

Chun-Ming Xie

List of Publications by Year in descending order

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80
papers

2,746
citations

257357

24
h-index

214721

47
g-index

99
all docs

99
docs citations

99
times ranked

3520
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9078-9083.	3.3	441
2	Classification of Alzheimer Disease, Mild Cognitive Impairment, and Normal Cognitive Status with Large-Scale Network Analysis Based on Resting-State Functional MR Imaging. <i>Radiology</i> , 2011, 259, 213-221.	3.6	245
3	Abnormal insula functional network is associated with episodic memory decline in amnesic mild cognitive impairment. <i>NeuroImage</i> , 2012, 63, 320-327.	2.1	150
4	CircDYM ameliorates depressive-like behavior by targeting miR-9 to regulate microglial activation via HSP90 ubiquitination. <i>Molecular Psychiatry</i> , 2020, 25, 1175-1190.	4.1	108
5	N6-Methyladenosine Modification of Fatty Acid Amide Hydrolase Messenger RNA in Circular RNA STAG1 Regulated Astrocyte Dysfunction and Depressive-like Behaviors. <i>Biological Psychiatry</i> , 2020, 88, 392-404.	0.7	107
6	Identification of hyperactive intrinsic amygdala network connectivity associated with impulsivity in abstinent heroin addicts. <i>Behavioural Brain Research</i> , 2011, 216, 639-646.	1.2	92
7	A method to determine the necessity for global signal regression in resting-state fMRI studies. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1828-1835.	1.9	89
8	Disrupted intrinsic functional brain topology in patients with major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 7363-7371.	4.1	82
9	Recovery of hippocampal network connectivity correlates with cognitive improvement in mild alzheimer's disease patients treated with donepezil assessed by resting-state fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 764-773.	1.9	79
10	Altered resting-state dynamic functional brain networks in major depressive disorder: Findings from the REST-meta-MDD consortium. <i>NeuroImage: Clinical</i> , 2020, 26, 102163.	1.4	76
11	Disrupted reward circuits is associated with cognitive deficits and depression severity in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 9-17.	1.5	64
12	Biotypes of major depressive disorder: Neuroimaging evidence from resting-state default mode network patterns. <i>NeuroImage: Clinical</i> , 2020, 28, 102514.	1.4	51
13	The co-existence of geriatric depression and amnesic mild cognitive impairment detrimentally affect gray matter volumes: Voxel-based morphometry study. <i>Behavioural Brain Research</i> , 2012, 235, 244-250.	1.2	49
14	Imbalanced hippocampal functional networks associated with remitted geriatric depression and apolipoprotein E ϵ 4 allele in nondemented elderly: A preliminary study. <i>Journal of Affective Disorders</i> , 2014, 164, 5-13.	2.0	48
15	Neural basis of the association between depressive symptoms and memory deficits in nondemented subjects: resting-state fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 1352-1363.	1.9	43
16	Neural correlates of the interactive relationship between memory deficits and depressive symptoms in nondemented elderly: Resting fMRI study. <i>Behavioural Brain Research</i> , 2011, 219, 205-212.	1.2	41
17	Amygdala connectivity mediates the association between anxiety and depression in patients with major depressive disorder. <i>Brain Imaging and Behavior</i> , 2019, 13, 1146-1159.	1.1	41
18	Aberrant functional connectivity in Papez circuit correlates with memory performance in cognitively intact middle-aged APOE4 carriers. <i>Cortex</i> , 2014, 57, 167-176.	1.1	37

