

Qiang Xu

List of Publications by Year in descending order

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61
papers

1,977
citations

279487

23
h-index

276539

41
g-index

63
all docs

63
docs citations

63
times ranked

2885
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered functionalâ€“structural coupling of large-scale brain networks in idiopathic generalized epilepsy. <i>Brain</i> , 2011, 134, 2912-2928.	3.7	486
2	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> , 2019, 21, 101620.	1.4	89
3	Generalized Tonic-Clonic Seizures: Aberrant Interhemispheric Functional and Anatomical Connectivity. <i>Radiology</i> , 2014, 271, 839-847.	3.6	76
4	Relationship Between Large-Scale Functional and Structural Covariance Networks in Idiopathic Generalized Epilepsy. <i>Brain Connectivity</i> , 2013, 3, 240-254.	0.8	66
5	Hippocampus-associated causal network of structural covariance measuring structural damage progression in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2017, 38, 753-766.	1.9	61
6	Frequency-dependent amplitude alterations of resting-state spontaneous fluctuations in idiopathic generalized epilepsy. <i>Epilepsy Research</i> , 2014, 108, 853-860.	0.8	60
7	Intrinsic brain abnormalities in irritable bowel syndrome and effect of anxiety and depression. <i>Brain Imaging and Behavior</i> , 2016, 10, 1127-1134.	1.1	55
8	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> , 2016, 278, 181-189.	3.6	52
9	Community-informed connectomics of the thalamocortical system in generalized epilepsy. <i>Neurology</i> , 2019, 93, e1112-e1122.	1.5	50
10	Pathological uncoupling between amplitude and connectivity of brain fluctuations in epilepsy. <i>Human Brain Mapping</i> , 2015, 36, 2756-2766.	1.9	45
11	Comparison of Intravoxel Incoherent Motion Diffusion-Weighted MR Imaging and Arterial Spin Labeling MR Imaging in Gliomas. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	41
12	Topological Reorganization of the Default Mode Network in Irritable Bowel Syndrome. <i>Molecular Neurobiology</i> , 2016, 53, 6585-6593.	1.9	41
13	Thalamocortical dysconnectivity in paroxysmal kinesigenic dyskinesia: Combining functional magnetic resonance imaging and diffusion tensor imaging. <i>Movement Disorders</i> , 2017, 32, 592-600.	2.2	41
14	Functional Connectome before and following Temporal Lobectomy in Mesial Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016, 6, 23153.	1.6	38
15	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> , 2018, 9, 516.	1.3	38
16	Disrupted functional connectivity density in irritable bowel syndrome patients. <i>Brain Imaging and Behavior</i> , 2017, 11, 1812-1822.	1.1	36
17	Systematically disrupted functional gradient of the cortical connectome in generalized epilepsy: Initial discovery and independent sample replication. <i>NeuroImage</i> , 2021, 230, 117831.	2.1	35
18	Macroscale and microcircuit dissociation of focal and generalized human epilepsies. <i>Communications Biology</i> , 2020, 3, 244.	2.0	34

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19	Altered inter-hemispheric communication of default-mode and visual networks underlie etiology of primary insomnia. <i>Brain Imaging and Behavior</i> , 2020, 14, 1430-1444.	1.1	32
20	Altered Intrinsic Connectivity Networks in Frontal Lobe Epilepsy: A Resting-State fMRI Study. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-10.	0.7	31
21	Epileptic discharges specifically affect intrinsic connectivity networks during absence seizures. <i>Journal of the Neurological Sciences</i> , 2014, 336, 138-145.	0.3	31
22	Temporal variability profiling of the default mode across epilepsy subtypes. <i>Epilepsia</i> , 2021, 62, 61-73.	2.6	31
23	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> , 2017, 54, 5225-5235.	1.9	29
24	Dynamic Network Analysis Reveals Altered Temporal Variability in Brain Regions after Stroke: A Longitudinal Resting-State fMRI Study. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	26
25	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> , 2019, 53, 68-79.	1.3	26
26	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> , 2016, 14, 33.	1.8	25
27	Resting-state fMRI revealed different brain activities responding to valproic acid and levetiracetam in benign epilepsy with central-temporal spikes. <i>European Radiology</i> , 2017, 27, 2137-2145.	2.3	25
28	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> , 2018, 48, 99-110.	1.1	23
29	Disturbed Interhemispheric Functional Connectivity Rather than Structural Connectivity in Irritable Bowel Syndrome. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 141.	1.4	22
30	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> , 2019, 29, 5577-5589.	2.3	20
31	Disturbed effective connectivity patterns in an intrinsic triple network model are associated with posttraumatic stress disorder. <i>Neurological Sciences</i> , 2019, 40, 339-349.	0.9	19
32	Aberrances of Cortex Excitability and Connectivity Underlying Motor Deficit in Acute Stroke. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	1.0	17
33	Altered dynamic parahippocampus functional connectivity in patients with post-traumatic stress disorder. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 236-245.	1.3	17
34	Gray matter abnormalities associated with betel quid dependence: a voxel-based morphometry study. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 364-74.	0.0	17
35	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> , 2015, 1620, 177-187.	1.1	16
36	Lower functional connectivity of default mode network in cognitively normal young adults with mutation of APP, presenilins and APOE ϵ 4. <i>Brain Imaging and Behavior</i> , 2017, 11, 818-828.	1.1	16

