

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	The Chronnectome: Time-Varying Connectivity Networks as the Next Frontier in fMRI Data Discovery. <i>Neuron</i> , 2014, 84, 262-274.	8.1	1,143
2	Aberrant "Default Mode" Functional Connectivity in Schizophrenia. <i>American Journal of Psychiatry</i> , 2007, 164, 450-457.	7.2	1,004
3	Estimating the number of independent components for functional magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2007, 28, 1251-1266.	3.6	795
4	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
5	Deep learning for neuroimaging: a validation study. <i>Frontiers in Neuroscience</i> , 2014, 8, 229.	2.8	441
6	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.	2.0	384
7	A review of multivariate methods for multimodal fusion of brain imaging data. <i>Journal of Neuroscience Methods</i> , 2012, 204, 68-81.	2.5	352
8	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, 711-724.	3.6	311
9	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.	4.2	295
10	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
11	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
12	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.	7.1	207
13	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
14	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.	4.2	194
15	Feature-Based Fusion of Medical Imaging Data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009, 13, 711-720.	3.2	187
16	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015, 41, 1133-1142.	4.3	183
17	Dynamic changes of spatial functional network connectivity in healthy individuals and schizophrenia patients using independent vector analysis. <i>NeuroImage</i> , 2014, 90, 196-206.	4.2	175
18	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, 367-388.	2.8	168

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19	Replicability of time-varying connectivity patterns in large resting state fMRI samples. <i>NeuroImage</i> , 2017, 163, 160-176.	4.2	163
20	In Search of Multimodal Neuroimaging Biomarkers of Cognitive Deficits in Schizophrenia. <i>Biological Psychiatry</i> , 2015, 78, 794-804.	1.3	158
21	Classification of schizophrenia patients based on resting-state functional network connectivity. <i>Frontiers in Neuroscience</i> , 2013, 7, 133.	2.8	153
22	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. <i>NeuroImage</i> , 2014, 97, 117-126.	4.2	151
23	A multi-site resting state fMRI study on the amplitude of low frequency fluctuations in schizophrenia. <i>Frontiers in Neuroscience</i> , 2013, 7, 137.	2.8	144
24	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. <i>Biological Psychiatry</i> , 2017, 82, 165-175.	1.3	144
25	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
26	Function-structure associations of the brain: Evidence from multimodal connectivity and covariance studies. <i>NeuroImage</i> , 2014, 102, 11-23.	4.2	136
27	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, 5207-5212.	7.1	131
28	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. <i>Neuroinformatics</i> , 2017, 15, 343-364.	2.8	131
29	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.	4.2	130
30	Restricted Boltzmann machines for neuroimaging: An application in identifying intrinsic networks. <i>NeuroImage</i> , 2014, 96, 245-260.	4.2	127
31	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. <i>Nature Communications</i> , 2018, 9, 3028.	12.8	127
32	Dynamic functional connectivity impairments in early schizophrenia and clinical high-risk for psychosis. <i>NeuroImage</i> , 2018, 180, 632-645.	4.2	125
33	Correspondence between fMRI and SNP data by group sparse canonical correlation analysis. <i>Medical Image Analysis</i> , 2014, 18, 891-902.	11.6	123
34	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. <i>Schizophrenia Bulletin</i> , 2009, 35, 82-95.	4.3	117
35	Methylation Patterns in Whole Blood Correlate With Symptoms in Schizophrenia Patients. <i>Schizophrenia Bulletin</i> , 2014, 40, 769-776.	4.3	115
36	The Function Biomedical Informatics Research Network Data Repository. <i>NeuroImage</i> , 2016, 124, 1074-1079.	4.2	114

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37	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.	2.0	110
38	Baseline effects of transcranial direct current stimulation on glutamatergic neurotransmission and large-scale network connectivity. <i>Brain Research</i> , 2015, 1594, 92-107.	2.2	108
39	Chronnectomic patterns and neural flexibility underlie executive function. <i>NeuroImage</i> , 2017, 147, 861-871.	4.2	107
40	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
41	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
42	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, 456-465.	1.3	99
43	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
44	A review of multivariate analyses in imaging genetics. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 29.	2.5	98
45	Capturing subject variability in fMRI data: A graph-theoretical analysis of GICA vs. IVA. <i>Journal of Neuroscience Methods</i> , 2015, 247, 32-40.	2.5	98
46	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
47	SchizConnect: Mediating neuroimaging databases on schizophrenia and related disorders for large-scale integration. <i>NeuroImage</i> , 2016, 124, 1155-1167.	4.2	92
48	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
49	Dynamic functional connectivity in schizophrenia and autism spectrum disorder: Convergence, divergence and classification. <i>NeuroImage: Clinical</i> , 2019, 24, 101966.	2.7	88
50	Task-induced brain connectivity promotes the detection of individual differences in brain-behavior relationships. <i>NeuroImage</i> , 2020, 207, 116370.	4.2	88
51	Group-level component analyses of EEG: validation and evaluation. <i>Frontiers in Neuroscience</i> , 2015, 9, 254.	2.8	81
52	Aberrant Functional Whole-Brain Network Architecture in Patients With Schizophrenia: A Meta-analysis. <i>Schizophrenia Bulletin</i> , 2016, 42, S13-S21.	4.3	80
53	Alterations in Default Mode Network Connectivity During Pain Processing in Borderline Personality Disorder. <i>Archives of General Psychiatry</i> , 2012, 69, 993-1002.	12.3	79
54	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.	2.3	79

