

Fuqing Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,335
citations

361045

20
h-index

454577

30
g-index

72
all docs

72
docs citations

72
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency-dependent changes in local intrinsic oscillations in chronic primary insomnia: A study of the amplitude of low-frequency fluctuations in the resting state. <i>NeuroImage: Clinical</i> , 2017, 15, 458-465.	1.4	89
2	Frequency-Dependent Changes of Local Resting Oscillations in Sleep-Deprived Brain. <i>PLoS ONE</i> , 2015, 10, e0120323.	1.1	71
3	Denosing arterial spin labeling perfusion MRI with deep machine learning. <i>Magnetic Resonance Imaging</i> , 2020, 68, 95-105.	1.0	59
4	Disturbed spontaneous brain activity pattern in patients with primary angle-closure glaucoma using amplitude of low-frequency fluctuation: a fMRI study. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 1877.	1.0	54
5	Altered Inter-Subregion Connectivity of the Default Mode Network in Relapsing Remitting Multiple Sclerosis: A Functional and Structural Connectivity Study. <i>PLoS ONE</i> , 2014, 9, e101198.	1.1	52
6	Resting State Brain Entropy Alterations in Relapsing Remitting Multiple Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0146080.	1.1	45
7	Altered motor network functional connectivity in amyotrophic lateral sclerosis. <i>NeuroReport</i> , 2013, 24, 657-662.	0.6	38
8	Alterations in regional functional coherence within the sensory-motor network in amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2014, 558, 192-196.	1.0	38
9	Alteration of Regional Homogeneity within the Sensorimotor Network after Spinal Cord Decompression in Cervical Spondylotic Myelopathy: A Resting-State fMRI Study. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	36
10	Altered low-frequency oscillation amplitude of resting state-fMRI in patients with discogenic low-back and leg pain. <i>Journal of Pain Research</i> , 2018, Volume 11, 165-176.	0.8	36
11	Increased Low-Frequency Oscillation Amplitude of Sensorimotor Cortex Associated with the Severity of Structural Impairment in Cervical Myelopathy. <i>PLoS ONE</i> , 2014, 9, e104442.	1.1	33
12	Organization of the intrinsic functional network in the cervical spinal cord: A resting state functional MRI study. <i>Neuroscience</i> , 2016, 336, 30-38.	1.1	32
13	Altered homotopic connectivity in postherpetic neuralgia: a resting state fMRI study. <i>Journal of Pain Research</i> , 2016, Volume 9, 877-886.	0.8	29
14	Differential Activation Patterns of fMRI in Sleep-Deprived Brain: Restoring Effects of Acupuncture. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-7.	0.5	28
15	Amplitude of Low-Frequency Fluctuations in Multiple-Frequency Bands in Acute Mild Traumatic Brain Injury. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 27.	1.0	28
16	Temporal regularity of intrinsic cerebral activity in patients with chronic primary insomnia: a brain entropy study using resting&state <sc>fMRI</sc>. <i>Brain and Behavior</i> , 2016, 6, e00529.	1.0	28
17	Detection of Functional Homotopy in Traumatic Axonal Injury. <i>European Radiology</i> , 2017, 27, 325-335.	2.3	28
18	Altered functional connectivity of primary visual cortex in late blindness. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 3317-3327.	1.0	28

