Lijun Bai

List of Publications by Year
in descending order

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83	2,257	236925	254184
papers	citations	25 h-index	43 g-index

86	86	86	2264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dysfunctional connectivity patterns in chronic heroin users: An fMRI study. Neuroscience Letters, 2009, 460, 72-77.	2.1	174
2	Altered topological patterns of brain networks in mild cognitive impairment and Alzheimer's disease: A resting-state fMRI study. Psychiatry Research - Neuroimaging, 2012, 202, 118-125.	1.8	130
3	FMRI Connectivity Analysis of Acupuncture Effects on an Amygdala-Associated Brain Network. Molecular Pain, 2008, 4, 1744-8069-4-55.	2.1	122
4	Acupuncture modulates spontaneous activities in the anticorrelated resting brain networks. Brain Research, 2009, 1279, 37-49.	2.2	104
5	Acupuncture Modulates Temporal Neural Responses in Wide Brain Networks: Evidence from fMRI Study. Molecular Pain, 2010, 6, 1744-8069-6-73.	2.1	102
6	Timeâ€varied characteristics of acupuncture effects in fMRI studies. Human Brain Mapping, 2009, 30, 3445-3460.	3.6	99
7	FMRI connectivity analysis of acupuncture effects on the whole brain network in mild cognitive impairment patients. Magnetic Resonance Imaging, 2012, 30, 672-682.	1.8	96
8	Neural specificity of acupuncture stimulation at pericardium 6: Evidence from an FMRI study. Journal of Magnetic Resonance Imaging, 2010, 31, 71-77.	3.4	74
9	Frequency-Dependent Changes of Local Resting Oscillations in Sleep-Deprived Brain. PLoS ONE, 2015, 10, e0120323.	2.5	71
10	Investigation of the effective connectivity of resting state networks in Alzheimer's disease: a functional MRI study combining independent components analysis and multivariate Granger causality analysis. NMR in Biomedicine, 2012, 25, 1311-1320.	2.8	56
11	Investigation of the large-scale functional brain networks modulated by acupuncture. Magnetic Resonance Imaging, 2011, 29, 958-965.	1.8	49
12	Elevated Serum Levels of Inflammation-Related Cytokines in Mild Traumatic Brain Injury Are Associated With Cognitive Performance. Frontiers in Neurology, 2019, 10, 1120.	2.4	49
13	Combining spatial and temporal information to explore functionâ€guide action of acupuncture using fMRI. Journal of Magnetic Resonance Imaging, 2009, 30, 41-46.	3.4	48
14	Manipulation of and Sustained Effects on the Human Brain Induced by Different Modalities of Acupuncture: An fMRI Study. PLoS ONE, 2013, 8, e66815.	2.5	46
15	Investigation of acupoint specificity by functional connectivity analysis based on graph theory. Neuroscience Letters, 2010, 482, 95-100.	2.1	43
16	Exploring vision-related acupuncture point specificity with multivoxel pattern analysis. Magnetic Resonance Imaging, 2010, 28, 380-387.	1.8	40
17	Modulatory effects of acupuncture on restingâ€state networks: A functional MRI study combining independent component analysis and multivariate granger causality analysis. Journal of Magnetic Resonance Imaging, 2012, 35, 572-581.	3.4	39
18	Disruption of periaqueductal grey-default mode network functional connectivity predicts persistent post-traumatic headache in mild traumatic brain injury. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 326-332.	1.9	38

