Vd Calhoun

List of Publications by Year
in descending order

1,005 papers	71,864 citations	767 119 h-index	1505 219 g-index
1105 all docs	1105 docs citations	1105 times ranked	38809 citing authors

#	Article	IF	Citations
1	A method for making group inferences from functional MRI data using independent component analysis. Human Brain Mapping, 2001, 14, 140-151.	3.6	2,663
2	Tracking Whole-Brain Connectivity Dynamics in the Resting State. Cerebral Cortex, 2014, 24, 663-676.	2.9	2,426
3	Dynamic functional connectivity: Promise, issues, and interpretations. NeuroImage, 2013, 80, 360-378.	4.2	2,358
4	A Baseline for the Multivariate Comparison of Resting-State Networks. Frontiers in Systems Neuroscience, 2011, 5, 2.	2.5	1,159
5	The Chronnectome: Time-Varying Connectivity Networks as the Next Frontier in fMRI Data Discovery. Neuron, 2014, 84, 262-274.	8.1	1,143
6	The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. Scientific Data, 2016, 3, 160044.	5.3	1,038
7	Aberrant â€œDefault Modeâ€•Functional Connectivity in Schizophrenia. American Journal of Psychiatry, 2007, 164, 450-457.	7.2	1,004
8	Selective changes of resting-state networks in individuals at risk for Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18760-18765.	7.1	957
9	Dynamic functional connectivity analysis reveals transient states of dysconnectivity in schizophrenia. NeuroImage: Clinical, 2014, 5, 298-308.	2.7	925
10	A review of group ICA for fMRI data and ICA for joint inference of imaging, genetic, and ERP data. NeuroImage, 2009, 45, S163-S172.	4.2	924
11	A method for functional network connectivity among spatially independent resting-state components in schizophrenia. NeuroImage, 2008, 39, 1666-1681.	4.2	861
12	Estimating the number of independent components for functional magnetic resonance imaging data. Human Brain Mapping, 2007, 28, 1251-1266.	3.6	795
13	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
14	Spatial and temporal independent component analysis of functional MRI data containing a pair of task-related waveforms. Human Brain Mapping, 2001, 13, 43-53.	3.6	700
15	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
16	Single subject prediction of brain disorders in neuroimaging: Promises and pitfalls. NeuroImage, 2017, 145, 137-165.	4.2	688
17	Comparison of multiâ€subject ICA methods for analysis of fMRI data. Human Brain Mapping, 2011, 32, 2075-2095.	3.6	632
18	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	1.3	627

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19	Alterations in Memory Networks in Mild Cognitive Impairment and Alzheimer's Disease: An Independent Component Analysis. Journal of Neuroscience, 2006, 26, 10222-10231.	3.6	626
20	Abnormal functional connectivity of default mode sub-networks in autism spectrum disorder patients. NeuroImage, 2010, 53, 247-256.	4.2	590
21	Multisubject Independent Component Analysis of fMRI: A Decade of Intrinsic Networks, Default Mode, and Neurodiagnostic Discovery. IEEE Reviews in Biomedical Engineering, 2012, 5, 60-73.	18.0	586
22	A method for evaluating dynamic functional network connectivity and task-modulation: application to schizophrenia. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 351-366.	2.0	544
23	Modulation of temporally coherent brain networks estimated using ICA at rest and during cognitive tasks. Human Brain Mapping, 2008, 29, 828-838.	3.6	532
24	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. Molecular Psychiatry, 2018, 23, 1261-1269.	7.9	522
25	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
26	Deep learning for neuroimaging: a validation study. Frontiers in Neuroscience, 2014, 8, 229.	2.8	441
27	Brain Connectivity Is Not Only Lower but Different in Schizophrenia: A Combined Anatomical and Functional Approach. Biological Psychiatry, 2010, 68, 61-69.	1.3	424
28	Prediction of human errors by maladaptive changes in event-related brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6173-6178.	7.1	415
29	Measuring brain connectivity: Diffusion tensor imaging validates resting state temporal correlations. NeuroImage, 2008, 43, 554-561.	4.2	409
30	Dynamic connectivity states estimated from resting fMRI Identify differences among Schizophrenia, bipolar disorder, and healthy control subjects. Frontiers in Human Neuroscience, 2014, 8, 897.	2.0	384
31	Questions and controversies in the study of time-varying functional connectivity in resting fMRI. Network Neuroscience, 2020, 4, 30-69.	2.6	364
32	A review of multivariate methods for multimodal fusion of brain imaging data. Journal of Neuroscience Methods, 2012, 204, 68-81.	2.5	352
33	An open science resource for establishing reliability and reproducibility in functional connectomics. Scientific Data, 2014, 1, 140049.	5.3	349
34	Joint Blind Source Separation by Multiset Canonical Correlation Analysis. IEEE Transactions on Signal Processing, 2009, 57, 3918-3929.	5.3	340
35	Temporal lobe and â€œdefaultâ€•hemodynamic brain modes discriminate between schizophrenia and bipolar disorder. Human Brain Mapping, 2008, 29, 1265-1275.	3.6	314
36	Sourceâ€based morphometry: The use of independent component analysis to identify gray matter differences with application to schizophrenia. Human Brain Mapping, 2009, 30, 711-724.	3.6	311

