Xiaojun Xu

List of Publications by Year
in descending order

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55	1,285	394421	395702
papers	citations	19	33
		h-index	g-index

60	60	60	1929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global urbanicity is associated with brain and behaviour in young people. Nature Human Behaviour, 2022, 6, 279-293.	12.0	24
2	Cholinergic relevant functional reactivity is associated with dopamine responsiveness of tremor in Parkinsonâ€™s disease. Brain Imaging and Behavior, 2022, 16, 1234-1245.	2.1	2
3	Normalization effect of levodopa on hierarchical brain function in Parkinsonâ€™s disease. Network Neuroscience, 2022, 6, 552-569.	2.6	3
4	Dopamine depletion and subcortical dysfunction disrupt cortical synchronization and metastability affecting cognitive function in Parkinson's disease. Human Brain Mapping, 2022, 43, 1598-1610.	3.6	7
5	Assessment of Patient-Specific Human Leukocyte Antigen Genomic Loss at Relapse After Antithymocyte Globulinâ€“Based T-Cellâ€“Replete Haploidentical Hematopoietic Stem Cell Transplant. JAMA Network Open, 2022, 5, e226114.	5.9	7
6	Identifying a wholeâ€brain connectomeâ€based model in drugâ€naÃ¯ve Parkinson's disease for predicting motor impairment. Human Brain Mapping, 2022, 43, 1984-1996.	3.6	6
7	The effect of polygenic risk on white matter microstructural degeneration in Parkinson's disease: A longitudinal Diffusion Tensor Imaging study. European Journal of Neurology, 2022, 29, 1000-1010.	3.3	3
8	Association between cigarette smoking and Parkinsonâ€™s disease: a neuroimaging study. Therapeutic Advances in Neurological Disorders, 2022, 15, 175628642210925.	3.5	15
9	Quantitative and semi-quantitative CT assessments of lung lesion burden in COVID-19 pneumonia. Scientific Reports, 2021, 11, 5148.	3.3	18
10	Serum Ceruloplasmin Depletion is Associated With Magnetic Resonance Evidence of Widespread Accumulation of Brain Iron in Parkinson's Disease. Journal of Magnetic Resonance Imaging, 2021, 54, 1098-1106.	3.4	9
11	Progressive microstructural alterations in subcortical nuclei in Parkinson's disease: A diffusion magnetic resonance imaging study. Parkinsonism and Related Disorders, 2021, 88, 82-89.	2.2	10
12	<scp>HybraPD</scp> atlas: Towards precise subcortical nuclei segmentation using multimodality medical images in patients with Parkinson disease. Human Brain Mapping, 2021, 42, 4399-4421.	3.6	14
13	Locus Coeruleus Degeneration Correlated with Levodopa Resistance in Parkinsonâ€™s Disease: A Retrospective Analysis. Journal of Parkinson's Disease, 2021, 11, 1631-1640.	2.8	8
14	A Clinical Semantic and Radiomics Nomogram for Predicting Brain Invasion in WHO Grade II Meningioma Based on Tumor and Tumor-to-Brain Interface Features. Frontiers in Oncology, 2021, 11, 752158.	2.8	18
15	Locus coeruleus degeneration is associated with disorganized functional topology in Parkinsonâ€™s disease. NeuroImage: Clinical, 2021, 32, 102873.	2.7	8
16	Substantia nigra iron affects functional connectivity networks modifying working memory performance in younger adults. European Journal of Neuroscience, 2021, 54, 7959-7973.	2.6	4
17	Brain structural correlates of depressive symptoms in Parkinson's disease patients at different disease stage. Psychiatry Research - Neuroimaging, 2020, 296, 111029.	1.8	12
18	CHIMGEN: a Chinese imaging genetics cohort to enhance cross-ethnic and cross-geographic brain research. Molecular Psychiatry, 2020, 25, 517-529.	7.9	35

