

# Zhengjia Dai

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,659  
citations

331670

21  
h-index

289244

40  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disrupted Functional Brain Connectome in Individuals at Risk for Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 73, 472-481.	1.3	378
2	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2015, 25, 3723-3742.	2.9	270
3	Discriminative analysis of early Alzheimer's disease using multi-modal imaging and multi-level characterization with multi-classifier (M3). <i>NeuroImage</i> , 2012, 59, 2187-2195.	4.2	262
4	Overlapping and segregated resting-state functional connectivity in patients with major depressive disorder with and without childhood neglect. <i>Human Brain Mapping</i> , 2014, 35, 1154-1166.	3.6	206
5	Understanding Structural-Functional Relationships in the Human Brain. <i>Neuroscientist</i> , 2015, 21, 290-305.	3.5	173
6	Disrupted structural and functional brain connectomes in mild cognitive impairment and Alzheimer's disease. <i>Neuroscience Bulletin</i> , 2014, 30, 217-232.	2.9	135
7	Disrupted structural and functional brain networks in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 75, 71-82.	3.1	133
8	Intrinsic Functional Connectivity Patterns Predict Consciousness Level and Recovery Outcome in Acquired Brain Injury. <i>Journal of Neuroscience</i> , 2015, 35, 12932-12946.	3.6	128
9	Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain. <i>Cerebral Cortex</i> , 2017, 27, bhw038.	2.9	117
10	Subjective Cognitive Decline: Mapping Functional and Structural Brain Changes—A Combined Resting-State Functional and Structural MR Imaging Study. <i>Radiology</i> , 2016, 281, 185-192.	7.3	85
11	Disrupted resting-state functional connectivity in minimally treated chronic schizophrenia. <i>Schizophrenia Research</i> , 2014, 156, 150-156.	2.0	81
12	Intrinsic Brain Hub Connectivity Underlies Individual Differences in Spatial Working Memory. <i>Cerebral Cortex</i> , 2017, 27, 5496-5508.	2.9	66
13	Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. <i>Brain Structure and Function</i> , 2015, 220, 745-762.	2.3	63
14	Abnormal dynamic functional connectivity in Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 962-971.	3.9	63
15	Spontaneous functional network dynamics and associated structural substrates in the human brain. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 478.	2.0	58
16	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. <i>Scientific Data</i> , 2015, 2, 150056.	5.3	51
17	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> , 2015, 16, 785-791.	1.6	51
18	Convergence and Divergence of Brain Network Dysfunction in Deficit and Non-deficit Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, 1315-1328.	4.3	36

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19	Topological analyses of functional connectomics: A crucial role of global signal removal, brain parcellation, and null models. <i>Human Brain Mapping</i> , 2018, 39, 4545-4564.	3.6	35
20	Differentially Disrupted Functional Connectivity in Posteromedial Cortical Subregions in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 527-543.	2.6	26
21	APOE Genotype Effects on Intrinsic Brain Network Connectivity in Patients with Amnesic Mild Cognitive Impairment. <i>Scientific Reports</i> , 2017, 7, 397.	3.3	23
22	Test-retest reliability of white matter structural brain networks: a multiband diffusion MRI study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 59.	2.0	22
23	Cortical Thickness and Microstructural White Matter Changes Detect Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 415-428.	2.6	21
24	Functional connectivity pattern underlies individual differences in independent self-construal. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 269-280.	3.0	19
25	Whole brain functional connectivity in clinically isolated syndrome without conventional brain MRI lesions. <i>European Radiology</i> , 2016, 26, 2982-2991.	4.5	17
26	Regional homogeneity of intrinsic brain activity correlates with auditory-motor processing of vocal pitch errors. <i>NeuroImage</i> , 2016, 142, 565-575.	4.2	16
27	Intrinsic overlapping modular organization of human brain functional networks revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , 2018, 181, 430-445.	4.2	16
28	Predicting visual working memory with multimodal magnetic resonance imaging. <i>Human Brain Mapping</i> , 2021, 42, 1446-1462.	3.6	14
29	Decreased Intrinsic Functional Connectivity in First-Episode, Drug-Naive Adolescents With Generalized Anxiety Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 539.	2.0	13
30	Brain activity mediates the relation between emotional but not instrumental support and trait loneliness. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 995-1002.	3.0	11
31	White matter structural network disturbances in first-episode, drug-naïve adolescents with generalized anxiety disorder. <i>Journal of Psychiatric Research</i> , 2020, 130, 394-404.	3.1	9
32	Disruption of functional and structural networks in first-episode, drug-naïve adolescents with generalized anxiety disorder. <i>Journal of Affective Disorders</i> , 2021, 284, 229-237.	4.1	9
33	Methodological evaluation of individual cognitive prediction based on the brain white matter structural connectome. <i>Human Brain Mapping</i> , 2022, 43, 3775-3791.	3.6	9
34	Gene expression associated with individual variability in intrinsic functional connectivity. <i>NeuroImage</i> , 2021, 245, 118743.	4.2	8
35	Cost-efficiency trade-offs of the human brain network revealed by a multiobjective evolutionary algorithm. <i>NeuroImage</i> , 2021, 236, 118040.	4.2	7
36	Aberrant large-scale brain modules in deficit and non-deficit schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 113, 110461.	4.8	7

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37	The overlapping modular organization of human brain functional networks across the adult lifespan. <i>NeuroImage</i> , 2022, 253, 119125.	4.2	7
38	Integrated and segregated frequency architecture of the human brain network. <i>Brain Structure and Function</i> , 2021, 226, 335-350.	2.3	5
39	Functional connectivity dynamics as a function of the fluctuation of tension during film watching. <i>Brain Imaging and Behavior</i> , 2022, 16, 1260-1274.	2.1	5
40	Predicting Human Intrinsic Functional Connectivity From Structural Connectivity: An Artificial Neural Network Approach. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 2625-2638.	6.4	2
41	O5-06-05: Mapping functional and structural brain imaging in subjective cognitive decline. , 2015, 11, P329-P330.		0
42	P3â€³42: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€³STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P1214.	0.8	0
43	ICâ€³Pâ€³032: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€³STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P36.	0.8	0
44	Novel Use of Self-organizing Map for Q-matrix Calibration in Cognitive Diagnosis Assessment. , 2020, , .		0