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37	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	7.1	299
38	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. NeuroImage, 2016, 124, 127-146.	4.2	295
39	Classification of schizophrenia and bipolar patients using static and dynamic resting-state fMRI brain connectivity. NeuroImage, 2016, 134, 645-657.	4.2	294
40	fMRI Activation in a Visual-Perception Task: Network of Areas Detected Using the General Linear Model and Independent Components Analysis. NeuroImage, 2001, 14, 1080-1088.	4.2	275
41	fMRI evidence that the neural basis of response inhibition is task-dependent. Cognitive Brain Research, 2003, 17, 419-430.	3.0	269
42	Unmixing fMRI with independent component analysis. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 79-90.	0.8	260
43	Multimodal Fusion of Brain Imaging Data: A Key to Finding the Missing Link(s) in Complex Mental Illness. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 230-244.	1.5	255
44	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
45	Differences in Resting-State Functional Magnetic Resonance Imaging Functional Network Connectivity Between Schizophrenia and Psychotic Bipolar Probands and Their Unaffected First-Degree Relatives. Biological Psychiatry, 2012, 71, 881-889.	1.3	246
46	Combining fMRI and SNP data to investigate connections between brain function and genetics using parallel ICA. Human Brain Mapping, 2009, 30, 241-255.	3.6	237
47	Different activation dynamics in multiple neural systems during simulated driving. Human Brain Mapping, 2002, 16, 158-167.	3.6	235
48	Voxel-based morphometry versus region of interest: a comparison of two methods for analyzing gray matter differences in schizophrenia. Schizophrenia Research, 2005, 74, 135-147.	2.0	235
49	Neuronal chronometry of target detection: Fusion of hemodynamic and event-related potential data. NeuroImage, 2006, 30, 544-553.	4.2	235
50	Functional brain networks in schizophrenia: a review. Frontiers in Human Neuroscience, 2009, 3, 17.	2.0	234
51	Method for multimodal analysis of independent source differences in schizophrenia: Combining gray matter structural and auditory oddball functional data. Human Brain Mapping, 2006, 27, 47-62.	3.6	230
52	Changes in the interaction of restingâ€state neural networks from adolescence to adulthood. Human Brain Mapping, 2009, 30, 2356-2366.	3.6	230
53	An adaptive reflexive processing model of neurocognitive function: supporting evidence from a large scale (n = 100) fMRI study of an auditory oddball task. NeuroImage, 2005, 25, 899-915.	4.2	229
54	Correspondence of DNA Methylation Between Blood and Brain Tissue and Its Application to Schizophrenia Research. Schizophrenia Bulletin, 2016, 42, 406-414.	4.3	227

