Dajiang Zhu

List of Publications by Year
in descending order

52	1,619	361296	315616
papers	citations	20	38
		h-index	g-index

53	53	53	1854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Editorial: Advanced Neuroimaging Methods in Brain Disorders. Frontiers in Human Neuroscience, 2022, 16, 906323.	1.0	1
2	Predicting brain structural network using functional connectivity. Medical Image Analysis, 2022, 79, 102463.	7.0	25
3	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. Psychological Science, 2021, 32, 1183-1197.	1.8	10
4	Deep Fusion of Brain Structure-Function in Mild Cognitive Impairment. Medical Image Analysis, 2021, 72, 102082.	7.0	37
5	Jointly Analyzing Alzheimer's Disease Related Structure-Function Using Deep Cross-Model Attention Network. , 2020, , .		10
6	Learning Latent Structure Over Deep Fusion Model of Mild Cognitive Impairment. , 2020, , .		3
7	Accessing Latent Connectome of Mild Cognitive Impairment via Discriminant Structure Learning. , 2019, , .		1
8	Discovering hierarchical common brain networks via multimodal deep belief network. Medical Image Analysis, 2019, 54, 238-252.	7.0	15
9	Exploring latent structures of Alzheimer's disease via structure learning. , 2018, , .		1
10	Group-wise consistent cortical parcellation based on connectional profiles. Medical Image Analysis, 2016, 32, 32-45.	7.0	9
11	Construction of Multi-Scale Consistent Brain Networks: Methods and Applications. PLoS ONE, 2015, 10, e0118175.	1.1	5
12	Atomic connectomics signatures for characterization and differentiation of mild cognitive impairment. Brain Imaging and Behavior, 2015, 9, 663-677.	1.1	12
13	Assessing effects of prenatal alcohol exposure using group-wise sparse representation of fMRI data. Psychiatry Research - Neuroimaging, 2015, 233, 254-268.	0.9	32
14	Sparse representation of whole-brain fMRI signals for identification of functional networks. Medical Image Analysis, 2015, 20, 112-134.	7.0	181
15	Data-driven analysis of functional brain interactions during free listening to music and speech. Brain Imaging and Behavior, 2015, 9, 162-177.	1.1	5
16	Characterizing and Differentiating Brain State Dynamics via Hidden Markov Models. Brain Topography, 2015, 28, 666-679.	0.8	61
17	Group-wise consistent cortical parcellation based on DTI-derived connectional profiles. , 2014, , .		1
18	Group-wise connection activation detection based on DICCCOL. , 2014, , .		0

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19	Inferring functional interaction and transition patterns via dynamic bayesian variable partition models. Human Brain Mapping, 2014, 35, 3314-3331.	1.9	34
20	Integrating group-wise functional brain activities via point processes. , 2014, , .		4
21	Group-wise optimization and individualized prediction of structural connectomes. , 2014, , .		1
22	A functional model of cortical gyri and sulci. Brain Structure and Function, 2014, 219, 1473-1491.	1.2	53
23	Predictive models of resting state networks for assessment of altered functional connectivity in mild cognitive impairment. Brain Imaging and Behavior, 2014, 8, 542-557.	1.1	7
24	Fusing DTI and fMRI data: A survey of methods and applications. NeuroImage, 2014, 102, 184-191.	2.1	108
25	Dynamic functional connectomics signatures for characterization and differentiation of PTSD patients. Human Brain Mapping, 2014, 35, 1761-1778.	1.9	135
26	Discovering network-level functional interactions from working memory fMRI data. , 2014, , .		0
27	Intrinsic Functional Component Analysis via Sparse Representation on Alzheimer's Disease Neuroimaging Initiative Database. Brain Connectivity, 2014, 4, 575-586.	0.8	17
28	Connectomics signature for characterizaton of mild cognitive impairment and schizophrenia. , 2014, 2014, 325-328.		5
29	Connectome-scale assessments of structural and functional connectivity in MCI. Human Brain Mapping, 2014, 35, 2911-2923.	1.9	65
30	Group-Wise FMRI Activation Detection on DICCCOL Landmarks. Neuroinformatics, 2014, 12, 513-534.	1.5	3
31	Atomic dynamic functional interaction patterns for characterization of ADHD. Human Brain Mapping, 2014, 35, 5262-5278.	1.9	32
32	Identifying and Characterizing Resting State Networks in Temporally Dynamic Functional Connectomes. Brain Topography, 2014, 27, 747-765.	0.8	11
33	Connectomics signatures of prenatal cocaine exposure affected adolescent brains. Human Brain Mapping, 2013, 34, 2494-2510.	1.9	39
34	Fine-Granularity Functional Interaction Signatures for Characterization of Brain Conditions. Neuroinformatics, 2013, 11, 301-317.	1.5	11
35	On initial Brain Activity Mapping of episodic and semantic memory code in the hippocampus. Neurobiology of Learning and Memory, 2013, 105, 200-210.	1.0	22
36	Diffusion tensor imaging reveals evolution of primate brain architectures. Brain Structure and Function, 2013, 218, 1429-1450.	1.2	25

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37	Characterization of task-free and task-performance brain states via functional connectome patterns. Medical Image Analysis, 2013, 17, 1106-1122.	7.0	30
38	Representing and Retrieving Video Shots in Human-Centric Brain Imaging Space. IEEE Transactions on Image Processing, 2013, 22, 2723-2736.	6.0	229
39	Group-wise change point detection in task FMRI data by Bayesian methods. , 2013, , .		1
40	Meta-Analysis of Functional Roles of DICCCOLs. Neuroinformatics, 2013, 11, 47-63.	1.5	28
41	Predicting cortical ROIs via joint modeling of anatomical and connectional profiles. Medical Image Analysis, 2013, 17, 601-615.	7.0	2
42	DICCCOL: Dense Individualized and Common Connectivity-Based Cortical Landmarks. Cerebral Cortex, 2013, 23, 786-800.	1.6	153
43	Inferring Group-Wise Consistent Multimodal Brain Networks via Multi-View Spectral Clustering. IEEE Transactions on Medical Imaging, 2013, 32, 1576-1586.	5.4	47
44	Inferring functional network-based signatures via structurally-weighted LASSO model. , 2013, 2013, 970-973.		2
45	Sparse Representation of Group-Wise FMRI Signals. Lecture Notes in Computer Science, 2013, 16, 608-616.	1.0	9
46	Sparse Representation of Higher-Order Functional Interaction Patterns in Task-Based FMRI Data. Lecture Notes in Computer Science, 2013, 16, 626-634.	1.0	13
47	Anatomy-Guided Discovery of Large-Scale Consistent Connectivity-Based Cortical Landmarks. Lecture Notes in Computer Science, 2013, 16, 617-625.	1.0	0
48	Group-Wise FMRI Activation Detection on Corresponding Cortical Landmarks. Lecture Notes in Computer Science, 2013, 16, 665-673.	1.0	0
49	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
50	Optimization of functional brain ROIs via maximization of consistency of structural connectivity profiles. NeuroImage, 2012, 59, 1382-1393.	2.1	61
51	Visual analytics of brain networks. NeuroImage, 2012, 61, 82-97.	2.1	31
52	Individual Functional ROI Optimization Via Maximization of Group-Wise Consistency of Structural and Functional Profiles. Neuroinformatics, 2012, 10, 225-242.	1.5	31