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55	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
56	Aberrant processing of deviant stimuli in schizophrenia revealed by fusion of fMRI and EEG data. <i>Acta Neuropsychiatrica</i> , 2010, 22, 127-138.	2.1	77
57	The lifespan trajectory of neural oscillatory activity in the motor system. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 159-168.	4.0	74
58	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018, 183, 366-374.	4.2	73
59	MicroRNA132 associated multimodal neuroimaging patterns in unmedicated major depressive disorder. <i>Brain</i> , 2018, 141, 916-926.	7.6	72
60	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
61	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
62	Mindfulness and dynamic functional neural connectivity in children and adolescents. <i>Behavioural Brain Research</i> , 2018, 336, 211-218.	2.2	68
63	<i>MB-COMT</i> promoter DNA methylation is associated with working-memory processing in schizophrenia patients and healthy controls. <i>Epigenetics</i> , 2014, 9, 1101-1107.	2.7	65
64	Schizophrenia miR-137 Locus Risk Genotype Is Associated with Dorsolateral Prefrontal Cortex Hyperactivation. <i>Biological Psychiatry</i> , 2014, 75, 398-405.	1.3	65
65	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
66	Brain structure and function correlates of cognitive subtypes in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 74-83.	1.8	64
67	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.	4.2	59
68	Joint sparse canonical correlation analysis for detecting differential imaging genetics modules. <i>Bioinformatics</i> , 2016, 32, 3480-3488.	4.1	59
69	Preserving subject variability in group fMRI analysis: performance evaluation of GICA vs. IVA. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 106.	2.5	58
70	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
71	COINS Data Exchange: An open platform for compiling, curating, and disseminating neuroimaging data. <i>NeuroImage</i> , 2016, 124, 1084-1088.	4.2	56
72	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

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73	Heritability of Multivariate Gray Matter Measures in Schizophrenia. <i>Twin Research and Human Genetics</i> , 2012, 15, 324-335.	0.6	53
74	Prefrontal Inefficiency Is Associated With Polygenic Risk for Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 1263-1271.	4.3	53
75	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
76	Dynamic state with covarying brain activity-connectivity: On the pathophysiology of schizophrenia. <i>NeuroImage</i> , 2021, 224, 117385.	4.2	52
77	On Network Derivation, Classification, and Visualization: A Response to Habeck and Moeller. <i>Brain Connectivity</i> , 2011, 1, 105-110.	1.7	51
78	Sharing privacy-sensitive access to neuroimaging and genetics data: a review and preliminary validation. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 35.	2.5	51
79	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
80	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , 2019, 184, 455-461.	4.2	50
81	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
82	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018, 43, 1078-1087.	5.4	49
83	Guided exploration of genomic risk for gray matter abnormalities in schizophrenia using parallel independent component analysis with reference. <i>NeuroImage</i> , 2013, 83, 384-396.	4.2	48
84	A three-way parallel ICA approach to analyze links among genetics, brain structure and brain function. <i>NeuroImage</i> , 2014, 98, 386-394.	4.2	47
85	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
86	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
87	Sparse models for correlative and integrative analysis of imaging and genetic data. <i>Journal of Neuroscience Methods</i> , 2014, 237, 69-78.	2.5	45
88	Neuropsychological profile in adult schizophrenia measured with the CMINDS. <i>Psychiatry Research</i> , 2015, 230, 826-834.	3.3	45
89	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
90	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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91	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , 2017, 145, 96-106.	4.2	42
92	Prognostic classification of mild cognitive impairment and Alzheimer's disease: MRI independent component analysis. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 81-88.	1.8	40
93	The role of the frontopolar cortex in manipulation of integrated information in working memory. <i>Neuroscience Letters</i> , 2015, 595, 25-29.	2.1	40
94	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
95	Harnessing modern web application technology to create intuitive and efficient data visualization and sharing tools. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 71.	2.5	39
96	A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 10-16.	1.8	39
97	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
98	The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , 2017, 146, 157-170.	4.2	37
99	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , 2019, 185, 191-197.	4.2	37
100	Independent component analysis of functional networks for response inhibition: Inter-subject variation in stop signal reaction time. <i>Human Brain Mapping</i> , 2015, 36, 3289-3302.	3.6	36
101	Smoking status as a potential confounder in the study of brain structure in schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 50, 84-91.	3.1	35
102	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
103	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
104	Multimodal neural correlates of cognitive control in the Human Connectome Project. <i>NeuroImage</i> , 2017, 163, 41-54.	4.2	34
105	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
106	Meta gene set enrichment analyses link miR-137-regulated pathways with schizophrenia risk. <i>Frontiers in Genetics</i> , 2015, 6, 147.	2.3	33
107	Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. <i>NeuroImage: Clinical</i> , 2019, 24, 101970.	2.7	33
108	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654.	4.2	33