#	Article	IF	Citations
19	Exploring the Patterns of Acupuncture on Mild Cognitive Impairment Patients Using Regional Homogeneity. PLoS ONE, 2014, 9, e99335.	2.5	36
20	Detection of dynamic brain networks modulated by acupuncture using a graph theory model. Progress in Natural Science: Materials International, 2009, 19, 827-835.	4.4	34
21	The Temporal-Spatial Encoding of Acupuncture Effects in the Brain. Molecular Pain, 2011, 7, 1744-8069-7-19.	2.1	33
22	Comparison of visual cortical activations induced by electro-acupuncture at vision and nonvision-related acupoints. Neuroscience Letters, 2009, 458, 6-10.	2.1	31
23	Strategic white matter injury associated with longâ€term information processing speed deficits in mild traumatic brain injury. Human Brain Mapping, 2020, 41, 4431-4441.	3.6	29
24	A Longitudinal Study of Hand Motor Recovery after Sub-Acute Stroke: A Study Combined fMRI with Diffusion Tensor Imaging. PLoS ONE, 2013, 8, e64154.	2.5	29
25	Differential Activation Patterns of fMRI in Sleep-Deprived Brain: Restoring Effects of Acupuncture. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	1.2	28
26	Amplitude of Low-Frequency Fluctuations in Multiple-Frequency Bands in Acute Mild Traumatic Brain Injury. Frontiers in Human Neuroscience, 2016, 10, 27.	2.0	28
27	Characterizing AcupunctureDe Qiin Mild Cognitive Impairment: Relations with Small-World Efficiency of Functional Brain Networks. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	27
28	Single Mild Traumatic Brain Injury Deteriorates Progressive Interhemispheric Functional and Structural Connectivity. Journal of Neurotrauma, 2021, 38, 464-473.	3.4	26
29	Neurobiological Foundations of Acupuncture: The Relevance and Future Prospect Based on Neuroimaging Evidence. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	25
30	Depressive Symptoms in Multiple Sclerosis from an In Vivo Study with TBSS. BioMed Research International, 2014, 2014, 1-8.	1.9	25
31	Altered Hub Configurations within Default Mode Network following Acupuncture at ST36: A Multimodal Investigation Combining fMRI and MEG. PLoS ONE, 2013, 8, e64509.	2.5	24
32	Acupuncture Modulates the Functional Connectivity of the Default Mode Network in Stroke Patients. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	1.2	24
33	Acupuncture Enhances Effective Connectivity between Cerebellum and Primary Sensorimotor Cortex in Patients with Stable Recovery Stroke. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	1.2	23
34	Hypothalamus-Related Resting Brain Network Underlying Short-Term Acupuncture Treatment in Primary Hypertension. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	21
35	Acupuncture Modulates Disrupted Whole-Brain Network after Ischemic Stroke: Evidence Based on Graph Theory Analysis. Neural Plasticity, 2020, 2020, 1-10.	2.2	21
36	The effect of white matter signal abnormalities on default mode network connectivity in mild cognitive impairment. Human Brain Mapping, 2020, 41, 1237-1248.	3.6	20

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37	Side of Limb-Onset Predicts Laterality of Gray Matter Loss in Amyotrophic Lateral Sclerosis. BioMed Research International, 2014, 2014, 1-11.	1.9	18
38	Decoupling of Structural and Functional Connectivity in Hubs and Cognitive Impairment After Mild Traumatic Brain Injury. Brain Connectivity, 2021, 11, 745-758.	1.7	18
39	Neural specificity of acupuncture stimulation from support vector machine classification analysis. Magnetic Resonance Imaging, 2011, 29, 943-950.	1.8	17
40	Investigation of acupoint specificity by multivariate granger causality analysis from functional MRI data. Journal of Magnetic Resonance Imaging, 2011, 34, 31-42.	3.4	17
41	Spatiotemporal Modulation of Central Neural Pathway Underlying Acupuncture Action: A Systematic Review. Current Medical Imaging, 2009, 5, 167-173.	0.8	16
42	Multivariate Granger Causality Analysis of Acupuncture Effects in Mild Cognitive Impairment Patients: An fMRI Study. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-12.	1.2	15
43	Loss of Microstructural Integrity in the Limbic-Subcortical Networks for Acute Symptomatic Traumatic Brain Injury. BioMed Research International, 2014, 2014, 1-7.	1.9	15
44	Cerebral Hemodynamic Correlates of Transcutaneous Auricular Vagal Nerve Stimulation in Consciousness Restoration: An Open-Label Pilot Study. Frontiers in Neurology, 2021, 12, 684791.	2.4	15
45	Severe asymptomatic carotid stenosis is associated with robust reductions in homotopic functional connectivity. NeuroImage: Clinical, 2019, 24, 102101.	2.7	14
46	Sex differences in cerebral perfusion changes after mild traumatic brain injury: Longitudinal investigation and correlation with outcome. Brain Research, 2019, 1708, 93-99.	2.2	14
47	A Longitudinal Study of White Matter Functional Network in Mild Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 2686-2697.	3.4	14
48	Exploring the effective connectivity of resting state networks in Mild Cognitive Impairment: An fMRI study combining ICA and multivariate Granger causality analysis. , 2012, 2012, 5454-7.		13
49	Acupuncture Induces Time-Dependent Remodelling Brain Network on the Stable Somatosensory First-Ever Stroke Patients: Combining Diffusion Tensor and Functional MR Imaging. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	1.2	13
50	The role of insula-cerebellum connection underlying aversive regulation with acupuncture. Molecular Pain, 2018, 14, 174480691878345.	2.1	13
51	Longitudinal Changes of Caudate-Based Resting State Functional Connectivity in Mild Traumatic Brain Injury. Frontiers in Neurology, 2018, 9, 467.	2.4	13
52	Mild traumatic brain injury is associated with effect of inflammation on structural changes of default mode network in those developing chronic pain. Journal of Headache and Pain, 2020, 21, 135.	6.0	13
53	Serum Neuron-Specific Enolase Levels Associated with Connectivity Alterations in Anterior Default Mode Network after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 1495-1505.	3.4	13
54	Accelerated Brain Aging in Mild Traumatic Brain Injury: Longitudinal Pattern Recognition with White Matter Integrity. Journal of Neurotrauma, 2021, 38, 2549-2559.	3.4	13

