

Jiayu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

240
papers

16,109
citations

20817

60
h-index

22832

112
g-index

244
all docs

244
docs citations

244
times ranked

15156
citing authors

#	ARTICLE	IF	CITATIONS
1	Tri-Clustering Dynamic Functional Network Connectivity Identifies Significant Schizophrenia Effects Across Multiple States in Distinct Subgroups of Individuals. <i>Brain Connectivity</i> , 2022, 12, 61-73.	1.7	9
2	Whole-Brain Functional Connectivity Dynamics Associated With Electroconvulsive Therapy Treatment Response. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 312-322.	1.5	5
3	ENIGMA+COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. <i>Neuroinformatics</i> , 2022, 20, 261-275.	2.8	5
4	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.	2.5	3
5	Association of Neuroimaging Data with Behavioral Variables: A Class of Multivariate Methods and Their Comparison Using Multi-Task FMRI Data. <i>Sensors</i> , 2022, 22, 1224.	3.8	5
6	A Decentralized ComBat Algorithm and Applications to Functional Network Connectivity. <i>Frontiers in Neurology</i> , 2022, 13, 826734.	2.4	4
7	Deep Learning in Neuroimaging: Promises and challenges. <i>IEEE Signal Processing Magazine</i> , 2022, 39, 87-98.	5.6	25
8	Statelets: Capturing recurrent transient variations in dynamic functional network connectivity. <i>Human Brain Mapping</i> , 2022, 43, 2503-2518.	3.6	5
9	Path analysis: A method to estimate altered pathways in time-varying graphs of neuroimaging data. <i>Network Neuroscience</i> , 2022, 6, 634-664.	2.6	2
10	Multimodal brain deficits shared in <scp>early</scp> and <scp>adult</scp> schizophrenia predict positive symptoms regardless of illness stage. <i>Human Brain Mapping</i> , 2022, 43, 3486-3497.	3.6	4
11	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	2.9	0
12	Tracing Evolving Networks Using Tensor Factorizations vs. ICA-Based Approaches. <i>Frontiers in Neuroscience</i> , 2022, 16, 861402.	2.8	6
13	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.	3.0	4
14	A unified approach for characterizing static/dynamic connectivity frequency profiles using filter banks. <i>Network Neuroscience</i> , 2021, 5, 56-82.	2.6	21
15	Dynamic state with covarying brain activity-connectivity: On the pathophysiology of schizophrenia. <i>NeuroImage</i> , 2021, 224, 117385.	4.2	52
16	Biotyping in psychosis: using multiple computational approaches with one data set. <i>Neuropsychopharmacology</i> , 2021, 46, 143-155.	5.4	25
17	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.	1.7	17
18	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.	2.5	6

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19	Sparse deep neural networks on imaging genetics for schizophrenia case-control classification. <i>Human Brain Mapping</i> , 2021, 42, 2556-2568.	3.6	17
20	Sparse deep dictionary learning identifies differences of time-varying functional connectivity in brain neuro-developmental study. <i>Neural Networks</i> , 2021, 135, 91-104.	5.9	5
21	Statelets: A Novel Multi-Dimensional State-Shape Representation Of Brain Functional Connectivity Dynamics. , 2021, , .		0
22	3-way Parallel Fusion of Spatial (sMRI/dMRI) and Spatio-temporal (fMRI) Data with Application to Schizophrenia. , 2021, , .		2
23	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.	3.6	11
24	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1474-1483.	8.9	30
25	Subtypes of depression characterized by different cognitive decline and brain activity alterations. <i>Journal of Psychiatric Research</i> , 2021, 138, 413-419.	3.1	9
26	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.	1.9	4
27	Frontoparietal network and neuropsychological measures in typically developing children. <i>Neuropsychologia</i> , 2021, 159, 107914.	1.6	3
28	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. <i>Neurobiology of Aging</i> , 2021, 108, 155-167.	3.1	3
29	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
30	Spatially Covarying Patterns of Gray Matter Volume and Concentration Highlight Distinct Regions in Schizophrenia. <i>Frontiers in Neuroscience</i> , 2021, 15, 708387.	2.8	4
31	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.	3.0	12
32	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.	4.3	58
33	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.	4.2	22
34	Application of deep canonically correlated sparse autoencoder for the classification of schizophrenia. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105073.	4.7	34
35	Decentralized distribution-sampled classification models with application to brain imaging. <i>Journal of Neuroscience Methods</i> , 2020, 329, 108418.	2.5	7
36	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , 2020, 14, 1979-1993.	2.1	45