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55	Classification and Prediction of Brain Disorders Using Functional Connectivity: Promising but Challenging. Frontiers in Neuroscience, 2018, 12, 525.	2.8	220
56	Neuroprediction of future rearrest. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6223-6228.	7.1	219
57	Discriminating schizophrenia and bipolar disorder by fusing fMRI and DTI in a multimodal CCA+ joint ICA model. NeuroImage, 2011, 57, 839-855.	4.2	218
58	Canonical Correlation Analysis for Data Fusion and Group Inferences. IEEE Signal Processing Magazine, 2010, 27, 39-50.	5.6	217
59	A Study of the Influence of Sex on Genome Wide Methylation. PLoS ONE, 2010, 5, e10028.	2.5	217
60	Dysregulation of working memory and defaultâ€mode networks in schizophrenia using independent component analysis, an fBIRN and MCIC study. Human Brain Mapping, 2009, 30, 3795-3811.	3.6	216
61	Advancing functional connectivity research from association to causation. Nature Neuroscience, 2019, 22, 1751-1760.	14.8	215
62	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
63	Predicting Cognitive Decline in Subjects at Risk for Alzheimer Disease by Using Combined Cerebrospinal Fluid, MR Imaging, and PET Biomarkers. Radiology, 2013, 266, 583-591.	7.3	212
64	Functional neural networks underlying response inhibition in adolescents and adults. Behavioural Brain Research, 2007, 181, 12-22.	2.2	210
65	TDCS guided using fMRI significantly accelerates learning to identify concealed objects. NeuroImage, 2012, 59, 117-128.	4.2	209
66	Multivariate analysis reveals genetic associations of the resting default mode network in psychotic bipolar disorder and schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2066-75.	7.1	207
67	Capturing inter-subject variability with group independent component analysis of fMRI data: A simulation study. NeuroImage, 2012, 59, 4141-4159.	4.2	204
68	Is Aberrant Functional Connectivity A Psychosis Endophenotype? A Resting State Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2013, 74, 458-466.	1.3	202
69	Function biomedical informatics research network recommendations for prospective multicenter functional MRI studies. Journal of Magnetic Resonance Imaging, 2012, 36, 39-54.	3.4	201
70	Machine learning in major depression: From classification to treatment outcome prediction. CNS Neuroscience and Therapeutics, 2018, 24, 1037-1052.	3.9	199
71	NeuroMark: An automated and adaptive ICA based pipeline to identify reproducible fMRI markers of brain disorders. NeuroImage: Clinical, 2020, 28, 102375.	2.7	198
72	Interaction among subsystems within default mode network diminished in schizophrenia patients: A dynamic connectivity approach. Schizophrenia Research, 2016, 170, 55-65.	2.0	197

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73	Long-term effects of marijuana use on the brain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16913-16918.	7.1	196
74	Assessing dynamic brain graphs of time-varying connectivity in fMRI data: Application to healthy controls and patients with schizophrenia. NeuroImage, 2015, 107, 345-355.	4.2	194
75	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
76	Mind over chatter: Plastic up-regulation of the fMRI salience network directly after EEG neurofeedback. NeuroImage, 2013, 65, 324-335.	4.2	191
77	Feature-Based Fusion of Medical Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 711-720.	3.2	187
78	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. Schizophrenia Bulletin, 2015, 41, 1133-1142.	4.3	183
79	Dynamic functional connectivity of neurocognitive networks in children. Human Brain Mapping, 2017, 38, 97-108.	3.6	183
80	SimTB, a simulation toolbox for fMRI data under a model of spatiotemporal separability. NeuroImage, 2012, 59, 4160-4167.	4.2	182
81	Exploring the Psychosis Functional Connectome: Aberrant Intrinsic Networks in Schizophrenia and Bipolar Disorder. Frontiers in Psychiatry, 2011, 2, 75.	2.6	181
82	Aberrant paralimbic gray matter in criminal psychopathy.. Journal of Abnormal Psychology, 2012, 121, 649-658.	1.9	180
83	Neuroimaging-based Individualized Prediction of Cognition and Behavior for Mental Disorders and Health: Methods and Promises. Biological Psychiatry, 2020, 88, 818-828.	1.3	180
84	The impact of T1 versus EPI spatial normalization templates for fMRI data analyses. Human Brain Mapping, 2017, 38, 5331-5342.	3.6	179
85	Characterizing dynamic amplitude of low-frequency fluctuation and its relationship with dynamic functional connectivity: An application to schizophrenia. NeuroImage, 2018, 180, 619-631.	4.2	178
86	fMRI analysis with the general linear model: removal of latency-induced amplitude bias by incorporation of hemodynamic derivative terms. NeuroImage, 2004, 22, 252-257.	4.2	177
87	Dynamic changes of spatial functional network connectivity in healthy individuals and schizophrenia patients using independent vector analysis. NeuroImage, 2014, 90, 196-206.	4.2	175
88	ICA and IVA for Data Fusion: An Overview and a New Approach Based on Disjoint Subspaces. , 2019, 3, 1-4.		174
89	Dynamic modeling of neuronal responses in fMRI using cubature Kalman filtering. NeuroImage, 2011, 56, 2109-2128.	4.2	170
90	Alcohol Intoxication Effects on Simulated Driving: Exploring Alcohol-Dose Effects on Brain Activation Using Functional MRI. Neuropsychopharmacology, 2004, 29, 2097-2107.	5.4	169

