Repository. <i>NeuroImage</i> , 2016 , 124, 1074-1079	7.9	53
107	SchizConnect: Mediating neuroimaging databases on schizophrenia and related disorders for large-scale integration. <i>NeuroImage</i> , 2016 , 124, 1155-1167	7.9	48

106	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
105	Integration of SNPs-FMRI-methylation data with sparse multi-CCA for schizophrenia study. <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, 3310-3313	0.9	10
104	Dysfunctional error-related processing in female psychopathy. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1059-68	4	24
103	Task-evoked brain functional magnetic susceptibility mapping by independent component analysis (ICA). <i>Journal of Neuroscience Methods</i> , 2016 , 261, 161-71	3	11
102	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
101	The role of diversity in complex ICA algorithms for fMRI analysis. <i>Journal of Neuroscience Methods</i> , 2016 , 264, 129-135	3	19
100	Multivariate Genetic Correlates of the Auditory Paired Stimuli-Based P2 Event-Related Potential in the Psychosis Dimension From the BSNIP Study. <i>Schizophrenia Bulletin</i> , 2016 , 42, 851-62	1.3	9
99	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
98	COINS Data Exchange: An open platform for compiling, curating, and disseminating neuroimaging data. <i>NeuroImage</i> , 2016 , 124, 1084-1088	7.9	30
97	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
96	Spatial Variance in Resting fMRI Networks of Schizophrenia Patients: An Independent Vector Analysis. <i>Schizophrenia Bulletin</i> , 2016 , 42, 152-60	1.3	20
95	Patterns of Co-Occurring Gray Matter Concentration Loss across the Huntington Disease Prodrome. <i>Frontiers in Neurology</i> , 2016 , 7, 147	4.1	19
94	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
93	Approaches to Capture Variance Differences in Rest fMRI Networks in the Spatial Geometric Features: Application to Schizophrenia. <i>Frontiers in Neuroscience</i> , 2016 , 10, 85	5.1	6
92	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
91	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
90	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
89	Cross-Frequency rs-fMRI Network Connectivity Patterns Manifest Differently for Schizophrenia Patients and Healthy Controls. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 1076-1080	3.2	6

88	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
87	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
86	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
85	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
84	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
83	Joint sparse canonical correlation analysis for detecting differential imaging genetics modules. <i>Bioinformatics</i> , 2016 , 32, 3480-3488	7.2	35
82	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
81	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
80	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015 , 41, 1133-42	1.3	136
79	MIR137HG risk variant rs1625579 genotype is related to corpus callosum volume in schizophrenia. <i>Neuroscience Letters</i> , 2015 , 602, 44-9	3.3	16
78	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
77	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, 272-280	7.8	93
76	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
75	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
74	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
73	Brain structure and function correlates of cognitive subtypes in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 234, 74-83	2.9	50
72	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
71	Multi-subject fMRI analysis via combined independent component analysis and shift-invariant canonical polyadic decomposition. <i>Journal of Neuroscience Methods</i> , 2015 , 256, 127-40	3	9

70	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
69	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
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