

# Xin Di

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

3,496  
citations

236925

25  
h-index

161849

54  
g-index

79  
all docs

79  
docs citations

79  
times ranked

6161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	27.8	634
2	Brain Anatomical Abnormalities in High-Risk Individuals, First-Episode, and Chronic Schizophrenia: An Activation Likelihood Estimation Meta-analysis of Illness Progression. <i>Schizophrenia Bulletin</i> , 2011, 37, 177-188.	4.3	289
3	Characterizing dynamic amplitude of low-frequency fluctuation and its relationship with dynamic functional connectivity: An application to schizophrenia. <i>NeuroImage</i> , 2018, 180, 619-631.	4.2	178
4	Task vs. restâ€”different network configurations between the coactivation and the resting-state brain networks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 493.	2.0	174
5	Distinct and common aspects of physical and psychological self-representation in the brain: A meta-analysis of self-bias in facial and self-referential judgements. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 61, 197-207.	6.1	132
6	Metabolic Brain Covariant Networks as Revealed by FDG-PET with Reference to Resting-State fMRI Networks. <i>Brain Connectivity</i> , 2012, 2, 275-283.	1.7	129
7	Dynamic brain functional connectivity modulated by resting-state networks. <i>Brain Structure and Function</i> , 2015, 220, 37-46.	2.3	124
8	Identifying the default mode network structure using dynamic causal modeling on resting-state functional magnetic resonance imaging. <i>NeuroImage</i> , 2014, 86, 53-59.	4.2	114
9	Transient increased thalamic-sensory connectivity and decreased whole-brain dynamism in autism. <i>NeuroImage</i> , 2019, 190, 191-204.	4.2	100
10	Functional topography of the thalamocortical system in human. <i>Brain Structure and Function</i> , 2016, 221, 1971-1984.	2.3	99
11	The Influence of the Amplitude of Low-Frequency Fluctuations on Resting-State Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 118.	2.0	96
12	Altered Resting Brain Function and Structure in Professional Badminton Players. <i>Brain Connectivity</i> , 2012, 2, 225-233.	1.7	93
13	Regional homogeneity of resting-state fMRI contributes to both neurovascular and task activation variations. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1492-1500.	1.8	88
14	Calibrating BOLD fMRI Activations with Neurovascular and Anatomical Constraints. <i>Cerebral Cortex</i> , 2013, 23, 255-263.	2.9	88
15	Modulatory interactions between the default mode network and task positive networks in resting-state. <i>PeerJ</i> , 2014, 2, e367.	2.0	82
16	White matter reduction in patients with schizophrenia as revealed by voxel-based morphometry: An activation likelihood estimation meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1390-1394.	4.8	67
17	Toward Task Connectomics: Examining Whole-Brain Task Modulated Connectivity in Different Task Domains. <i>Cerebral Cortex</i> , 2019, 29, 1572-1583.	2.9	67
18	Correspondence of executive function related functional and anatomical alterations in aging brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 41-50.	4.8	55

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19	Disrupted focal white matter integrity in autism spectrum disorder: A voxel-based meta-analysis of diffusion tensor imaging studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 82, 242-248.	4.8	47
20	A regulation role of the prefrontal cortex in the fist-edge-palm task: Evidence from functional connectivity analysis. <i>NeuroImage</i> , 2008, 41, 1345-1351.	4.2	45
21	Common and separable neural alterations in substance use disorders: A coordinate-based meta-analysis of functional neuroimaging studies in humans. <i>Human Brain Mapping</i> , 2020, 41, 4459-4477.	3.6	45
22	Task modulated brain connectivity of the amygdala: a meta-analysis of psychophysiological interactions. <i>Brain Structure and Function</i> , 2017, 222, 619-634.	2.3	43
23	Functional Covariance Networks: Obtaining Resting-State Networks from Intersubject Variability. <i>Brain Connectivity</i> , 2012, 2, 203-217.	1.7	40
24	Characterizations of resting-state modulatory interactions in the human brain. <i>Journal of Neurophysiology</i> , 2015, 114, 2785-2796.	1.8	40
25	Ketamine-induced changes in plasma brain-derived neurotrophic factor (BDNF) levels are associated with the resting-state functional connectivity of the prefrontal cortex. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 696-710.	2.6	34
26	Do all roads lead to Rome? A comparison of brain networks derived from inter-subject volumetric and metabolic covariance and moment-to-moment hemodynamic correlations in old individuals. <i>Brain Structure and Function</i> , 2017, 222, 3833-3845.	2.3	33
27	Intersubject consistent dynamic connectivity during natural vision revealed by functional MRI. <i>NeuroImage</i> , 2020, 216, 116698.	4.2	30
28	Imbalanced spontaneous brain activity in orbitofrontal-insular circuits in individuals with cognitive vulnerability to depression. <i>Journal of Affective Disorders</i> , 2016, 198, 56-63.	4.1	27
29	Psychophysiological Interactions in a Visual Checkerboard Task: Reproducibility, Reliability, and the Effects of Deconvolution. <i>Frontiers in Neuroscience</i> , 2017, 11, 573.	2.8	27
30	Imperfect (de)convolution may introduce spurious psychophysiological interactions and how to avoid it. <i>Human Brain Mapping</i> , 2017, 38, 1723-1740.	3.6	26
31	Functional resting-state brain connectivity is accompanied by dynamic correlations of application-dependent [18F]FDG PET-tracer fluctuations. <i>NeuroImage</i> , 2019, 196, 161-172.	4.2	25
32	Reproducible coactivation patterns of functional brain networks reveal the aberrant dynamic state transition in schizophrenia. <i>NeuroImage</i> , 2021, 237, 118193.	4.2	25
33	Modulatory Interactions of Resting-State Brain Functional Connectivity. <i>PLoS ONE</i> , 2013, 8, e71163.	2.5	24
34	Lateralized Resting-State Functional Connectivity in the Task-Positive and Task-Negative Networks. <i>Brain Connectivity</i> , 2014, 4, 641-648.	1.7	23
35	Task-related functional connectivity dynamics in a block-designed visual experiment. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 543.	2.0	23
36	Anterior cingulate cortex differently modulates frontoparietal functional connectivity between resting-state and working memory tasks. <i>Human Brain Mapping</i> , 2020, 41, 1797-1805.	3.6	22