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91	The MCIC Collection: A Shared Repository of Multi-Modal, Multi-Site Brain Image Data from a Clinical Investigation of Schizophrenia. Neuroinformatics, 2013, 11, 367-388.	2.8	168
92	A Hybrid Machine Learning Method for Fusing fMRI and Genetic Data: Combining both Improves Classification of Schizophrenia. Frontiers in Human Neuroscience, 2010, 4, 192.	2.0	167
93	Replicability of time-varying connectivity patterns in large resting state fMRI samples. NeuroImage, 2017, 163, 160-176.	4.2	163
94	COINS: An Innovative Informatics and Neuroimaging Tool Suite Built for Large Heterogeneous Datasets. Frontiers in Neuroinformatics, 2011, 5, 33.	2.5	162
95	Performance of blind source separation algorithms for fMRI analysis using a group ICA method. Magnetic Resonance Imaging, 2007, 25, 684-694.	1.8	160
96	Save the Global: Global Signal Connectivity as a Tool for Studying Clinical Populations with Functional Magnetic Resonance Imaging. Brain Connectivity, 2014, 4, 395-403.	1.7	160
97	In Search of Multimodal Neuroimaging Biomarkers of Cognitive Deficits in Schizophrenia. Biological Psychiatry, 2015, 78, 794-804.	1.3	158
98	A method for comparing group fMRI data using independent component analysis: application to visual, motor and visuomotor tasks. Magnetic Resonance Imaging, 2004, 22, 1181-1191.	1.8	156
99	Multi-set canonical correlation analysis for the fusion of concurrent single trial ERP and functional MRI. NeuroImage, 2010, 50, 1438-1445.	4.2	156
100	Three-way (N-way) fusion of brain imaging data based on mCCA+jICA and its application to discriminating schizophrenia. NeuroImage, 2013, 66, 119-132.	4.2	154
101	Correspondence between structure and function in the human brain at rest. Frontiers in Neuroinformatics, 2012, 6, 10.	2.5	153
102	Classification of schizophrenia patients based on resting-state functional network connectivity. Frontiers in Neuroscience, 2013, 7, 133.	2.8	153
103	Associations of Cortical Thickness and Cognition in Patients With Schizophrenia and Healthy Controls. Schizophrenia Bulletin, 2012, 38, 1050-1062.	4.3	152
104	Thalamus and posterior temporal lobe show greater inter-network connectivity at rest and across sensory paradigms in schizophrenia. NeuroImage, 2014, 97, 117-126.	4.2	151
105	A method for multitask fMRI data fusion applied to schizophrenia. Human Brain Mapping, 2006, 27, 598-610.	3.6	149
106	Higher Dimensional Meta-State Analysis Reveals Reduced Resting fMRI Connectivity Dynamism in Schizophrenia Patients. PLoS ONE, 2016, 11, e0149849.	2.5	148
107	Semiblind spatial ICA of fMRI using spatial constraints. Human Brain Mapping, 2010, 31, 1076-1088.	3.6	146
108	Dynamic functional network connectivity reveals unique and overlapping profiles of insula subdivisions. Human Brain Mapping, 2016, 37, 1770-1787.	3.6	146