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19	Decreased cerebral blood flow in the primary motor cortex in major depressive disorder with psychomotor retardation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 438-444.	2.5	37
20	Disrupted reward and cognitive control networks contribute to anhedonia in depression. <i>Journal of Psychiatric Research</i> , 2018, 103, 61-68.	1.5	37
21	Task-related functional magnetic resonance imaging-based neuronavigation for the treatment of depression by individualized repetitive transcranial magnetic stimulation of the visual cortex. <i>Science China Life Sciences</i> , 2021, 64, 96-106.	2.3	33
22	Brain insulin resistance deteriorates cognition by altering the topological features of brain networks. <i>NeuroImage: Clinical</i> , 2017, 13, 280-287.	1.4	31
23	Divergent Roles of Vascular Burden and Neurodegeneration in the Cognitive Decline of Geriatric Depression Patients and Mild Cognitive Impairment Patients. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 288.	1.7	30
24	Spatio-temporal graph convolutional network for diagnosis and treatment response prediction of major depressive disorder from functional connectivity. <i>Human Brain Mapping</i> , 2021, 42, 3922-3933.	1.9	28
25	Disrupted rich-club network organization and individualized identification of patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110074.	2.5	27
26	Identification of microRNA-9 linking the effects of childhood maltreatment on depression using amygdala connectivity. <i>NeuroImage</i> , 2021, 224, 117428.	2.1	27
27	Region-specific distribution of Olig2-expressing astrocytes in adult mouse brain and spinal cord. <i>Molecular Brain</i> , 2021, 14, 36.	1.3	27
28	Late-life depression, mild cognitive impairment and hippocampal functional network architecture. <i>NeuroImage: Clinical</i> , 2013, 3, 311-320.	1.4	25
29	Disrupted topology of hippocampal connectivity is associated with short-term antidepressant response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2018, 225, 539-544.	2.0	25
30	Amygdala network dysfunction in late-life depression phenotypes: Relationships with symptom dimensions. <i>Journal of Psychiatric Research</i> , 2015, 70, 121-129.	1.5	24
31	Disrupted hemispheric connectivity specialization in patients with major depressive disorder: Evidence from the REST-meta-MDD Project. <i>Journal of Affective Disorders</i> , 2021, 284, 217-228.	2.0	23
32	Altered intrinsic hippocampal declarative memory network and its association with impulsivity in abstinent heroin dependent subjects. <i>Behavioural Brain Research</i> , 2014, 272, 209-217.	1.2	22
33	Functional Disorganization of Small-World Brain Networks in Patients With Ischemic Leukoaraiosis. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 203.	1.7	22
34	Current antipsychotic agent use and risk of venous thromboembolism and pulmonary embolism: a systematic review and meta-analysis of observational studies. <i>Therapeutic Advances in Psychopharmacology</i> , 2021, 11, 204512532098272.	1.2	21
35	The apolipoprotein E gene affects the three-year trajectories of compensatory neural processes in the left-lateralized hippocampal network. <i>Brain Imaging and Behavior</i> , 2017, 11, 1446-1458.	1.1	20
36	Reduced nucleus accumbens functional connectivity in reward network and default mode network in patients with recurrent major depressive disorder. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	20

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37	Distinctive pretreatment features of bilateral nucleus accumbens networks predict early response to antidepressants in major depressive disorder. <i>Brain Imaging and Behavior</i> , 2018, 12, 1042-1052.	1.1	19
38	Alterations of core structural network connectome associated with suicidal ideation in major depressive disorder patients. <i>Translational Psychiatry</i> , 2021, 11, 243.	2.4	19
39	Default Mode Network Connectivity Moderates the Relationship Between the APOE Genotype and Cognition and Individualizes Identification Across the Alzheimer's Disease Spectrum. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 843-860.	1.2	18
40	Altered Regional Cerebral Blood Flow and Brain Function Across the Alzheimer's Disease Spectrum: A Potential Biomarker. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 630382.	1.7	18
41	Brain structural alterations in MDD patients with gastrointestinal symptoms: Evidence from the REST-meta-MDD project. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110386.	2.5	18
42	Altered Brain Entropy as a predictor of antidepressant response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 260, 716-721.	2.0	16
43	Hypoxia-inducible factor-prolyl hydroxylase inhibitor ameliorates myopathy in a mouse model of chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F1265-F1273.	1.3	15
44	Levodopa Changes Functional Connectivity Patterns in Subregions of the Primary Motor Cortex in Patients With Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2020, 14, 647.	1.4	15
45	Global topology alteration of the brain functional network affects the 8-week antidepressant response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 294, 491-496.	2.0	15
46	Shared effects of the clusterin gene on the default mode network among individuals at risk for Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 395-404.	1.9	14
47	Mediating Role of the Reward Network in the Relationship between the Dopamine Multilocus Genetic Profile and Depression. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 292.	1.4	14
48	CACNA1C Gene rs11832738 Polymorphism Influences Depression Severity by Modulating Spontaneous Activity in the Right Middle Frontal Gyrus in Patients With Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 73.	1.3	14
49	An Inverse U-Shaped Curve of Resting-State Networks in Individuals at High Risk of Alzheimer's Disease. <i>Journal of Clinical Psychiatry</i> , 2018, 79, 17m11583.	1.1	14
50	Convergent and divergent effects of apolipoprotein E ϵ 4 and ϵ 2 alleles on amygdala functional networks in nondemented older adults. <i>Neurobiology of Aging</i> , 2017, 54, 31-39.	1.5	13
51	Episodic Memory-Related Imaging Features as Valuable Biomarkers for the Diagnosis of Alzheimer's Disease: A Multicenter Study Based on Machine Learning. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 171-180.	1.1	12
52	Integration of Multilocus Genetic Risk into the Default Mode Network Longitudinal Trajectory during the Alzheimer's Disease Process. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 491-507.	1.2	11
53	Insula network connectivity mediates the association between childhood maltreatment and depressive symptoms in major depressive disorder patients. <i>Translational Psychiatry</i> , 2022, 12, 89.	2.4	11
54	Imbalanced functional link between reward circuits and the cognitive control system in patients with obsessive-compulsive disorder. <i>Brain Imaging and Behavior</i> , 2017, 11, 1099-1109.	1.1	10