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37	In search of multimodal brain alterations in Alzheimer's and Binswanger's disease. <i>NeuroImage: Clinical</i> , 2020, 26, 101937.	2.7	13
38	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. <i>Cerebral Cortex</i> , 2020, 30, 888-900.	2.9	92
39	Distinct structural brain circuits indicate mood and apathy profiles in bipolar disorder. <i>NeuroImage: Clinical</i> , 2020, 26, 101989.	2.7	4
40	Biomarker Identification Through Integrating fMRI and Epigenetics. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1186-1196.	4.2	7
41	Preliminary prediction of individual response to electroconvulsive therapy using whole-brain functional magnetic resonance imaging data. <i>NeuroImage: Clinical</i> , 2020, 26, 102080.	2.7	26
42	Task-induced brain connectivity promotes the detection of individual differences in brain-behavior relationships. <i>NeuroImage</i> , 2020, 207, 116370.	4.2	88
43	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.	4.2	18
44	Common and unique multimodal covarying patterns in autism spectrum disorder subtypes. <i>Molecular Autism</i> , 2020, 11, 90.	4.9	26
45	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.	2.5	31
46	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.	4.8	16
47	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.	2.9	28
48	Independent vector analysis for common subspace analysis: Application to multi-subject fMRI data yields meaningful subgroups of schizophrenia. <i>NeuroImage</i> , 2020, 216, 116872.	4.2	20
49	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.	1.5	8
50	Disambiguating the role of blood flow and global signal with partial information decomposition. <i>NeuroImage</i> , 2020, 213, 116699.	4.2	26
51	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.	6.3	2
52	Electroconvulsive therapy treatment responsive multimodal brain networks. <i>Human Brain Mapping</i> , 2020, 41, 1775-1785.	3.6	20
53	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.	2.5	22
54	A deep learning fusion model for brain disorder classification. , 2020, 2020, .		6

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55	Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. <i>NeuroImage: Clinical</i> , 2019, 24, 101970.	2.7	33
56	Dynamic functional connectivity in schizophrenia and autism spectrum disorder: Convergence, divergence and classification. <i>NeuroImage: Clinical</i> , 2019, 24, 101966.	2.7	88
57	Sparse Infomax Based on Hoyer Projection and its Application to Simulated Structural MRI and SNP Data. , 2019, 2019, 418-421.		2
58	ADHD Classification Within and Cross Cohort Using an Ensembled Feature Selection Framework. , 2019, , .		6
59	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654.	4.2	33
60	Association between the oral microbiome and brain resting state connectivity in smokers. <i>NeuroImage</i> , 2019, 200, 121-131.	4.2	25
61	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.	1.5	5
62	Unraveling Diagnostic Biomarkers of Schizophrenia Through Structure-Revealing Fusion of Multi-Modal Neuroimaging Data. <i>Frontiers in Neuroscience</i> , 2019, 13, 416.	2.8	27
63	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.	2.7	14
64	Translational Potential of Neuroimaging Genomic Analyses to Diagnosis and Treatment in Mental Disorders. <i>Proceedings of the IEEE</i> , 2019, 107, 912-927.	21.3	4
65	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.	3.6	23
66	C-ICT for Discovery of Multiple Associations in Multimodal Imaging Data: Application to Fusion of fMRI and DTI Data. , 2019, , .		3
67	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.	4.8	26
68	A method for building a genome-connectome bipartite graph model. <i>Journal of Neuroscience Methods</i> , 2019, 320, 64-71.	2.5	1
69	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.	2.7	79
70	Apathy Is Related to Cognitive Control and Striatum Volumes in Prodromal Huntington's Disease. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 462-469.	1.8	13
71	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , 2019, 184, 455-461.	4.2	50
72	Efficacy of different dynamic functional connectivity methods to capture cognitively relevant information. <i>NeuroImage</i> , 2019, 188, 502-514.	4.2	27

