

# Qiang Xu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

1,298

citations

19

h-index

35

g-index

63

ext. papers

1,691

ext. citations

5.2

avg, IF

4.19

L-index

#	Paper	IF	Citations
62	High efficiency of left superior frontal gyrus and the symptom features of major depressive disorder.. <i>Journal of Central South University (Medical Sciences)</i> , <b>2022</b> , 47, 289-300	0.4	
61	Altered dynamic parahippocampus functional connectivity in patients with post-traumatic stress disorder. <i>World Journal of Biological Psychiatry</i> , <b>2021</b> , 22, 236-245	3.8	7
60	Recycling diagnostic MRI for empowering brain morphometric research - Critical & practical assessment on learning-based image super-resolution. <i>NeuroImage</i> , <b>2021</b> , 245, 118687	7.9	1
59	Motor Network Reorganization After Repetitive Transcranial Magnetic Stimulation in Early Stroke Patients: A Resting State fMRI Study. <i>Neurorehabilitation and Neural Repair</i> , <b>2021</b> , 15459683211054184	4.7	0
58	BCCT: A GUI Toolkit for Brain Structural Covariance Connectivity Analysis on MATLAB. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 641961	3.3	1
57	Systematically disrupted functional gradient of the cortical connectome in generalized epilepsy: Initial discovery and independent sample replication. <i>NeuroImage</i> , <b>2021</b> , 230, 117831	7.9	4
56	Development and validation of a clinically applicable deep learning strategy (HONORS) for pulmonary nodule classification at CT: A retrospective multicentre study. <i>Lung Cancer</i> , <b>2021</b> , 155, 78-86	5.9	2
55	Delayed brain development of Rolandic epilepsy profiled by deep learning-based neuroanatomic imaging. <i>European Radiology</i> , <b>2021</b> , 31, 9628-9637	8	2
54	Anti-seizure medication correlated changes of cortical morphology in childhood epilepsy with centrotemporal spikes. <i>Epilepsy Research</i> , <b>2021</b> , 173, 106621	3	
53	Temporal variability profiling of the default mode across epilepsy subtypes. <i>Epilepsia</i> , <b>2021</b> , 62, 61-73	6.4	17
52	Altered functional connectivity of the amygdala and its subregions in typhoon-related post-traumatic stress disorder. <i>Brain and Behavior</i> , <b>2021</b> , 11, e01952	3.4	5
51	Influence of epileptogenic region on brain structural changes in Rolandic epilepsy. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	0
50	Radiomics-based MRI for predicting Erythropoietin-producing hepatocellular receptor A2 expression and tumor grade in brain diffuse gliomas. <i>Neuroradiology</i> , <b>2021</b> , 1	3.2	0
49	MR-Based Radiomics for Differential Diagnosis between Cystic Pituitary Adenoma and Rathke Cleft Cyst. <i>Computational and Mathematical Methods in Medicine</i> , <b>2021</b> , 2021, 6438861	2.8	1
48	White Matter Abnormalities in Patients With Typhoon-Related Posttraumatic Stress Disorder. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 665070	3.3	1
47	Individual-Specific Connectome Fingerprint Based Classification of Temporal Lobe Epilepsy. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 754-761	0.9	
46	Cortico-striato-thalamo-cerebellar networks of structural covariance underlying different epilepsy syndromes associated with generalized tonic-clonic seizures. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 1102-1115	5.9	3

45	Social support modulates the association between PTSD diagnosis and medial frontal volume in Chinese adults who lost their only child. <i>Neurobiology of Stress</i> , <b>2020</b> , 13, 100227	7.6	1
44	FKBP5 haplotypes and PTSD modulate the resting-state brain activity in Han Chinese adults who lost their only child. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 91	8.6	3
43	Decreased functional connectivity of hippocampal subregions and methylation of the gene in Han Chinese adults who lost their only child. <i>Psychological Medicine</i> , <b>2020</b> , 1-10	6.9	3
42	Macroscale and microcircuit dissociation of focal and generalized human epilepsies. <i>Communications Biology</i> , <b>2020</b> , 3, 244	6.7	14
41	Functional-structural relationship in large-scale brain networks of patients with end stage renal disease after kidney transplantation: A longitudinal study. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 328-341	5.9	3
40	Evaluation of gray matter reduction in patients with typhoon-related posttraumatic stress disorder using causal network analysis of structural MRI. <i>Psychological Medicine</i> , <b>2020</b> , 1-10	6.9	0
39	Altered inter-hemispheric communication of default-mode and visual networks underlie etiology of primary insomnia : Altered inter-hemispheric communication underlie etiology of insomnia. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1430-1444	4.1	12
38	Deteriorated functional and structural brain networks and normally appearing functional-structural coupling in diabetic kidney disease: a graph theory-based magnetic resonance imaging study. <i>European Radiology</i> , <b>2019</b> , 29, 5577-5589	8	10
37	Community-informed connectomics of the thalamocortical system in generalized epilepsy. <i>Neurology</i> , <b>2019</b> , 93, e1112-e1122	6.5	29
36	Disturbed effective connectivity patterns in an intrinsic triple network model are associated with posttraumatic stress disorder. <i>Neurological Sciences</i> , <b>2019</b> , 40, 339-349	3.5	9
35	Altered resting-state dorsal anterior cingulate cortex functional connectivity in patients with post-traumatic stress disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , <b>2019</b> , 53, 68-79	2.6	16
34	Effects of high- and low-frequency repetitive transcranial magnetic stimulation on motor recovery in early stroke patients: Evidence from a randomized controlled trial with clinical, neurophysiological and functional imaging assessments. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101620	5.3	35
33	Pathological factors contributing to crossed cerebellar diaschisis in cerebral gliomas: a study combining perfusion, diffusion, and structural MR imaging. <i>Neuroradiology</i> , <b>2018</b> , 60, 643-650	3.2	7
32	The Temporal Propagation of Intrinsic Brain Activity Associate With the Occurrence of PTSD. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 218	5	3
31	Typhoon-Related Post-Traumatic Stress Disorder and Trauma Might Lead to Functional Integration Abnormalities in Intra- and Inter-Resting State Networks: a Resting-State Fmri Independent Component Analysis. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 48, 99-110	3.9	14
30	Aberrances of Cortex Excitability and Connectivity Underlying Motor Deficit in Acute Stroke. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 1318093	3.3	9
29	Increased Inhibition of the Amygdala by the mPFC may Reflect a Resilience Factor in Post-traumatic Stress Disorder: A Resting-State fMRI Granger Causality Analysis. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 516	5	22
28	Antiepileptic Drug of Levetiracetam Decreases Centrotemporal Spike-Associated Activation in Rolandic Epilepsy. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 796	5.1	8