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55	Acupuncture De Qi in Stable Somatosensory Stroke Patients: Relations with Effective Brain Network for Motor Recovery. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	12
56	Investigation of acupoint specificity by whole brain functional connectivity analysis from fMRI data. , 2011, 2011, 2784-7.		11
57	Interaction of acupuncture treatment and manipulation laterality modulated by the default mode network. Molecular Pain, 2017, 13, 174480691668368.	2.1	11
58	Preliminary Evidence of Sex Differences in Cortical Thickness Following Acute Mild Traumatic Brain Injury. Frontiers in Neurology, 2018, 9, 878.	2.4	11
59	Corpus callosum integrity loss predicts cognitive impairment in Leukoaraiosis. Annals of Clinical and Translational Neurology, 2020, 7, 2409-2420.	3.7	11
60	Changes of Brain Glucose Metabolism in the Pretreatment Patients with Non-Small Cell Lung Cancer: A Retrospective PET/CT Study. PLoS ONE, 2016, 11, e0161325.	2.5	11
61	Acupuncture Induces Divergent Alterations of Functional Connectivity within Conventional Frequency Bands: Evidence from MEG Recordings. PLoS ONE, 2012, 7, e49250.	2.5	10
62	Acupuncture Enhances Communication between Cortices with Damaged White Matters in Poststroke Motor Impairment. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-11.	1.2	10
63	Differential neural responses to acupuncture revealed by MEG using wavelet-based time-frequency analysis: A pilot study. , 2011, 2011, 7099-102.		7
64	Sex Differences in Abnormal Intrinsic Functional Connectivity After Acute Mild Traumatic Brain Injury. Frontiers in Neural Circuits, 2018, 12, 107.	2.8	7
65	Exploratory Analysis of Functional Connectivity Network in Acupuncture Study by a Graph Theory Mode. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2023-6.	0.5	5
66	Morphometry Based on Effective and Accurate Correspondences of Localized Patterns (MEACOLP). PLoS ONE, 2012, 7, e35745.	2.5	3
67	Frontal White Matter Hyperintensities Effect on Default Mode Network Connectivity in Acute Mild Traumatic Brain Injury. Frontiers in Aging Neuroscience, 2021, 13, 793491.	3.4	3
68	Reorganized Hubs of Brain Functional Networks after Acute Mild Traumatic Brain Injury. Journal of Neurotrauma, 2023, 40, 63-73.	3.4	3
69	Exploring the evolution of post-acupuncture resting-state networks combining ICA and multivariate Granger causality. , 2011, 2011, 2813-6.		2
70	Dysfunctional whole brain networks in mild cognitive impairment patients: an fMRI study. Proceedings of SPIE, 2012, , .	0.8	2
71	Imaging Neurodegenerative Diseases: Mechanisms and Interventions. BioMed Research International, 2014, 2014, 1-2.	1.9	2
72	Neurobiological Mechanisms of Acupuncture 2014. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-2.	1.2	2

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73	Findings of Acupuncture Mechanisms Using EEG and MEG. , 2018, , 91-124.		2
74	Neurobiological Mechanisms of Acupuncture. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-2.	1.2	1
75	Temporospatial Encoding of Acupuncture Effects in the Brain. , 2018, , 31-60.		1
76	An information-based clustering approach for fMRI activation detection. , 2008, , .		0
77	Differential spatial activity patterns of acupuncture by a machine learning based analysis. Proceedings of SPIE, 2011, , .	0.8	0
78	An fMRI study of neural pathways following acupuncture in mild cognitive impairment patients. Proceedings of SPIE, 2012, , .	0.8	0
79	Differential spectral power alteration following acupuncture at different designated places revealed by magnetoencephalography. , 2012, , .		0
80	Tractography of white matter based on diffusion tensor imaging in ischaemic stroke involving the corticospinal tract: a preliminary study. , 2012, , .		0
81	Deteriorating neural connectivity of the hippocampal episodic memory network in mTBI patients: A cohort study. , 2017, , .		0
82	Imaging Neural Plasticity following Brain Injury. Neural Plasticity, 2017, 2017, 1-2.	2.2	0
83	Editorial: Balancing Act: Structural-Functional Circuit Disruptions and Compensations in Developing and Aging Brain Disorders. Frontiers in Neural Circuits, 2019, 13, 83.	2.8	0