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109	ICA of full complex-valued fMRI data using phase information of spatial maps. <i>Journal of Neuroscience Methods</i> , 2015, 249, 75-91.	2.5	32
110	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
111	Age of gray matters: Neuroprediction of recidivism. <i>NeuroImage: Clinical</i> , 2018, 19, 813-823.	2.7	32
112	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018, 37, 471-482.	6.1	31
113	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. <i>Schizophrenia Bulletin</i> , 2019, 45, 222-232.	4.3	31
114	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
115	Associations of White Matter Integrity and Cortical Thickness in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2014, 40, 665-674.	4.3	30
116	Dysfunctional error-related processing in female psychopathy. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1059-1068.	3.0	30
117	Machine learning of structural magnetic resonance imaging predicts psychopathic traits in adolescent offenders. <i>NeuroImage</i> , 2017, 145, 265-273.	4.2	30
118	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
119	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1474-1483.	8.9	30
120	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.	4.8	29
121	The association of DNA methylation and brain volume in healthy individuals and schizophrenia patients. <i>Schizophrenia Research</i> , 2015, 169, 447-452.	2.0	29
122	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
123	Disrupted network cross talk, hippocampal dysfunction and hallucinations in schizophrenia. <i>Schizophrenia Research</i> , 2018, 199, 226-234.	2.0	29
124	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
125	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
126	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

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127	On network derivation, classification, and visualization: a response to Habeck and Moeller. <i>Brain Connectivity</i> , 2011, 1, 1-19.	1.7	28
128	Psychopathic traits modulate brain responses to drug cues in incarcerated offenders. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 87.	2.0	27
129	The role of diversity in complex ICA algorithms for fMRI analysis. <i>Journal of Neuroscience Methods</i> , 2016, 264, 129-135.	2.5	27
130	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
131	Efficacy of different dynamic functional connectivity methods to capture cognitively relevant information. <i>NeuroImage</i> , 2019, 188, 502-514.	4.2	27
132	Patterns of Co-Occurring Gray Matter Concentration Loss across the Huntington Disease Prodrome. <i>Frontiers in Neurology</i> , 2016, 7, 147.	2.4	26
133	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
134	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
135	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
136	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
137	Common and unique multimodal covarying patterns in autism spectrum disorder subtypes. <i>Molecular Autism</i> , 2020, 11, 90.	4.9	26
138	Disambiguating the role of blood flow and global signal with partial information decomposition. <i>NeuroImage</i> , 2020, 213, 116699.	4.2	26
139	Association of GRM3 polymorphism with white matter integrity in schizophrenia. <i>Schizophrenia Research</i> , 2014, 155, 8-14.	2.0	25
140	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.	2.6	25
141	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
142	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
143	Association between the oral microbiome and brain resting state connectivity in smokers. <i>NeuroImage</i> , 2019, 200, 121-131.	4.2	25
144	Biotyping in psychosis: using multiple computational approaches with one data set. <i>Neuropsychopharmacology</i> , 2021, 46, 143-155.	5.4	25

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145	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
146	Deep Learning in Neuroimaging: Promises and challenges. <i>IEEE Signal Processing Magazine</i> , 2022, 39, 87-98.	5.6	25
147	Opposite Modulation of Brain Functional Networks Implicated at Low vs. High Demand of Attention and Working Memory. <i>PLoS ONE</i> , 2014, 9, e87078.	2.5	24
148	Spatial Variance in Resting fMRI Networks of Schizophrenia Patients: An Independent Vector Analysis. <i>Schizophrenia Bulletin</i> , 2016, 42, sbv085.	4.3	24
149	A framework for linking resting-state chroconnectome/genome features in schizophrenia: A pilot study. <i>NeuroImage</i> , 2019, 184, 843-854.	4.2	24
150	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
151	High-order interactions observed in multi-task intrinsic networks are dominant indicators of aberrant brain function in schizophrenia. <i>NeuroImage</i> , 2014, 102, 35-48.	4.2	22
152	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
153	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
154	A unified approach for characterizing static/dynamic connectivity frequency profiles using filter banks. <i>Network Neuroscience</i> , 2021, 5, 56-82.	2.6	21
155	The relationship between somatic and cognitive-affective depression symptoms and error-related ERPs. <i>Journal of Affective Disorders</i> , 2015, 172, 89-95.	4.1	20
156	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
157	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
158	Electroconvulsive therapy treatment responsive multimodal brain networks. <i>Human Brain Mapping</i> , 2020, 41, 1775-1785.	3.6	20
159	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.	2.5	19
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