27	Early functional MRI activation predicts motor outcome after ischemic stroke: a longitudinal, multimodal study. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1804-1813	4.1	5
26	Dynamic Network Analysis Reveals Altered Temporal Variability in Brain Regions after Stroke: A Longitudinal Resting-State fMRI Study. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 9394156	3.3	15
25	Lower functional connectivity of default mode network in cognitively normal young adults with mutation of APP, presenilins and APOE $\epsilon$ . <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 818-828	4.1	10
24	Thalamocortical dysconnectivity in paroxysmal kinesigenic dyskinesia: Combining functional magnetic resonance imaging and diffusion tensor imaging. <i>Movement Disorders</i> , <b>2017</b> , 32, 592-600	7	26
23	Disrupted functional connectivity density in irritable bowel syndrome patients. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 1812-1822	4.1	29
22	Resting-state fMRI revealed different brain activities responding to valproic acid and levetiracetam in benign epilepsy with central-temporal spikes. <i>European Radiology</i> , <b>2017</b> , 27, 2137-2145	8	16
21	Decreased Coupling Between Functional Connectivity Density and Amplitude of Low Frequency Fluctuation in Non-Neuropsychiatric Systemic Lupus Erythematosus: a Resting-Stage Functional MRI Study. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 5225-5235	6.2	16
20	Hippocampus-associated causal network of structural covariance measuring structural damage progression in temporal lobe epilepsy. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 753-766	5.9	40
19	Post-traumatic stress influences local and remote functional connectivity: a resting-state functional magnetic resonance imaging study. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 1316-1325	4.1	10
18	Betel quid dependence is associated with functional connectivity changes of the anterior cingulate cortex: a resting-state fMRI study. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 33	8.5	23
17	Abnormal Intrinsic Brain Activity Patterns in Patients with End-Stage Renal Disease Undergoing Peritoneal Dialysis: A Resting-State Functional MR Imaging Study. <i>Radiology</i> , <b>2016</b> , 278, 181-9	20.5	37
16	Intrinsic brain abnormalities in irritable bowel syndrome and effect of anxiety and depression. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 1127-1134	4.1	45
15	Topological Reorganization of the Default Mode Network in Irritable Bowel Syndrome. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6585-6593	6.2	31
14	Disturbed Interhemispheric Functional Connectivity Rather than Structural Connectivity in Irritable Bowel Syndrome. <i>Frontiers in Molecular Neuroscience</i> , <b>2016</b> , 9, 141	6.1	17
13	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , <b>2016</b> , 6, 23153	4.9	35
12	Pathological uncoupling between amplitude and connectivity of brain fluctuations in epilepsy. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2756-66	5.9	34
11	Long-and short-range functional connectivity density alteration in non-alcoholic cirrhotic patients one month after liver transplantation: A resting-state fMRI study. <i>Brain Research</i> , <b>2015</b> , 1620, 177-87	3.7	15
10	Altered blood oxygen level-dependent signal variability in chronic post-traumatic stress disorder during symptom provocation. <i>Neuropsychiatric Disease and Treatment</i> , <b>2015</b> , 11, 1805-15	3.1	9

9	Comparison of Intravoxel Incoherent Motion Diffusion-Weighted MR Imaging and Arterial Spin Labeling MR Imaging in Gliomas. <i>BioMed Research International</i> , <b>2015</b> , 2015, 234245	3	34
8	Gray matter abnormalities associated with betel quid dependence: a voxel-based morphometry study. <i>American Journal of Translational Research (discontinued)</i> , <b>2015</b> , 7, 364-74	3	17
7	Generalized tonic-clonic seizures: aberrant interhemispheric functional and anatomical connectivity. <i>Radiology</i> , <b>2014</b> , 271, 839-47	20.5	65
6	Frequency-dependent amplitude alterations of resting-state spontaneous fluctuations in idiopathic generalized epilepsy. <i>Epilepsy Research</i> , <b>2014</b> , 108, 853-60	3	43
5	Altered intrinsic connectivity networks in frontal lobe epilepsy: a resting-state fMRI study. <i>Computational and Mathematical Methods in Medicine</i> , <b>2014</b> , 2014, 864979	2.8	25
4	Epileptic discharges specifically affect intrinsic connectivity networks during absence seizures. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 336, 138-45	3.2	26
3	Relationship between large-scale functional and structural covariance networks in idiopathic generalized epilepsy. <i>Brain Connectivity</i> , <b>2013</b> , 3, 240-54	2.7	49
2	Altered functional-structural coupling of large-scale brain networks in idiopathic generalized epilepsy. <i>Brain</i> , <b>2011</b> , 134, 2912-28	11.2	383
1	Clinically Applicable Deep Learning Strategy for Pulmonary Nodule Risk Prediction: Insights into HONORS		1