

# Zhengjia Dai

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

1,758  
citations

19  
h-index

41  
g-index

48  
ext. papers

2,346  
ext. citations

5.6  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
42	Disrupted functional brain connectome in individuals at risk for Alzheimer's disease. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 472-81	7.9	293
41	Discriminative analysis of early Alzheimer's disease using multi-modal imaging and multi-level characterization with multi-classifier (M3). <i>NeuroImage</i> , <b>2012</b> , 59, 2187-95	7.9	203
40	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 3723-42	5.1	184
39	Overlapping and segregated resting-state functional connectivity in patients with major depressive disorder with and without childhood neglect. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 1154-66	5.9	151
38	Understanding structural-functional relationships in the human brain: a large-scale network perspective. <i>Neuroscientist</i> , <b>2015</b> , 21, 290-305	7.6	113
37	Disrupted structural and functional brain connectomes in mild cognitive impairment and Alzheimer's disease. <i>Neuroscience Bulletin</i> , <b>2014</b> , 30, 217-32	4.3	95
36	Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 12932-46	6.6	81
35	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 1949-1963	5.1	75
34	Disrupted resting-state functional connectivity in minimally treated chronic schizophrenia. <i>Schizophrenia Research</i> , <b>2014</b> , 156, 150-6	3.6	66
33	Subjective Cognitive Decline: Mapping Functional and Structural Brain Changes-A Combined Resting-State Functional and Structural MR Imaging Study. <i>Radiology</i> , <b>2016</b> , 281, 185-92	20.5	56
32	Disrupted structural and functional brain networks in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2019</b> , 75, 71-82	5.6	56
31	Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 745-62	4	47
30	Spontaneous functional network dynamics and associated structural substrates in the human brain. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 478	3.3	44
29	Mapping intrinsic functional brain changes and repetitive transcranial magnetic stimulation neuromodulation in idiopathic restless legs syndrome: a resting-state functional magnetic resonance imaging study. <i>Sleep Medicine</i> , <b>2015</b> , 16, 785-91	4.6	38
28	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 5496-5508	5.1	30
27	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. <i>Scientific Data</i> , <b>2015</b> , 2, 150056	8.2	30
26	Topological analyses of functional connectomics: A crucial role of global signal removal, brain parcellation, and null models. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4545-4564	5.9	22

25	Convergence and Divergence of Brain Network Dysfunction in Deficit and Non-deficit Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, 1315-1328	1.3	22
24	Differentially disrupted functional connectivity in posteromedial cortical subregions in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 39, 527-43	4.3	20
23	Test-retest reliability of white matter structural brain networks: a multiband diffusion MRI study. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 59	3.3	17
22	Cortical Thickness and Microstructural White Matter Changes Detect Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 56, 415-428	4.3	16
21	Abnormal dynamic functional connectivity in Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , <b>2020</b> , 26, 962-971	6.8	15
20	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnesic Mild Cognitive Impairment. <i>Scientific Reports</i> , <b>2017</b> , 7, 397	4.9	13
19	Regional homogeneity of intrinsic brain activity correlates with auditory-motor processing of vocal pitch errors. <i>NeuroImage</i> , <b>2016</b> , 142, 565-575	7.9	12
18	Functional connectivity pattern underlies individual differences in independent self-construal. <i>Social Cognitive and Affective Neuroscience</i> , <b>2018</b> , 13, 269-280	4	11
17	Whole brain functional connectivity in clinically isolated syndrome without conventional brain MRI lesions. <i>European Radiology</i> , <b>2016</b> , 26, 2982-91	8	11
16	Intrinsic overlapping modular organization of human brain functional networks revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , <b>2018</b> , 181, 430-445	7.9	9
15	Decreased Intrinsic Functional Connectivity in First-Episode, Drug-Naïve Adolescents With Generalized Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 539	3.3	8
14	Brain activity mediates the relation between emotional but not instrumental support and trait loneliness. <i>Social Cognitive and Affective Neuroscience</i> , <b>2018</b> , 13, 995-1002	4	7
13	Predicting visual working memory with multimodal magnetic resonance imaging. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 1446-1462	5.9	5
12	Disruption of functional and structural networks in first-episode, drug-naïve adolescents with generalized anxiety disorder. <i>Journal of Affective Disorders</i> , <b>2021</b> , 284, 229-237	6.6	2
11	Cost-efficiency trade-offs of the human brain network revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , <b>2021</b> , 236, 118040	7.9	2
10	White matter structural network disturbances in first-episode, drug-naïve adolescents with generalized anxiety disorder. <i>Journal of Psychiatric Research</i> , <b>2020</b> , 130, 394-404	5.2	1
9	Integrated and segregated frequency architecture of the human brain network. <i>Brain Structure and Function</i> , <b>2021</b> , 226, 335-350	4	1
8	Functional connectivity dynamics as a function of the fluctuation of tension during film watching.. <i>Brain Imaging and Behavior</i> , <b>2022</b> , 1	4.1	0

- 7 Aberrant large-scale brain modules in deficit and non-deficit schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2022**, 113, 110461 5.5 ○
- 6 Predicting Human Intrinsic Functional Connectivity From Structural Connectivity: An Artificial Neural Network Approach. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 2625-2638 4.9 ○
- 5 The overlapping modular organization of human brain functional networks across the adult lifespan.. *NeuroImage*, **2022**, 253, 119125 7.9 ○
- 4 Gene expression associated with individual variability in intrinsic functional connectivity. *NeuroImage*, **2021**, 245, 118743 7.9 ○
- 3 O5-06-05: Mapping functional and structural brain imaging in subjective cognitive decline **2015**, 11, P329-P330
- 2 P3-342: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTI-STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES **2018**, 14, P1214-P1215
- 1 IC-P-032: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTI-STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES **2018**, 14, P36-P37