

Zaixu Cui

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,598
citations

430874

18
h-index

276875

41
g-index

53
all docs

53
docs citations

53
times ranked

3439
citing authors

#	ARTICLE	IF	CITATIONS
1	PANDA: a pipeline toolbox for analyzing brain diffusion images. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 42.	2.0	583
2	Linked dimensions of psychopathology and connectivity in functional brain networks. <i>Nature Communications</i> , 2018, 9, 3003.	12.8	323
3	Development of structure–function coupling in human brain networks during youth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 771-778.	7.1	296
4	The effect of machine learning regression algorithms and sample size on individualized behavioral prediction with functional connectivity features. <i>NeuroImage</i> , 2018, 178, 622-637.	4.2	241
5	Individual Variation in Functional Topography of Association Networks in Youth. <i>Neuron</i> , 2020, 106, 340-353.e8.	8.1	162
6	Disrupted white matter connectivity underlying developmental dyslexia: A machine learning approach. <i>Human Brain Mapping</i> , 2016, 37, 1443-1458.	3.6	143
7	Network analysis reveals disrupted functional brain circuitry in drug-naive social anxiety disorder. <i>NeuroImage</i> , 2019, 190, 213-223.	4.2	78
8	Individualized Prediction of Reading Comprehension Ability Using Gray Matter Volume. <i>Cerebral Cortex</i> , 2018, 28, 1656-1672.	2.9	77
9	Evidence for Dissociable Linkage of Dimensions of Psychopathology to Brain Structure in Youths. <i>American Journal of Psychiatry</i> , 2019, 176, 1000-1009.	7.2	77
10	Brain hemispheric involvement in visuospatial and verbal divergent thinking. <i>NeuroImage</i> , 2019, 202, 116065.	4.2	67
11	Optimization of energy state transition trajectory supports the development of executive function during youth. <i>ELife</i> , 2020, 9, .	6.0	47
12	Neurostructural Heterogeneity in Youths With Internalizing Symptoms. <i>Biological Psychiatry</i> , 2020, 87, 473-482.	1.3	34
13	Prediction of trust propensity from intrinsic brain morphology and functional connectome. <i>Human Brain Mapping</i> , 2021, 42, 175-191.	3.6	31
14	A significant risk factor for poststroke depression: the depression-related subnetwork. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 259-268.	2.4	29
15	Association of gray matter volumes with general and specific dimensions of psychopathology in children. <i>Neuropsychopharmacology</i> , 2021, 46, 1333-1339.	5.4	28
16	Dissociable multi-scale patterns of development in personalized brain networks. <i>Nature Communications</i> , 2022, 13, 2647.	12.8	27
17	Identification of Amnesic Mild Cognitive Impairment Using Multi-Modal Brain Features: A Combined Structural MRI and Diffusion Tensor Imaging Study. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 509-522.	2.6	26
18	Representing object categories by connections: Evidence from a multivariate connectivity pattern classification approach. <i>Human Brain Mapping</i> , 2016, 37, 3685-3697.	3.6	25

#	ARTICLE	IF	CITATIONS
19	Multi-scale network regression for brain-phenotype associations. <i>Human Brain Mapping</i> , 2020, 41, 2553-2566.	3.6	24
20	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. <i>Cell Reports</i> , 2022, 38, 110576.	6.4	23
21	A developmental reduction of the excitation:inhibition ratio in association cortex during adolescence. <i>Science Advances</i> , 2022, 8, eabj8750.	10.3	22
22	Resting-state Functional Connectivity and Deception: Exploring Individualized Deceptive Propensity by Machine Learning. <i>Neuroscience</i> , 2018, 395, 101-112.	2.3	20
23	White Matter Deficits Underlying the Impaired Consciousness Level in Patients with Disorders of Consciousness. <i>Neuroscience Bulletin</i> , 2018, 34, 668-678.	2.9	19
24	Diverse functional connectivity patterns of resting-state brain networks associated with good and poor hand outcomes following stroke. <i>NeuroImage: Clinical</i> , 2019, 24, 102065.	2.7	19
25	Efficient coding in the economics of human brain connectomics. <i>Network Neuroscience</i> , 2022, 6, 234-274.	2.6	18
26	Individualized prediction of dispositional worry using white matter connectivity. <i>Psychological Medicine</i> , 2019, 49, 1999-2008.	4.5	17
27	Support vector machine-based multivariate pattern classification of methamphetamine dependence using arterial spin labeling. <i>Addiction Biology</i> , 2019, 24, 1254-1262.	2.6	16
28	Linking Individual Differences in Personalized Functional Network Topography to Psychopathology in Youth. <i>Biological Psychiatry</i> , 2022, 92, 973-983.	1.3	14
29	Abnormal topological organization of the white matter network in Mandarin speakers with congenital amusia. <i>Scientific Reports</i> , 2016, 6, 26505.	3.3	12
30	Amygdala-prefrontal connectivity modulates loss aversion bias in anxious individuals. <i>NeuroImage</i> , 2020, 218, 116957.	4.2	12
31	The lateralized arcuate fasciculus in developmental pitch disorders among mandarin amusics: left for speech and right for music. <i>Brain Structure and Function</i> , 2018, 223, 2013-2024.	2.3	11
32	Neurocognitive and functional heterogeneity in depressed youth. <i>Neuropsychopharmacology</i> , 2021, 46, 783-790.	5.4	10
33	Cognitive impairment and gray/white matter volume abnormalities in pediatric patients with Turner syndrome presenting with various karyotypes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2013, 26, 1111-21.	0.9	9
34	Parallel workflow tools to facilitate human brain MRI post-processing. <i>Frontiers in Neuroscience</i> , 2015, 9, 171.	2.8	8
35	Neural responses to intention and benefit appraisal are critical in distinguishing gratitude and joy. <i>Scientific Reports</i> , 2020, 10, 7864.	3.3	8
36	Mobile footprinting: linking individual distinctiveness in mobility patterns to mood, sleep, and brain functional connectivity. <i>Neuropsychopharmacology</i> , 2022, 47, 1662-1671.	5.4	6

#	ARTICLE	IF	CITATIONS
37	Dynamic integration and segregation of amygdala subregional functional circuits linking to physiological arousal. <i>NeuroImage</i> , 2021, 238, 118224.	4.2	5
38	Characterizing the hyper- and hypometabolism in temporal lobe epilepsy using multivariate machine learning. <i>Journal of Neuroscience Research</i> , 2021, 99, 3035-3046.	2.9	5
39	Precision biomarkers for mood disorders based on brain imaging. <i>BMJ</i> , The, 2020, 371, m3618.	6.0	4
40	Editorial: Dynamic Functional Connectivity in Neuropsychiatric Disorders: Methods and Applications. <i>Frontiers in Neuroscience</i> , 2020, 14, 332.	2.8	4
41	Convergent developmental principles between <i>Caenorhabditis elegans</i> and human connectomes. <i>Trends in Cognitive Sciences</i> , 2021, 25, 1015-1017.	7.8	2