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19	Regional impairment of intrinsic functional connectivity strength in patients with chronic primary insomnia. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1449-1462.	1.0	26
20	Altered functional connectivity density in primary angle-closure glaucoma patients at resting-state. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 603-614.	1.1	23
21	Deep learning-based methods may minimize GBCA dosage in brain MRI. <i>European Radiology</i> , 2021, 31, 6419-6428.	2.3	23
22	Characterizing Thalamocortical Disturbances in Cervical Spondylotic Myelopathy: Revealed by Functional Connectivity under Two Slow Frequency Bands. <i>PLoS ONE</i> , 2015, 10, e0125913.	1.1	20
23	Intrinsic Functional Plasticity of the Thalamocortical System in Minimally Disabled Patients with Relapsing-Remitting Multiple Sclerosis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 2.	1.0	20
24	Intrinsic Functional Connectivity Alterations of the Primary Visual Cortex in Primary Angle-Closure Glaucoma Patients before and after Surgery: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2017, 12, e0170598.	1.1	20
25	<p>Frequency-dependent neural activity in primary angle-closure glaucoma</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 271-282.	1.0	20
26	Altered whole-brain gray matter volume in high myopia patients. <i>NeuroReport</i> , 2018, 29, 760-767.	0.6	19
27	Bidirectional alterations in ALFF across slow-5 and slow-4 frequencies in the brains of postherpetic neuralgia patients. <i>Journal of Pain Research</i> , 2019, Volume 12, 39-47.	0.8	19
28	Local connectivity of the resting brain connectome in patients with low back-related leg pain: A multiscale frequency-related Kendall's coefficient of concordance and coherence-regional homogeneity study. <i>NeuroImage: Clinical</i> , 2019, 21, 101661.	1.4	19
29	<p>Altered gray matter volume in patients with herpes zoster and postherpetic neuralgia</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 605-616.	0.8	18
30	Differential Changes in Deep and Cortical Gray Matters of Patients With Multiple Sclerosis. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 431-436.	0.5	17
31	Altered intra- and interregional synchronization in relapsing–remitting multiple sclerosis: a resting-state fMRI study. <i>Neuropsychiatric Disease and Treatment</i> , 2016, 12, 853.	1.0	17
32	Disrupted interhemispheric functional connectivity in chronic insomnia disorder: a resting-state fMRI study. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1229-1240.	1.0	17
33	White matter lesion loads associated with dynamic functional connectivity within attention network in patients with relapsing-remitting multiple sclerosis. <i>Journal of Clinical Neuroscience</i> , 2019, 65, 59-65.	0.8	17
34	Multiple sclerosis: Hyperintense lesions in the brain on T1-weighted MR images assessed by diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 789-795.	1.9	16
35	Altered functional connectivity density in patients with herpes zoster and postherpetic neuralgia. <i>Journal of Pain Research</i> , 2018, Volume 11, 881-888.	0.8	16
36	Increased thalamic intrinsic oscillation amplitude in relapsing–remitting multiple sclerosis associated with the slowed cognitive processing. <i>Clinical Imaging</i> , 2014, 38, 605-610.	0.8	15

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37	Intrinsic Functional Plasticity of the Sensorimotor Network in Relapsing-Remitting Multiple Sclerosis: Evidence from a Centrality Analysis. <i>PLoS ONE</i> , 2015, 10, e0130524.	1.1	15
38	Cortical Surface Thickness in the Middle-Aged Brain with White Matter Hyperintense Lesions. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 225.	1.7	15
39	Regional cerebral hypoperfusion after acute sleep deprivation. <i>Medicine (United States)</i> , 2019, 98, e14008.	0.4	15
40	<p>Hyperconnectivity and High Temporal Variability of the Primary Somatosensory Cortex in Low-Back-Related Leg Pain: An fMRI Study of Static and Dynamic Functional Connectivity</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 1665-1675.	0.8	13
41	Brain MRI characteristics in neuromyelitis optica spectrum disorders: A large multi-center retrospective study in China. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 46, 102475.	0.9	13
42	Frequency-Specific Abnormalities of Intrinsic Functional Connectivity Strength among Patients with Amyotrophic Lateral Sclerosis: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 351.	1.7	12
43	Disconnection of the hippocampus and amygdala associated with lesion load in relapsing–remitting multiple sclerosis: a structural and functional connectivity study. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 1749.	1.0	11
44	Synchronization within, and interactions between, the default mode and dorsal attention networks in relapsing-remitting multiple sclerosis. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1241-1252.	1.0	10
45	Local functional connectivity of patients with acute and remitting multiple sclerosis. <i>Medicine (United States)</i> , 2020, 99, e22860.	0.4	10
46	DualMMP-GAN: Dual-scale multi-modality perceptual generative adversarial network for medical image segmentation. <i>Computers in Biology and Medicine</i> , 2022, 144, 105387.	3.9	10
47	Altered long&eand short&eange functional connectivity density associated with poor sleep quality in patients with chronic insomnia disorder: A resting&eestate fMRI study. <i>Brain and Behavior</i> , 2020, 10, e01844.	1.0	9
48	Density abnormalities in normal-appearing gray matter in the middle-aged brain with white matter hyperintense lesions: a DARTEL-enhanced voxel-based morphometry study. <i>Clinical Interventions in Aging</i> , 2016, 11, 615.	1.3	8
49	Thalamic atrophy and dysfunction in patients with mild-to-moderate traumatic diffuse axonal injury. <i>NeuroReport</i> , 2018, 29, 1282-1287.	0.6	8
50	Characterizing Static and Dynamic Fractional Amplitude of Low-Frequency Fluctuation and its Prediction of Clinical Dysfunction in Patients with Diffuse Axonal Injury. <i>Academic Radiology</i> , 2021, 28, e63-e70.	1.3	8
51	Structural and functional hippocampal alterations in Multiple sclerosis and neuromyelitis optica spectrum disorder. <i>Multiple Sclerosis Journal</i> , 2022, 28, 707-717.	1.4	8
52	Success with neurotropin in treating pediatric lower extremity pain induced by spinal cord injury after epidural anesthesia. <i>Journal of Pain Research</i> , 2017, Volume 10, 1391-1394.	0.8	7
53	<p>Disrupted interhemispheric functional coordination in patients with chronic low back-related leg pain: a multiscale frequency-related homotopic connectivity study</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 2615-2626.	0.8	7
54	Disruption of human brain connectivity networks in patients with cervical spondylotic myelopathy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3418-3430.	1.1	7