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73	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.	2.5	4
74	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , 2019, 185, 191-197.	4.2	37
75	A framework for linking resting-state chronectome/genome features in schizophrenia: A pilot study. <i>NeuroImage</i> , 2019, 184, 843-854.	4.2	24
76	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. <i>Schizophrenia Bulletin</i> , 2019, 45, 222-232.	4.3	31
77	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019, 45, 436-449.	4.3	38
78	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.	2.5	28
79	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018, 141, 916-926.	7.6	72
80	Investigating error-related processing in incarcerated adolescents with self-report psychopathy measures. <i>Biological Psychology</i> , 2018, 132, 96-105.	2.2	8
81	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.	21.3	53
82	Neural correlates of cognitive function and symptoms in attention-deficit/hyperactivity disorder in adults. <i>NeuroImage: Clinical</i> , 2018, 19, 374-383.	2.7	29
83	A method to assess randomness of functional connectivity matrices. <i>Journal of Neuroscience Methods</i> , 2018, 303, 146-158.	2.5	14
84	Disrupted network cross talk, hippocampal dysfunction and hallucinations in schizophrenia. <i>Schizophrenia Research</i> , 2018, 199, 226-234.	2.0	29
85	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.	2.5	47
86	The lifespan trajectory of neural oscillatory activity in the motor system. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 159-168.	4.0	74
87	Cross-Tissue Exploration of Genetic and Epigenetic Effects on Brain Gray Matter in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 443-452.	4.3	29
88	Whole-brain connectivity dynamics reflect both task-specific and individual-specific modulation: A multitask study. <i>NeuroImage</i> , 2018, 180, 495-504.	4.2	56
89	Multimodal Fusion With Reference: Searching for Joint Neuromarkers of Working Memory Deficits in Schizophrenia. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 93-105.	8.9	65
90	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.	2.7	35

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91	Dynamic functional connectivity impairments in early schizophrenia and clinical high-risk for psychosis. <i>NeuroImage</i> , 2018, 180, 632-645.	4.2	125
92	Functional Neuroimaging Evidence for Distinct Neurobiological Pathways in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 675-685.	1.5	25
93	Mindfulness and dynamic functional neural connectivity in children and adolescents. <i>Behavioural Brain Research</i> , 2018, 336, 211-218.	2.2	68
94	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.	3.0	13
95	Functional connectivity during affective mentalizing in criminal offenders with psychotic disorders: Associations with clinical symptoms. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 91-99.	1.8	8
96	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018, 43, 1078-1087.	5.4	49
97	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.	1.5	26
98	Weak Mutual Information Between Functional Domains in Schizophrenia. , 2018, , .		0
99	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018, 37, 471-482.	6.1	31
100	Evaluating Models of Dynamic Functional Connectivity Using Predictive Classification Accuracy. , 2018, , .		1
101	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.	2.5	16
102	Integration of network topological features and graph Fourier transform for fMRI data analysis. , 2018, , .		6
103	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.	1.3	627
104	High dimensional latent Gaussian copula model for mixed data in imaging genetics. , 2018, , .		2
105	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.	2.0	20
106	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018, 9, 3028.	12.8	127
107	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.	4.2	45
108	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018, 183, 366-374.	4.2	73

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109	Polygenic risk score, genome-wide association, and gene set analyses of cognitive domain deficits in schizophrenia. <i>Schizophrenia Research</i> , 2018, 201, 393-399.	2.0	19
110	Age of gray matters: Neuroprediction of recidivism. <i>NeuroImage: Clinical</i> , 2018, 19, 813-823.	2.7	32
111	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.	2.0	17
112	A hybrid correlation analysis with application to imaging genetics. , 2018, , .		1
113	Machine learning of structural magnetic resonance imaging predicts psychopathic traits in adolescent offenders. <i>NeuroImage</i> , 2017, 145, 265-273.	4.2	30
114	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.	4.2	49
115	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. <i>NeuroImage</i> , 2017, 145, 218-229.	4.2	95
116	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.	4.2	100
117	Regional and source-based patterns of [11 C]-(+)-PHNO binding potential reveal concurrent alterations in dopamine D 2 and D 3 receptor availability in cocaine-use disorder. <i>NeuroImage</i> , 2017, 148, 343-351.	4.2	32
118	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. <i>Biological Psychiatry</i> , 2017, 82, 165-175.	1.3	144
119	Adaptive independent vector analysis for multi-subject complex-valued fMRI data. <i>Journal of Neuroscience Methods</i> , 2017, 281, 49-63.	2.5	13
120	Functional network connectivity predicts treatment outcome during treatment of nicotine use disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 265, 45-53.	1.8	18
121	Replicability of time-varying connectivity patterns in large resting state fMRI samples. <i>NeuroImage</i> , 2017, 163, 160-176.	4.2	163
122	Multimodal neural correlates of cognitive control in the Human Connectome Project. <i>NeuroImage</i> , 2017, 163, 41-54.	4.2	34
123	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.	3.2	16
124	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.	2.5	47
125	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. <i>Neuroinformatics</i> , 2017, 15, 343-364.	2.8	131
126	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017, 146, 157-170.	4.2	37