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19	The Usefulness of Imaging Quantification in Discriminating Non-Calcified Pulmonary Hamartoma From Adenocarcinoma. Frontiers in Oncology, 2020, 10, 568069.	2.8	2
20	Aberrant Fiber Coherence of Amygdalaâ€'Accumbensâ€'Pallidum Pathway Is Associated With Disorganized Nigrostriatalâ€'Nigropallidal Pathway in Parkinson's Disease. Journal of Magnetic Resonance Imaging, 2020, 52, 1799-1808.	3.4	9
21	Longitudinal Macro/Microstructural Alterations of Different Callosal Subsections in Parkinsonâ€™s Disease Using Connectivity-Based Parcellation. Frontiers in Aging Neuroscience, 2020, 12, 572086.	3.4	6
22	Structural Covariance Network Disruption and Functional Compensation in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 199.	3.4	13
23	The Effect of Early Life Stress on Memory is Mediated by Anterior Hippocampal Network. Neuroscience, 2020, 451, 137-148.	2.3	4
24	Damaged Insula Network Contributes to Depression in Parkinsonâ€™s Disease. Frontiers in Psychiatry, 2020, 11, 119.	2.6	18
25	Clinically relevant connectivity features define three subtypes of Parkinson's disease patients. Human Brain Mapping, 2020, 41, 4077-4092.	3.6	12
26	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. Pediatric Hematology and Oncology, 2020, 37, 288-299.	0.8	4
27	Disrupted interhemispheric coordination with unaffected lateralization of global eigenvector centrality characterizes hemiparkinsonism. Brain Research, 2020, 1742, 146888.	2.2	2
28	Asymmetrical nigral iron accumulation in Parkinsonâ€™s disease with motor asymmetry: an explorative, longitudinal and test-retest study. Aging, 2020, 12, 18622-18634.	3.1	10
29	Abnormal corpus callosum induced by diabetes impairs sensorimotor connectivity in patients after acute stroke. European Radiology, 2019, 29, 115-123.	4.5	9
30	Application of T1-/T2-Weighted Ratio Mapping to Elucidate Intracortical Demyelination Process in the Alzheimerâ€™s Disease Continuum. Frontiers in Neuroscience, 2019, 13, 904.	2.8	23
31	Gray matter structural covariance networks changes along the Alzheimer's disease continuum. NeuroImage: Clinical, 2019, 23, 101828.	2.7	31
32	Alteration of Brain Functional Connectivity in Parkinsonâ€™s Disease Patients with Dysphagia. Dysphagia, 2019, 34, 600-607.	1.8	18
33	Integration and segregation of functional segmented anterior and posterior hippocampal networks in memory performance. Behavioural Brain Research, 2019, 364, 256-263.	2.2	6
34	Oscillation-specific nodal alterations in early to middle stages Parkinsonâ€™s disease. Translational Neurodegeneration, 2019, 8, 36.	8.0	11
35	Iron-related nigral degeneration influences functional topology mediated by striatal dysfunction in Parkinson's disease. Neurobiology of Aging, 2019, 75, 83-97.	3.1	35
36	Different patterns of gray matter density in early- and middle-late-onset Parkinsonâ€™s disease: a voxel-based morphometry study. Brain Imaging and Behavior, 2019, 13, 172-179.	2.1	14

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37	Microstructural and metabolic changes in the longitudinal progression of white matter hyperintensities. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1613-1622.	4.3	22
38	Quantitative susceptibility mapping as a biomarker for evaluating white matter alterations in Parkinsonâ€™s disease. Brain Imaging and Behavior, 2019, 13, 220-231.	2.1	30
39	Correlations between CSF proteins and spontaneous neuronal activity in Parkinsonâ€™s disease. Neuroscience Letters, 2018, 673, 61-66.	2.1	7
40	Regionally progressive accumulation of iron in Parkinson's disease as measured by quantitative susceptibility mapping. NMR in Biomedicine, 2017, 30, e3489.	2.8	122
41	Reorganization of anterior and posterior hippocampal networks associated with memory performance in mesial temporal lobe epilepsy. Clinical Neurophysiology, 2017, 128, 830-838.	1.5	24
42	Region-Specific Iron Measured by MRI as a Biomarker for Parkinsonâ€™s Disease. Neuroscience Bulletin, 2017, 33, 561-567.	2.9	45
43	Longitudinal Alterations of Local Spontaneous Brain Activity in Parkinsonâ€™s Disease. Neuroscience Bulletin, 2017, 33, 501-509.	2.9	25
44	Different iron deposition patterns in early- and middle-late-onset Parkinson's disease. Parkinsonism and Related Disorders, 2017, 44, 23-27.	2.2	53
45	Influence of regional iron on the motor impairments of Parkinson's disease: A quantitative susceptibility mapping study. Journal of Magnetic Resonance Imaging, 2017, 45, 1335-1342.	3.4	68
46	Intrinsic functional connectivity alterations in cognitively intact elderly APOE Îµ4 carriers measured by eigenvector centrality mapping are related to cognition and CSF biomarkers: a preliminary study. Brain Imaging and Behavior, 2017, 11, 1290-1301.	2.1	26
47	Disrupted Functional Connectivity of Basal Ganglia across Tremor-Dominant and Akinetic/Rigid-Dominant Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2017, 9, 360.	3.4	31
48	Disrupted Brain Network in Progressive Mild Cognitive Impairment Measured by Eigenvector Centrality Mapping is Linked to Cognition and Cerebrospinal Fluid Biomarkers. Journal of Alzheimer's Disease, 2016, 54, 1483-1493.	2.6	21
49	Emamectin is a non-selective allosteric activator of nicotinic acetylcholine receptors and GABA A/C receptors. Biochemical and Biophysical Research Communications, 2016, 473, 795-800.	2.1	11
50	Cortical abnormalities in Parkinsonâ€™s disease patients and relationship to depression: A surface-based morphometry study. Psychiatry Research - Neuroimaging, 2016, 250, 24-28.	1.8	35
51	Abnormal amygdala function in Parkinson's disease patients and its relationship to depression. Journal of Affective Disorders, 2015, 183, 263-268.	4.1	66
52	Iron deposition influences the measurement of water diffusion tensor in the human brain: a combined analysis of diffusion and iron-induced phase changes. Neuroradiology, 2015, 57, 1169-1178.	2.2	17
53	Greater Loss of White Matter Integrity in Postural Instability and Gait Difficulty Subtype of Parkinson's Disease. Canadian Journal of Neurological Sciences, 2014, 41, 763-768.	0.5	28
54	Disrupted white matter integrity in depressed versus non-depressed Parkinson's disease patients: A tract-based spatial statistics study. Journal of the Neurological Sciences, 2014, 346, 145-148.	0.6	51

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55	Age, gender, and hemispheric differences in iron deposition in the human brain: An in vivo MRI study. NeuroImage, 2008, 40, 35-42.	4.2	173