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109	A multi-site resting state fMRI study on the amplitude of low frequency fluctuations in schizophrenia. Frontiers in Neuroscience, 2013, 7, 137.	2.8	144
110	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. Biological Psychiatry, 2017, 82, 165-175.	1.3	144
111	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	2.1	144
112	Dynamic coherence analysis of resting fMRI data to jointly capture state-based phase, frequency, and time-domain information. NeuroImage, 2015, 120, 133-142.	4.2	141
113	Semi-blind ICA of fMRI: A method for utilizing hypothesis-derived time courses in a spatial ICA analysis. NeuroImage, 2005, 25, 527-538.	4.2	139
114	Altered Topological Properties of Functional Network Connectivity in Schizophrenia during Resting State: A Small-World Brain Network Study. PLoS ONE, 2011, 6, e25423.	2.5	139
115	Age-related changes in processing speed: unique contributions of cerebellar and prefrontal cortex. Frontiers in Human Neuroscience, 2010, 4, 10.	2.0	138
116	Functionâ€"structure associations of the brain: Evidence from multimodal connectivity and covariance studies. NeuroImage, 2014, 102, 11-23.	4.2	136
117	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
118	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. NeuroImage, 2020, 218, 116956.	4.2	135
119	Functional neural circuits for mental timekeeping. Human Brain Mapping, 2007, 28, 394-408.	3.6	133
120	Resting state connectivity differences in eyes open versus eyes closed conditions. Human Brain Mapping, 2019, 40, 2488-2498.	3.6	133
121	Auditory Oddball Deficits in Schizophrenia: An Independent Component Analysis of the fMRI Multisite Function BIRN Study. Schizophrenia Bulletin, 2009, 35, 67-81.	4.3	132
122	Information flow between interacting human brains: Identification, validation, and relationship to social expertise. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5207-5212.	7.1	131
123	Multimodal Neuroimaging in Schizophrenia: Description and Dissemination. Neuroinformatics, 2017, 15, 343-364.	2.8	131
124	Resting state and taskâ€induced deactivation: A methodological comparison in patients with schizophrenia and healthy controls. Human Brain Mapping, 2010, 31, 424-437.	3.6	130
125	A group ICA based framework for evaluating resting fMRI markers when disease categories are unclear: application to schizophrenia, bipolar, and schizoaffective disorders. NeuroImage, 2015, 122, 272-280.	4.2	130
126	Electroconvulsive Therapy Response in Major Depressive Disorder: A Pilot Functional Network Connectivity Resting State fMRI Investigation. Frontiers in Psychiatry, 2013, 4, 10.	2.6	129

