

Xiaojun Guan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11264623/publications.pdf>

Version: 2024-02-01

58
papers

1,098
citations

471509

17
h-index

477307

29
g-index

60
all docs

60
docs citations

60
times ranked

1541
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Region-Specific Iron Measured by MRI as a Biomarker for Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2017, 33, 561-567.	2.9	45
5	Learning-based single-step quantitative susceptibility mapping reconstruction without brain extraction. <i>NeuroImage</i> , 2019, 202, 116064.	4.2	44
6	Neuroimaging evidence of glymphatic system dysfunction in possible REM sleep behavior disorder and Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2022, 8, 54.	5.3	42
7	Alteration of regional homogeneity and white matter hyperintensities in amnesic mild cognitive impairment subtypes are related to cognition and CSF biomarkers. <i>Brain Imaging and Behavior</i> , 2018, 12, 188-200.	2.1	38
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	Associations between APOE genotype and cerebral small-vessel disease: a longitudinal study. <i>Oncotarget</i> , 2017, 8, 44477-44489.	1.8	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	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
13	Intrinsic functional connectivity alterations in cognitively intact elderly APOE ϵ 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
14	Longitudinal Alterations of Local Spontaneous Brain Activity in Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2017, 33, 501-509.	2.9	25
15	Brain Atrophy and Reorganization of Structural Network in Parkinson's Disease With Hemiparkinsonism. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 117.	2.0	25
16	Levodopa imparts a normalizing effect on default-mode network connectivity in non-demented Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 705, 159-166.	2.1	22
17	Alterations of Brain Structural Network in Parkinson's Disease With and Without Rapid Eye Movement Sleep Behavior Disorder. <i>Frontiers in Neurology</i> , 2018, 9, 334.	2.4	21
18	Fixel-based analysis reveals fiber-specific alterations during the progression of Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102355.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Alteration of Brain Functional Connectivity in Parkinson's Disease Patients with Dysphagia. <i>Dysphagia</i> , 2019, 34, 600-607.	1.8	18
20	Damaged Insula Network Contributes to Depression in Parkinson's Disease. <i>Frontiers in Psychiatry</i> , 2020, 11, 119.	2.6	18
21	Quantitative and semi-quantitative CT assessments of lung lesion burden in COVID-19 pneumonia. <i>Scientific Reports</i> , 2021, 11, 5148.	3.3	18
22	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
23	Decreased Inter-Hemispheric Functional Connectivity in Cognitively Intact Elderly APOE ϵ 4 Carriers: A Preliminary Study. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 1137-1148.	2.6	16
24	Altered spontaneous brain activity in chronic smokers revealed by fractional ramplitude of low-frequency fluctuation analysis: a preliminary study. <i>Scientific Reports</i> , 2017, 7, 328.	3.3	16
25	Increased thalamic centrality and putamen-thalamic connectivity in patients with parkinsonian resting tremor. <i>Brain and Behavior</i> , 2017, 7, e00601.	2.2	15
26	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
27	Altered effective connectivity anchored in the posterior cingulate cortex and the medial prefrontal cortex in cognitively intact elderly APOE ϵ 4 carriers: a preliminary study. <i>Brain Imaging and Behavior</i> , 2019, 13, 270-282.	2.1	14
28	<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
29	Structural Covariance Network Disruption and Functional Compensation in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 199.	3.4	13
30	A New Application of Multimodality Radiomics Improves Diagnostic Accuracy of Nonpalpable Breast Lesions in Patients with Microcalcifications-Only in Mammography. <i>Medical Science Monitor</i> , 2019, 25, 9786-9793.	1.1	13
31	Rib fracture detection system based on deep learning. <i>Scientific Reports</i> , 2021, 11, 23513.	3.3	13
32	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
33	Clinically relevant connectivity features define three subtypes of Parkinson's disease patients. <i>Human Brain Mapping</i> , 2020, 41, 4077-4092.	3.6	12
34	Oscillation-specific nodal alterations in early to middle stages Parkinson's disease. <i>Translational Neurodegeneration</i> , 2019, 8, 36.	8.0	11
35	Altered function but not structure of the amygdala in nicotine-dependent individuals. <i>Neuropsychologia</i> , 2017, 107, 102-107.	1.6	10
36	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

#	ARTICLE	IF	CITATIONS
37	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
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	The Ventral Intermediate Nucleus Differently Modulates Subtype-Related Networks in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 202.	2.8	8
41	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
42	Locus coeruleus degeneration is associated with disorganized functional topology in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2021, 32, 102873.	2.7	8
43	Correlations between CSF proteins and spontaneous neuronal activity in Parkinson's disease. <i>Neuroscience Letters</i> , 2018, 673, 61-66.	2.1	7
44	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
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	Gray and white matter alterations in different predominant side and type of motor symptom in Parkinson's disease. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1372-1379.	3.9	6
49	Illumination Normalization for Face Recognition via Jointly Optimized Dictionary-Learning and Sparse Representation. <i>IEEE Access</i> , 2018, 6, 66632-66640.	4.2	5
50	Altered Functional Network Associated With Cognitive Performance in Early Parkinson Disease Measured by Eigenvector Centrality Mapping. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 554660.	3.4	5
51	The Effect of Early Life Stress on Memory is Mediated by Anterior Hippocampal Network. <i>Neuroscience</i> , 2020, 451, 137-148.	2.3	4
52	Altered Cortical Cholinergic Network in Parkinson's Disease at Different Stage: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 723948.	3.4	4
53	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
54	Normalization effect of levodopa on hierarchical brain function in Parkinson's disease. <i>Network Neuroscience</i> , 2022, 6, 552-569.	2.6	3

#	ARTICLE	IF	CITATIONS
55	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
56	The Usefulness of Imaging Quantification in Discriminating Non-Calcified Pulmonary Hamartoma From Adenocarcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 568069.	2.8	2
57	Disrupted interhemispheric coordination with unaffected lateralization of global eigenvector centrality characterizes hemiparkinsonism. <i>Brain Research</i> , 2020, 1742, 146888.	2.2	2
58	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