

# Xiaojun Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,285  
citations

394421

19  
h-index

395702

33  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age, gender, and hemispheric differences in iron deposition in the human brain: An in vivo MRI study. <i>NeuroImage</i> , 2008, 40, 35-42.	4.2	173
2	Regionally progressive accumulation of iron in Parkinson's disease as measured by quantitative susceptibility mapping. <i>NMR in Biomedicine</i> , 2017, 30, e3489.	2.8	122
3	Influence of regional iron on the motor impairments of Parkinson's disease: A quantitative susceptibility mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1335-1342.	3.4	68
4	Abnormal amygdala function in Parkinson's disease patients and its relationship to depression. <i>Journal of Affective Disorders</i> , 2015, 183, 263-268.	4.1	66
5	Different iron deposition patterns in early- and middle-late-onset Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 44, 23-27.	2.2	53
6	Disrupted white matter integrity in depressed versus non-depressed Parkinson's disease patients: A tract-based spatial statistics study. <i>Journal of the Neurological Sciences</i> , 2014, 346, 145-148.	0.6	51
7	Region-Specific Iron Measured by MRI as a Biomarker for Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2017, 33, 561-567.	2.9	45
8	Cortical abnormalities in Parkinson's disease patients and relationship to depression: A surface-based morphometry study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 250, 24-28.	1.8	35
9	Iron-related nigral degeneration influences functional topology mediated by striatal dysfunction in Parkinson's disease. <i>Neurobiology of Aging</i> , 2019, 75, 83-97.	3.1	35
10	CHIMGEN: a Chinese imaging genetics cohort to enhance cross-ethnic and cross-geographic brain research. <i>Molecular Psychiatry</i> , 2020, 25, 517-529.	7.9	35
11	Disrupted Functional Connectivity of Basal Ganglia across Tremor-Dominant and Akinetic/Rigid-Dominant Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 360.	3.4	31
12	Gray matter structural covariance networks changes along the Alzheimer's disease continuum. <i>NeuroImage: Clinical</i> , 2019, 23, 101828.	2.7	31
13	Quantitative susceptibility mapping as a biomarker for evaluating white matter alterations in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2019, 13, 220-231.	2.1	30
14	Greater Loss of White Matter Integrity in Postural Instability and Gait Difficulty Subtype of Parkinson's Disease. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 763-768.	0.5	28
15	Intrinsic functional connectivity alterations in cognitively intact elderly APOE $\epsilon$ 4 carriers measured by eigenvector centrality mapping are related to cognition and CSF biomarkers: a preliminary study. <i>Brain Imaging and Behavior</i> , 2017, 11, 1290-1301.	2.1	26
16	Longitudinal Alterations of Local Spontaneous Brain Activity in Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2017, 33, 501-509.	2.9	25
17	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2017, 128, 830-838.	1.5	24
18	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , 2022, 6, 279-293.	12.0	24

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19	Application of T1-/T2-Weighted Ratio Mapping to Elucidate Intracortical Demyelination Process in the Alzheimer's Disease Continuum. <i>Frontiers in Neuroscience</i> , 2019, 13, 904.	2.8	23
20	Microstructural and metabolic changes in the longitudinal progression of white matter hyperintensities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1613-1622.	4.3	22
21	Disrupted Brain Network in Progressive Mild Cognitive Impairment Measured by Eigenvector Centrality Mapping is Linked to Cognition and Cerebrospinal Fluid Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1483-1493.	2.6	21
22	Alteration of Brain Functional Connectivity in Parkinson's Disease Patients with Dysphagia. <i>Dysphagia</i> , 2019, 34, 600-607.	1.8	18
23	Damaged Insula Network Contributes to Depression in Parkinson's Disease. <i>Frontiers in Psychiatry</i> , 2020, 11, 119.	2.6	18
24	Quantitative and semi-quantitative CT assessments of lung lesion burden in COVID-19 pneumonia. <i>Scientific Reports</i> , 2021, 11, 5148.	3.3	18
25	A Clinical Semantic and Radiomics Nomogram for Predicting Brain Invasion in WHO Grade II Meningioma Based on Tumor and Tumor-to-Brain Interface Features. <i>Frontiers in Oncology</i> , 2021, 11, 752158.	2.8	18
26	Iron deposition influences the measurement of water diffusion tensor in the human brain: a combined analysis of diffusion and iron-induced phase changes. <i>Neuroradiology</i> , 2015, 57, 1169-1178.	2.2	17
27	Association between cigarette smoking and Parkinson's disease: a neuroimaging study. <i>Therapeutic Advances in Neurological Disorders</i> , 2022, 15, 175628642210925.	3.5	15
28	Different patterns of gray matter density in early- and middle-late-onset Parkinson's disease: a voxel-based morphometry study. <i>Brain Imaging and Behavior</i> , 2019, 13, 172-179.	2.1	14
29	<scp>HybraPD</scp> atlas: Towards precise subcortical nuclei segmentation using multimodality medical images in patients with Parkinson disease. <i>Human Brain Mapping</i> , 2021, 42, 4399-4421.	3.6	14
30	Structural Covariance Network Disruption and Functional Compensation in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 199.	3.4	13
31	Brain structural correlates of depressive symptoms in Parkinson's disease patients at different disease stage. <i>Psychiatry Research - Neuroimaging</i> , 2020, 296, 111029.	1.8	12
32	Clinically relevant connectivity features define three subtypes of Parkinson's disease patients. <i>Human Brain Mapping</i> , 2020, 41, 4077-4092.	3.6	12
33	Emamectin is a non-selective allosteric activator of nicotinic acetylcholine receptors and GABA A/C receptors. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 795-800.	2.1	11
34	Oscillation-specific nodal alterations in early to middle stages Parkinson's disease. <i>Translational Neurodegeneration</i> , 2019, 8, 36.	8.0	11
35	Progressive microstructural alterations in subcortical nuclei in Parkinson's disease: A diffusion magnetic resonance imaging study. <i>Parkinsonism and Related Disorders</i> , 2021, 88, 82-89.	2.2	10
36	Asymmetrical nigral iron accumulation in Parkinson's disease with motor asymmetry: an explorative, longitudinal and test-retest study. <i>Aging</i> , 2020, 12, 18622-18634.	3.1	10