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127	Independent component analysis of fMRI data in the complex domain. Magnetic Resonance in Medicine, 2002, 48, 180-192.	3.0	127
128	Restricted Boltzmann machines for neuroimaging: An application in identifying intrinsic networks. NeuroImage, 2014, 96, 245-260.	4.2	127
129	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. Nature Communications, 2018, 9, 3028.	12.8	127
130	Artifact removal in the context of group <scp>ICA</scp>: A comparison of singleâ€subject and group approaches. Human Brain Mapping, 2016, 37, 1005-1025.	3.6	126
131	Aberrant Dynamic Functional Network Connectivity and Graph Properties in Major Depressive Disorder. Frontiers in Psychiatry, 2018, 9, 339.	2.6	126
132	Brain Connectivity Networks in Schizophrenia Underlying Resting State Functional Magnetic Resonance Imaging. Current Topics in Medicinal Chemistry, 2012, 12, 2415-2425.	2.1	125
133	Dynamic functional connectivity impairments in early schizophrenia and clinical high-risk for psychosis. NeuroImage, 2018, 180, 632-645.	4.2	125
134	Correspondence between fMRI and SNP data by group sparse canonical correlation analysis. Medical Image Analysis, 2014, 18, 891-902.	11.6	123
135	Investigation of relationships between fMRI brain networks in the spectral domain using ICA and Granger causality reveals distinct differences between schizophrenia patients and healthy controls. NeuroImage, 2009, 46, 419-431.	4.2	122
136	Canonical Correlation Analysis for Feature-Based Fusion of Biomedical Imaging Modalities and Its Application to Detection of Associative Networks in Schizophrenia. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 998-1007.	10.8	120
137	A Functional Magnetic Resonance Imaging Study of Working Memory Abnormalities in Schizophrenia. Biological Psychiatry, 2006, 60, 11-21.	1.3	119
138	Diffusion tensor imaging in schizophrenia: Relationship to symptoms. Schizophrenia Research, 2008, 98, 157-162.	2.0	118
139	Abnormal thalamocortical network dynamics in migraine. Neurology, 2019, 92, e2706-e2716.	1.1	118
140	Joint independent component analysis for simultaneous EEGâ€"fMRI: Principle and simulation. International Journal of Psychophysiology, 2008, 67, 212-221.	1.0	117
141	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. Schizophrenia Bulletin, 2009, 35, 82-95.	4.3	117
142	Methylation Patterns in Whole Blood Correlate With Symptoms in Schizophrenia Patients. Schizophrenia Bulletin, 2014, 40, 769-776.	4.3	115
143	Automatic Identification of Functional Clusters in fMRI Data Using Spatial Dependence. IEEE Transactions on Biomedical Engineering, 2011, 58, 3406-3417.	4.2	114
144	Premotor functional connectivity predicts impulsivity in juvenile offenders. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11241-11245.	7.1	114

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145	The Function Biomedical Informatics Research Network Data Repository. NeuroImage, 2016, 124, 1074-1079.	4.2	114
146	Deep learning encodes robust discriminative neuroimaging representations to outperform standard machine learning. Nature Communications, 2021, 12, 353.	12.8	114
147	Interrater and intermethod reliability of default mode network selection. Human Brain Mapping, 2009, 30, 2293-2303.	3.6	113
148	Reactivity of hemodynamic responses and functional connectivity to different states of alpha synchrony: A concurrent EEG-fMRI study. NeuroImage, 2010, 52, 1252-1260.	4.2	113
149	Global White Matter Abnormalities in Schizophrenia: A Multisite Diffusion Tensor Imaging Study. Schizophrenia Bulletin, 2011, 37, 222-232.	4.3	113
150	Exploration of scanning effects in multi-site structural MRI studies. Journal of Neuroscience Methods, 2014, 230, 37-50.	2.5	112
151	A large scale multivariate parallel ICA method reveals novel imagingâ€"genetic relationships for Alzheimer's disease in the ADNI cohort. NeuroImage, 2012, 60, 1608-1621.	4.2	111
152	Identifying dynamic functional connectivity biomarkers using GIGâ€ICA: Application to schizophrenia, schizoaffective disorder, and psychotic bipolar disorder. Human Brain Mapping, 2017, 38, 2683-2708.	3.6	111
153	A large scale (N=400) investigation of gray matter differences in schizophrenia using optimized voxel-based morphometry. Schizophrenia Research, 2008, 101, 95-105.	2.0	110
154	Data Visualization in the Neurosciences: Overcoming the Curse of Dimensionality. Neuron, 2012, 74, 603-608.	8.1	110
155	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site FMRI data. EBioMedicine, 2019, 47, 543-552.	6.1	109
156	Baseline effects of transcranial direct current stimulation on glutamatergic neurotransmission and large-scale network connectivity. Brain Research, 2015, 1594, 92-107.	2.2	108
157	Detection of Mild Traumatic Brain Injury by Machine Learning Classification Using Resting State Functional Network Connectivity and Fractional Anisotropy. Journal of Neurotrauma, 2017, 34, 1045-1053.	3.4	108
158	Evidence for Anomalous Network Connectivity during Working Memory Encoding in Schizophrenia: An ICA Based Analysis. PLoS ONE, 2009, 4, e7911.	2.5	108
159	Chronnectomic patterns and neural flexibility underlie executive function. NeuroImage, 2017, 147, 861-871.	4.2	107
160	Altered static and dynamic functional network connectivity in Alzheimer's disease and subcortical ischemic vascular disease: shared and specific brain connectivity abnormalities. Human Brain Mapping, 2019, 40, 3203-3221.	3.6	107
161	An ICA-based method for the identification of optimal FMRI features and components using combined group-discriminative techniques. NeuroImage, 2009, 46, 73-86.	4.2	105
162	Potential Impact of miR-137 and Its Targets in Schizophrenia. Frontiers in Genetics, 2013, 4, 58.	2.3	104