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55	Subtyping relapsing—remitting multiple sclerosis using structural MRI. <i>Journal of Neurology</i> , 2021, 268, 1808-1817.	1.8	7
56	Altered perfusion of the sensorimotor cortex in patients with cervical spondylotic myelopathy: an arterial spin labeling study. <i>Journal of Pain Research</i> , 2018, Volume 11, 181-190.	0.8	6
57	Compressing the lumbar nerve root changes the frequency-associated cerebral amplitude of fluctuations in patients with low back/leg pain. <i>Scientific Reports</i> , 2019, 9, 2246.	1.6	5
58	Functional plasticity in lateral hypothalamus and its prediction of cognitive impairment in patients with diffuse axonal injury. <i>NeuroReport</i> , 2021, Publish Ahead of Print, 588-595.	0.6	5
59	Prolonged CT urography in duplex kidney. <i>BMC Urology</i> , 2016, 16, 21.	0.6	4
60	Arterial Spin Labeling Perfusion Magnetic Resonance Imaging Reveals Resting Cerebral Blood Flow Alterations Specific to Retinitis Pigmentosa Patients. <i>Current Eye Research</i> , 2019, 44, 1353-1359.	0.7	4
61	—Altered Functional Connectivity Density in Young Survivors of Acute Lymphoblastic Leukemia Using Resting-State fMRI—. <i>Cancer Management and Research</i> , 2020, Volume 12, 7033-7041.	0.9	4
62	Distributed causality in resting-state network connectivity in the acute and remitting phases of RRMS. <i>BMC Neuroscience</i> , 2020, 21, 37.	0.8	4
63	<p>Frequency-Specific Abnormalities Of Functional Homotopy In Alcohol Dependence: A Resting-State Functional Magnetic Resonance Imaging Study</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 3231-3245.	1.0	3
64	MS or not MS: T2-weighted imaging (T2WI)-based radiomic findings distinguish MS from its mimics. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 61, 103756.	0.9	3
65	Classification of Chemotherapy-Related Subjective Cognitive Complaints in Breast Cancer Using Brain Functional Connectivity and Activity: A Machine Learning Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2267.	1.0	3
66	Abnormal intrinsic brain functional network dynamics in patients with cervical spondylotic myelopathy. <i>Cognitive Neurodynamics</i> , 2023, 17, 1201-1211.	2.3	3
67	—Functional Connectivity Density with Frequency-Dependent Changes in Patients with Diffuse Axonal Injury: A Resting-State Functional Magnetic Resonance Imaging Study—. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 2733-2742.	1.0	2
68	Effect of the Minor C Allele of CNTN4 rs2619566 on Medial Hypothalamic Connectivity in Early-Stage Patients of Chinese Han Ancestry with Sporadic Amyotrophic Lateral Sclerosis. <i>Neuropsychiatric Disease and Treatment</i> , 2022, Volume 18, 437-448.	1.0	1
69	Aberrant functional connectivity and temporal variability of the dynamic pain connectome in patients with low back related leg pain. <i>Scientific Reports</i> , 2022, 12, 6324.	1.6	1
70	Disentangling local functional connectivity and its variability as a biomarker for predicting dysfunction in patients with diffuse axonal injury. <i>Chinese Journal of Academic Radiology</i> , 2020, 3, 115-123.	0.4	0
71	POCS-Augmented CycleGAN for MR Image Reconstruction. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 114.	1.3	0