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37	Understanding psychophysiological interaction and its relations to beta series correlation. <i>Brain Imaging and Behavior</i> , 2021, 15, 958-973.	2.1	22
38	Dexterous movement complexity and cerebellar activation: A meta-analysis. <i>Brain Research Reviews</i> , 2009, 59, 316-323.	9.0	21
39	The Role of Medial Frontal Cortex in Action Anticipation in Professional Badminton Players. <i>Frontiers in Psychology</i> , 2016, 7, 1817.	2.1	21
40	Associations between Functional Connectivity Dynamics and BOLD Dynamics Are Heterogeneous Across Brain Networks. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 593.	2.0	21
41	Adaptive Covariance Estimation of Non-Stationary Processes and its Application to Infer Dynamic Connectivity From fMRI. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2014, 8, 228-239.	4.0	17
42	Similarly Expanded Bilateral Temporal Lobe Volumes in Female and Male Children With Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 178-185.	1.5	17
43	Effective Connectivity within the Mesocorticolimbic System during Resting-State in Cocaine Users. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 563.	2.0	13
44	Happy facial expression processing with different social interaction cues: An fMRI study of individuals with schizotypal personality traits. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 108-117.	4.8	12
45	Higher limbic and basal ganglia volumes in surviving COVID-negative patients and the relations to fatigue. <i>NeuroImage Reports</i> , 2022, 2, 100095.	1.0	12
46	Principal component analysis reveals multiple consistent responses to naturalistic stimuli in children and adults. <i>Human Brain Mapping</i> , 2022, 43, 3332-3345.	3.6	11
47	Interregional causal influences of brain metabolic activity reveal the spread of aging effects during normal aging. <i>Human Brain Mapping</i> , 2019, 40, 4657-4668.	3.6	10
48	Investigating inhibition deficit in schizophrenia using task-modulated brain networks. <i>Brain Structure and Function</i> , 2020, 225, 1601-1613.	2.3	8
49	Frequency-specific coactivation patterns in resting-state and their alterations in schizophrenia: An fMRI study. <i>Human Brain Mapping</i> , 2022, 43, 3792-3808.	3.6	8
50	Estimations of the weather effects on brain functions using functional MRI : A cautionary note. <i>Human Brain Mapping</i> , 2022, , .	3.6	8
51	Phase or Amplitude? The Relationship between Ongoing and Evoked Neural Activity. <i>Journal of Neuroscience</i> , 2011, 31, 10425-10426.	3.6	7
52	Characterization of whole-brain task-modulated functional connectivity in response to nociceptive pain: A multisensory comparison study. <i>Human Brain Mapping</i> , 2022, 43, 1061-1075.	3.6	7
53	The differential association between local neurotransmitter levels and whole-brain resting-state functional connectivity in two distinct cingulate cortex subregions. <i>Human Brain Mapping</i> , 2022, 43, 2833-2844.	3.6	7
54	A Functional Polymorphism of the MAOA Gene Modulates Spontaneous Brain Activity in Pons. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	6

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55	Time-varying correlation coefficients estimation and its application to dynamic connectivity analysis of fMRI. , 2013, 2013, 2944-7.		4
56	Effects of Badminton Expertise on Representational Momentum: A Combination of Cross-Sectional and Longitudinal Studies. <i>Frontiers in Psychology</i> , 2017, 8, 1526.	2.1	4
57	Meta-analysis of Neuroimaging Studies. <i>Advances in Psychological Science</i> , 2015, 23, 1118.	0.3	4
58	Dynamic and stationary brain connectivity during movie watching as revealed by functional MRI. <i>Brain Structure and Function</i> , 2022, 227, 2299-2312.	2.3	3
59	Adaptive window selection in estimating dynamic functional connectivity of resting-state fMRI. , 2013, , .		2
60	Regional Topological Aberrances of White Matter- and Gray Matter-Based Functional Networks for Attention Processing May Foster Traumatic Brain Injury-Related Attention Deficits in Adults. <i>Brain Sciences</i> , 2022, 12, 16.	2.3	2