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163	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. Journal of Affective Disorders, 2016, 190, 483-493.	4.1	102
164	Brain network dynamics during error commission. Human Brain Mapping, 2009, 30, 24-37.	3.6	101
165	Unmixing concurrent EEG-fMRI with parallel independent component analysis. International Journal of Psychophysiology, 2008, 67, 222-234.	1.0	100
166	High Classification Accuracy for Schizophrenia with Rest and Task fMRI Data. Frontiers in Human Neuroscience, 2012, 6, 145.	2.0	100
167	Task-specific feature extraction and classification of fMRI volumes using a deep neural network initialized with a deep belief network: Evaluation using sensorimotor tasks. NeuroImage, 2017, 145, 314-328.	4.2	100
168	Transient increased thalamic-sensory connectivity and decreased whole-brain dynamism in autism. NeuroImage, 2019, 190, 191-204.	4.2	100
169	A selective review of simulated driving studies: Combining naturalistic and hybrid paradigms, analysis approaches, and future directions. NeuroImage, 2012, 59, 25-35.	4.2	99
170	Functional network connectivity during rest and task conditions: A comparative study. Human Brain Mapping, 2013, 34, 2959-2971.	3.6	99
171	Resting State Electroencephalogram Oscillatory Abnormalities in Schizophrenia and Psychotic Bipolar Patients and Their Relatives from the Bipolar and Schizophrenia Network on Intermediate Phenotypes Study. Biological Psychiatry, 2014, 76, 456-465.	1.3	99
172	Presurgical brain mapping of the language network in patients with brain tumors using restingâ€state f<scp>MRI</scp>: Comparison with task f<scp>MRI</scp>. Human Brain Mapping, 2016, 37, 913-923.	3.6	99
173	Disruption to control network function correlates with altered dynamic connectivity in the wider autism spectrum. NeuroImage: Clinical, 2017, 15, 513-524.	2.7	99
174	Aberrant Paralimbic Gray Matter in Incarcerated Male Adolescents With Psychopathic Traits. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 94-103.e3.	0.5	98
175	A review of multivariate analyses in imaging genetics. Frontiers in Neuroinformatics, 2014, 8, 29.	2.5	98
176	Capturing subject variability in fMRI data: A graph-theoretical analysis of GICA vs. IVA. Journal of Neuroscience Methods, 2015, 247, 32-40.	2.5	98
177	Ten Key Observations on the Analysis of Resting-state Functional MR Imaging Data Using Independent Component Analysis. Neuroimaging Clinics of North America, 2017, 27, 561-579.	1.0	98
178	Hemispheric differences in hemodynamics elicited by auditory oddball stimuli. NeuroImage, 2005, 26, 782-792.	4.2	95
179	Impact of autocorrelation on functional connectivity. NeuroImage, 2014, 102, 294-308.	4.2	95
180	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. NeuroImage, 2017, 145, 218-229.	4.2	95

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181	Machine learning of brain gray matter differentiates sex in a large forensic sample. Human Brain Mapping, 2019, 40, 1496-1506.	3.6	95
182	Dynamic Granger causality based on Kalman filter for evaluation of functional network connectivity in fMRI data. NeuroImage, 2010, 53, 65-77.	4.2	94
183	Connectivity dynamics in typical development and its relationship to autistic traits and autism spectrum disorder. Human Brain Mapping, 2018, 39, 3127-3142.	3.6	94
184	A large scale (N=102) functional neuroimaging study of response inhibition in a Go/NoGo task. Behavioural Brain Research, 2013, 256, 529-536.	2.2	92
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