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37	Abnormal corpus callosum induced by diabetes impairs sensorimotor connectivity in patients after acute stroke. <i>European Radiology</i> , 2019, 29, 115-123.	4.5	9
38	Aberrant Fiber Coherence of Amygdala~Accumbens~Pallidum Pathway Is Associated With Disorganized Nigrostriatal~Nigropallidal Pathway in Parkinson's Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1799-1808.	3.4	9
39	Serum Ceruloplasmin Depletion is Associated With Magnetic Resonance Evidence of Widespread Accumulation of Brain Iron in Parkinson's Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1098-1106.	3.4	9
40	Locus Coeruleus Degeneration Correlated with Levodopa Resistance in Parkinson's Disease: A Retrospective Analysis. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1631-1640.	2.8	8
41	Locus coeruleus degeneration is associated with disorganized functional topology in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2021, 32, 102873.	2.7	8
42	Correlations between CSF proteins and spontaneous neuronal activity in Parkinson's disease. <i>Neuroscience Letters</i> , 2018, 673, 61-66.	2.1	7
43	Dopamine depletion and subcortical dysfunction disrupt cortical synchronization and metastability affecting cognitive function in Parkinson's disease. <i>Human Brain Mapping</i> , 2022, 43, 1598-1610.	3.6	7
44	Assessment of Patient-Specific Human Leukocyte Antigen Genomic Loss at Relapse After Antithymocyte Globulin-Based T-Cell-Replete Haploidentical Hematopoietic Stem Cell Transplant. <i>JAMA Network Open</i> , 2022, 5, e226114.	5.9	7
45	Integration and segregation of functional segmented anterior and posterior hippocampal networks in memory performance. <i>Behavioural Brain Research</i> , 2019, 364, 256-263.	2.2	6
46	Longitudinal Macro/Microstructural Alterations of Different Callosal Subsections in Parkinson's Disease Using Connectivity-Based Parcellation. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 572086.	3.4	6
47	Identifying a whole-brain connectome-based model in drug-naïve Parkinson's disease for predicting motor impairment. <i>Human Brain Mapping</i> , 2022, 43, 1984-1996.	3.6	6
48	The Effect of Early Life Stress on Memory is Mediated by Anterior Hippocampal Network. <i>Neuroscience</i> , 2020, 451, 137-148.	2.3	4
49	Chimeric antigen receptor T cell therapy can be administered safely under the real-time monitoring of Th1/Th2 cytokine pattern using the cytometric bead array technology for relapsed and refractory acute lymphoblastic leukemia in children. <i>Pediatric Hematology and Oncology</i> , 2020, 37, 288-299.	0.8	4
50	Substantia nigra iron affects functional connectivity networks modifying working memory performance in younger adults. <i>European Journal of Neuroscience</i> , 2021, 54, 7959-7973.	2.6	4
51	Normalization effect of levodopa on hierarchical brain function in Parkinson's disease. <i>Network Neuroscience</i> , 2022, 6, 552-569.	2.6	3
52	The effect of polygenic risk on white matter microstructural degeneration in Parkinson's disease: A longitudinal Diffusion Tensor Imaging study. <i>European Journal of Neurology</i> , 2022, 29, 1000-1010.	3.3	3
53	The Usefulness of Imaging Quantification in Discriminating Non-Calcified Pulmonary Hamartoma From Adenocarcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 568069.	2.8	2
54	Disrupted interhemispheric coordination with unaffected lateralization of global eigenvector centrality characterizes hemiparkinsonism. <i>Brain Research</i> , 2020, 1742, 146888.	2.2	2

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55	Cholinergic relevant functional reactivity is associated with dopamine responsiveness of tremor in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 1234-1245.	2.1	2