

# Dajiang Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,619  
citations

361296

20  
h-index

315616

38  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Representing and Retrieving Video Shots in Human-Centric Brain Imaging Space. IEEE Transactions on Image Processing, 2013, 22, 2723-2736.	6.0	229
2	Sparse representation of whole-brain fMRI signals for identification of functional networks. Medical Image Analysis, 2015, 20, 112-134.	7.0	181
3	DICCCOL: Dense Individualized and Common Connectivity-Based Cortical Landmarks. Cerebral Cortex, 2013, 23, 786-800.	1.6	153
4	Dynamic functional connectomics signatures for characterization and differentiation of PTSD patients. Human Brain Mapping, 2014, 35, 1761-1778.	1.9	135
5	Fusing DTI and fMRI data: A survey of methods and applications. NeuroImage, 2014, 102, 184-191.	2.1	108
6	Connectome-scale assessments of structural and functional connectivity in MCI. Human Brain Mapping, 2014, 35, 2911-2923.	1.9	65
7	Optimization of functional brain ROIs via maximization of consistency of structural connectivity profiles. NeuroImage, 2012, 59, 1382-1393.	2.1	61
8	Characterizing and Differentiating Brain State Dynamics via Hidden Markov Models. Brain Topography, 2015, 28, 666-679.	0.8	61
9	A functional model of cortical gyri and sulci. Brain Structure and Function, 2014, 219, 1473-1491.	1.2	53
10	Inferring Group-Wise Consistent Multimodal Brain Networks via Multi-View Spectral Clustering. IEEE Transactions on Medical Imaging, 2013, 32, 1576-1586.	5.4	47
11	Connectomics signatures of prenatal cocaine exposure affected adolescent brains. Human Brain Mapping, 2013, 34, 2494-2510.	1.9	39
12	Deep Fusion of Brain Structure-Function in Mild Cognitive Impairment. Medical Image Analysis, 2021, 72, 102082.	7.0	37
13	Inferring functional interaction and transition patterns via dynamic bayesian variable partition models. Human Brain Mapping, 2014, 35, 3314-3331.	1.9	34
14	Atomic dynamic functional interaction patterns for characterization of ADHD. Human Brain Mapping, 2014, 35, 5262-5278.	1.9	32
15	Assessing effects of prenatal alcohol exposure using group-wise sparse representation of fMRI data. Psychiatry Research - Neuroimaging, 2015, 233, 254-268.	0.9	32
16	Visual analytics of brain networks. NeuroImage, 2012, 61, 82-97.	2.1	31
17	Individual Functional ROI Optimization Via Maximization of Group-Wise Consistency of Structural and Functional Profiles. Neuroinformatics, 2012, 10, 225-242.	1.5	31
18	Characterization of task-free and task-performance brain states via functional connectome patterns. Medical Image Analysis, 2013, 17, 1106-1122.	7.0	30

#	ARTICLE	IF	CITATIONS
19	Meta-Analysis of Functional Roles of DICCCOLs. <i>Neuroinformatics</i> , 2013, 11, 47-63.	1.5	28
20	Diffusion tensor imaging reveals evolution of primate brain architectures. <i>Brain Structure and Function</i> , 2013, 218, 1429-1450.	1.2	25
21	Predicting brain structural network using functional connectivity. <i>Medical Image Analysis</i> , 2022, 79, 102463.	7.0	25
22	On initial Brain Activity Mapping of episodic and semantic memory code in the hippocampus. <i>Neurobiology of Learning and Memory</i> , 2013, 105, 200-210.	1.0	22
23	Intrinsic Functional Component Analysis via Sparse Representation on Alzheimer's Disease Neuroimaging Initiative Database. <i>Brain Connectivity</i> , 2014, 4, 575-586.	0.8	17
24	Discovering hierarchical common brain networks via multimodal deep belief network. <i>Medical Image Analysis</i> , 2019, 54, 238-252.	7.0	15
25	Sparse Representation of Higher-Order Functional Interaction Patterns in Task-Based fMRI Data. <i>Lecture Notes in Computer Science</i> , 2013, 16, 626-634.	1.0	13
26	Atomic connectomics signatures for characterization and differentiation of mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2015, 9, 663-677.	1.1	12
27	Fine-Granularity Functional Interaction Signatures for Characterization of Brain Conditions. <i>Neuroinformatics</i> , 2013, 11, 301-317.	1.5	11
28	Identifying and Characterizing Resting State Networks in Temporally Dynamic Functional Connectomes. <i>Brain Topography</i> , 2014, 27, 747-765.	0.8	11
29	Jointly Analyzing Alzheimer's Disease Related Structure-Function Using Deep Cross-Model Attention Network. , 2020, , .		10
30	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021, 32, 1183-1197.	1.8	10
31	Group-wise consistent cortical parcellation based on connectional profiles. <i>Medical Image Analysis</i> , 2016, 32, 32-45.	7.0	9
32	Sparse Representation of Group-Wise fMRI Signals. <i>Lecture Notes in Computer Science</i> , 2013, 16, 608-616.	1.0	9
33	Predictive models of resting state networks for assessment of altered functional connectivity in mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2014, 8, 542-557.	1.1	7
34	Connectomics signature for characterizat on of mild cognitive impairment and schizophrenia. , 2014, 2014, 325-328.		5
35	Construction of Multi-Scale Consistent Brain Networks: Methods and Applications. <i>PLoS ONE</i> , 2015, 10, e0118175.	1.1	5
36	Data-driven analysis of functional brain interactions during free listening to music and speech. <i>Brain Imaging and Behavior</i> , 2015, 9, 162-177.	1.1	5

#	ARTICLE	IF	CITATIONS
37	Integrating group-wise functional brain activities via point processes. , 2014, , .		4
38	Group-Wise FMRI Activation Detection on DICCCOL Landmarks. Neuroinformatics, 2014, 12, 513-534.	1.5	3
39	Learning Latent Structure Over Deep Fusion Model of Mild Cognitive Impairment. , 2020, , .		3
40	Predicting cortical ROIs via joint modeling of anatomical and connectional profiles. Medical Image Analysis, 2013, 17, 601-615.	7.0	2
41	Inferring functional network-based signatures via structurally-weighted LASSO model. , 2013, 2013, 970-973.		2
42	Group-wise change point detection in task FMRI data by Bayesian methods. , 2013, , .		1
43	Group-wise consistent cortical parcellation based on DTI-derived connectional profiles. , 2014, , .		1
44	Group-wise optimization and individualized prediction of structural connectomes. , 2014, , .		1
45	Exploring latent structures of Alzheimer's disease via structure learning. , 2018, , .		1
46	Accessing Latent Connectome of Mild Cognitive Impairment via Discriminant Structure Learning. , 2019, , .		1
47	Predictive Models of Resting State Networks for Assessment of Altered Functional Connectivity in MCI. Lecture Notes in Computer Science, 2013, 16, 674-681.	1.0	1
48	Editorial: Advanced Neuroimaging Methods in Brain Disorders. Frontiers in Human Neuroscience, 2022, 16, 906323.	1.0	1
49	Group-wise connection activation detection based on DICCCOL. , 2014, , .		0
50	Discovering network-level functional interactions from working memory fMRI data. , 2014, , .		0
51	Anatomy-Guided Discovery of Large-Scale Consistent Connectivity-Based Cortical Landmarks. Lecture Notes in Computer Science, 2013, 16, 617-625.	1.0	0
52	Group-Wise FMRI Activation Detection on Corresponding Cortical Landmarks. Lecture Notes in Computer Science, 2013, 16, 665-673.	1.0	0