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37	Corticoâ€striatoâ€thalamoâ€cerebellar networks of structural covariance underlying different epilepsy syndromes associated with generalized tonicâ€clonic seizures. <i>Human Brain Mapping</i> , 2021, 42, 1102-1115.	1.9	16
38	Altered blood oxygen level-dependent signal variability in chronic post-traumatic stress disorder during symptom provocation. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 1805.	1.0	15
39	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> , 2021, 155, 78-86.	0.9	14
40	Post-traumatic stress influences local and remote functional connectivity: a resting-state functional magnetic resonance imaging study. <i>Brain Imaging and Behavior</i> , 2017, 11, 1316-1325.	1.1	13
41	Early functional MRI activation predicts motor outcome after ischemic stroke: a longitudinal, multimodal study. <i>Brain Imaging and Behavior</i> , 2018, 12, 1804-1813.	1.1	13
42	Altered functional connectivity of the amygdala and its subregions in typhoonâ€related postâ€traumatic stress disorder. <i>Brain and Behavior</i> , 2021, 11, e01952.	1.0	13
43	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> , 2020, 13, 100227.	1.9	11
44	BCCT: A GUI Toolkit for Brain Structural Covariance Connectivity Analysis on MATLAB. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 641961.	1.0	11
45	Motor Network Reorganization After Repetitive Transcranial Magnetic Stimulation in Early Stroke Patients: A Resting State fMRI Study. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 61-68.	1.4	11
46	Delayed brain development of Rolandic epilepsy profiled by deep learningâ€based neuroanatomic imaging. <i>European Radiology</i> , 2021, 31, 9628-9637.	2.3	10
47	Antiepileptic Drug of Levetiracetam Decreases Centrotemporal Spike-Associated Activation in Rolandic Epilepsy. <i>Frontiers in Neuroscience</i> , 2018, 12, 796.	1.4	9
48	Functionalâ€structural relationship in largeâ€scale brain networks of patients with end stage renal disease after kidney transplantation: A longitudinal study. <i>Human Brain Mapping</i> , 2020, 41, 328-341.	1.9	9
49	FKBP5 haplotypes and PTSD modulate the resting-state brain activity in Han Chinese adults who lost their only child. <i>Translational Psychiatry</i> , 2020, 10, 91.	2.4	8
50	Pathological factors contributing to crossed cerebellar diaschisis in cerebral gliomas: a study combining perfusion, diffusion, and structural MR imaging. <i>Neuroradiology</i> , 2018, 60, 643-650.	1.1	7
51	The Temporal Propagation of Intrinsic Brain Activity Associate With the Occurrence of PTSD. <i>Frontiers in Psychiatry</i> , 2018, 9, 218.	1.3	7
52	Decreased functional connectivity of hippocampal subregions and methylation of the NR3C1 gene in Han Chinese adults who lost their only child. <i>Psychological Medicine</i> , 2020, , 1-10.	2.7	6
53	Radiomics-based MRI for predicting Erythropoietin-producing hepatocellular receptor A2 expression and tumor grade in brain diffuse gliomas. <i>Neuroradiology</i> , 2022, 64, 323-331.	1.1	6
54	Evaluation of gray matter reduction in patients with typhoon-related posttraumatic stress disorder using causal network analysis of structural MRI. <i>Psychological Medicine</i> , 2022, 52, 1481-1490.	2.7	5

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55	Influence of epileptogenic region on brain structural changes in Rolandic epilepsy. <i>Brain Imaging and Behavior</i> , 2022, 16, 424-434.	1.1	5
56	Recycling diagnostic MRI for empowering brain morphometric research – Critical & practical assessment on learning-based image super-resolution. <i>NeuroImage</i> , 2021, 245, 118687.	2.1	5
57	High efficiency of left superior frontal gyrus and the symptom features of major depressive disorder.. <i>Journal of Central South University (Medical Sciences)</i> , 2022, 47, 289-300.	0.1	4
58	Anti-seizure medication correlated changes of cortical morphology in childhood epilepsy with centrotemporal spikes. <i>Epilepsy Research</i> , 2021, 173, 106621.	0.8	3
59	White Matter Abnormalities in Patients With Typhoon-Related Posttraumatic Stress Disorder. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 665070.	1.0	3
60	Distinct Functional Cortico-Striato-Thalamo-Cerebellar Networks in Genetic Generalized and Focal Epilepsies with Generalized Tonic-Clonic Seizures. <i>Journal of Clinical Medicine</i> , 2022, 11, 1612.	1.0	3
61	MR-Based Radiomics for Differential Diagnosis between Cystic Pituitary Adenoma and Rathke Cleft Cyst. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-12.	0.7	2