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127	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.	2.1	144
128	Chronnectomic patterns and neural flexibility underlie executive function. <i>NeuroImage</i> , 2017, 147, 861-871.	4.2	107
129	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , 2017, 145, 96-106.	4.2	42
130	Adaptive sparse multiple canonical correlation analysis with application to imaging (epi)genomics study of schizophrenia. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 65, 1-1.	4.2	30
131	Risperidone Effects on Brain Dynamic Connectivity—A Prospective Resting-State fMRI Study in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017, 8, 14.	2.6	40
132	Risk-Confering Glutamatergic Genes and Brain Glutamate Plus Glutamine in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017, 8, 79.	2.6	19
133	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.	2.6	25
134	Cortical Sensitivity to Guitar Note Patterns: EEG Entrainment to Repetition and Key. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 90.	2.0	6
135	Spatial Variance in Resting fMRI Networks of Schizophrenia Patients: An Independent Vector Analysis. <i>Schizophrenia Bulletin</i> , 2016, 42, sbv085.	4.3	24
136	Patterns of Co-Occurring Gray Matter Concentration Loss across the Huntington Disease Prodrome. <i>Frontiers in Neurology</i> , 2016, 7, 147.	2.4	26
137	Building an EEG-fMRI Multi-Modal Brain Graph: A Concurrent EEG-fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 476.	2.0	35
138	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.	2.8	10
139	Multimodal Classification of Schizophrenia Patients with MEG and fMRI Data Using Static and Dynamic Connectivity Measures. <i>Frontiers in Neuroscience</i> , 2016, 10, 466.	2.8	68
140	Functional MRI Evaluation of Multiple Neural Networks Underlying Auditory Verbal Hallucinations in Schizophrenia Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2016, 7, 39.	2.6	19
141	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.	2.6	18
142	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.	3.6	8
143	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, 913-923.	3.6	99
144	Sample-poor estimation of order and common signal subspace with application to fusion of medical imaging data. <i>NeuroImage</i> , 2016, 134, 486-493.	4.2	26

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145	The connectivity domain: Analyzing resting state fMRI data using feature-based data-driven and model-based methods. <i>NeuroImage</i> , 2016, 134, 494-507.	4.2	69
146	Classification of schizophrenia and bipolar patients using static and dynamic resting-state fMRI brain connectivity. <i>NeuroImage</i> , 2016, 134, 645-657.	4.2	294
147	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.	6.1	50
148	Joint sparse canonical correlation analysis for detecting differential imaging genetics modules. <i>Bioinformatics</i> , 2016, 32, 3480-3488.	4.1	59
149	Aberrant Functional Whole-Brain Network Architecture in Patients With Schizophrenia: A Meta-analysis. <i>Schizophrenia Bulletin</i> , 2016, 42, S13-S21.	4.3	80
150	Integration of SNPs-FMRI-methylation data with sparse multi-CCA for schizophrenia study. , 2016, 2016, 3310-3313.		12
151	Dysfunctional error-related processing in female psychopathy. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1059-1068.	3.0	30
152	Task-evoked brain functional magnetic susceptibility mapping by independent component analysis (iICA). <i>Journal of Neuroscience Methods</i> , 2016, 261, 161-171.	2.5	16
153	Interaction among subsystems within default mode network diminished in schizophrenia patients: A dynamic connectivity approach. <i>Schizophrenia Research</i> , 2016, 170, 55-65.	2.0	197
154	The role of diversity in complex ICA algorithms for fMRI analysis. <i>Journal of Neuroscience Methods</i> , 2016, 264, 129-135.	2.5	27
155	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, 851-862.	4.3	10
156	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.	1.5	255
157	COINS Data Exchange: An open platform for compiling, curating, and disseminating neuroimaging data. <i>NeuroImage</i> , 2016, 124, 1084-1088.	4.2	56
158	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. <i>Journal of Affective Disorders</i> , 2016, 190, 483-493.	4.1	102
159	The Function Biomedical Informatics Research Network Data Repository. <i>NeuroImage</i> , 2016, 124, 1074-1079.	4.2	114
160	SchizConnect: Mediating neuroimaging databases on schizophrenia and related disorders for large-scale integration. <i>NeuroImage</i> , 2016, 124, 1155-1167.	4.2	92
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