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55	Desynchronized Functional Activities Between Brain White and Gray Matter in Major Depression Disorder. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1375-1386.	1.9	10
56	Dynamic Connectivity Alteration Facilitates Cognitive Decline in Alzheimer's Disease Spectrum. <i>Brain Connectivity</i> , 2021, 11, 213-224.	0.8	10
57	Platelet Amyloid- β 2 Protein Precursor (A β 2PP) Ratio and Phosphorylated Tau as Promising Indicators for Early Alzheimer's Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 664-670.	1.7	9
58	Dopamine Multilocus Genetic Profile, Spontaneous Activity of Left Superior Temporal Gyrus, and Early Therapeutic Effect in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 591407.	1.3	9
59	Fatal and Rapid Progressive Isolated Cerebral Mucormycosis Involving the Bilateral Basal Ganglia: A Case Report. <i>Frontiers in Neurology</i> , 2020, 11, 295.	1.1	9
60	Connectome-based model predicts episodic memory performance in individuals with subjective cognitive decline and amnesic mild cognitive impairment. <i>Behavioural Brain Research</i> , 2021, 411, 113387.	1.2	9
61	Sleep disturbance-related neuroimaging features as potential biomarkers for the diagnosis of major depressive disorder: A multicenter study based on machine learning. <i>Journal of Affective Disorders</i> , 2021, 295, 148-155.	2.0	9
62	The effect of Alzheimer's disease risk factors on brain aging in normal Chinese: Cognitive aging and cognitive reserve. <i>Neuroscience Letters</i> , 2022, 771, 136398.	1.0	9
63	Impaired robust interhemispheric function integration of depressive brain from REST-meta-MDD database in China. <i>Bipolar Disorders</i> , 2022, 24, 400-411.	1.1	8
64	State-based functional connectivity changes associate with cognitive decline in amnesic mild cognitive impairment subjects. <i>Behavioural Brain Research</i> , 2015, 288, 94-102.	1.2	7
65	APOE genotype moderates the relationship between LRP1 polymorphism and cognition across the Alzheimer's disease spectrum via disturbing default mode network. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1385-1395.	1.9	7
66	Promoter haplotypes of interleukin-10 gene linked to cortex plasticity in subjects with risk of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 17, 587-595.	1.4	6
67	Decreased cortical thickness of left premotor cortex as a treatment predictor in major depressive disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 1420-1426.	1.1	6
68	Apolipoprotein E Drives Early Blood-Brain Barrier Damage in Alzheimer's Disease. <i>Neuroscience Bulletin</i> , 2021, 37, 281-283.	1.5	6
69	A novel recessive mutation affecting DNAJB6a causes myofibrillar myopathy. <i>Acta Neuropathologica Communications</i> , 2021, 9, 23.	2.4	6
70	Altered resting-state cerebral blood flow and functional connectivity mediate suicidal ideation in major depressive disorder. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1603-1615.	2.4	6
71	Immunity factor contributes to altered brain functional networks in individuals at risk for Alzheimer's disease: Neuroimaging-genetic evidence. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 84-95.	2.0	5
72	Correlation between neurocognitive impairment and DNA methylation of MMP-9 gene in patients with deficit schizophrenia. <i>Schizophrenia Research</i> , 2019, 204, 455-457.	1.1	5

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73	Predicting conversion to Alzheimer's disease among individual high-risk patients using the Characterizing AD Risk Events index model. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 720-729.	1.9	4
74	Effect of NEUROG3 polymorphism rs144643855 on regional spontaneous brain activity in major depressive disorder. <i>Behavioural Brain Research</i> , 2021, 409, 113310.	1.2	4
75	Platelet-Derived Amyloid- β Protein Precursor as a Biomarker of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 589-599.	1.2	4
76	Endocytosis-pathway polygenic scores affects the hippocampal network connectivity and individualized identification across the high-risk of Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2020, 15, 1155-1169.	1.1	3
77	Identification of the Neural Circuit Underlying Episodic Memory Deficit in Amnesic Mild Cognitive Impairment via Machine Learning on Gray Matter Volume. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 959-964.	1.2	3
78	Cortical atrophy mediates the accumulating effects of vascular risk factors on cognitive decline in the Alzheimer's disease spectrum. <i>Aging</i> , 2020, 12, 15058-15076.	1.4	2
79	Polygenic Effects of the Lipid Metabolic Pathway Accelerated Pathological Changes and Disrupted Default Mode Network Trajectory Across the Alzheimer's Disease Spectrum. <i>Journal of Clinical Psychiatry</i> , 2021, 82, .	1.1	1
80	miR-9 could mediate the relationship between childhood maltreatment and depression. <i>Alzheimer's and Dementia</i> , 2020, 16, e043590.	0.4	0