

Peipeng Liang

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,887
citations

279701

23
h-index

276775

41
g-index

68
all docs

68
docs citations

68
times ranked

2963
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal amygdala connectivity in patients with primary insomnia: Evidence from resting state fMRI. <i>European Journal of Radiology</i> , 2012, 81, 1288-1295.	1.2	169
2	Functional Disconnection and Compensation in Mild Cognitive Impairment: Evidence from DLPFC Connectivity Using Resting-State fMRI. <i>PLoS ONE</i> , 2011, 6, e22153.	1.1	144
3	Changes in thalamus connectivity in mild cognitive impairment: Evidence from resting state fMRI. <i>European Journal of Radiology</i> , 2012, 81, 277-285.	1.2	106
4	Histogram-based normalization technique on human brain magnetic resonance images from different acquisitions. <i>BioMedical Engineering OnLine</i> , 2015, 14, 73.	1.3	73
5	The Baseline and Longitudinal Changes of PCC Connectivity in Mild Cognitive Impairment: A Combined Structure and Resting-State fMRI Study. <i>PLoS ONE</i> , 2012, 7, e36838.	1.1	73
6	Acupuncture Stimulation of Taichong (Liv3) and Hegu (LI4) Modulates the Default Mode Network Activity in Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2014, 29, 739-748.	0.9	67
7	Altered Amplitude of Low-frequency Fluctuations in Early and Late Mild Cognitive Impairment and Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 389-398.	0.7	66
8	Acupuncture Modulates Resting State Hippocampal Functional Connectivity in Alzheimer Disease. <i>PLoS ONE</i> , 2014, 9, e91160.	1.1	64
9	Baseline and longitudinal patterns of hippocampal connectivity in mild cognitive impairment: Evidence from resting state fMRI. <i>Journal of the Neurological Sciences</i> , 2011, 309, 79-85.	0.3	63
10	Three Subsystems of the Inferior Parietal Cortex Are Differently Affected in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 475-487.	1.2	61
11	Construction of brain atlases based on a multi-center MRI dataset of 2020 Chinese adults. <i>Scientific Reports</i> , 2016, 5, 18216.	1.6	61
12	Abnormal baseline brain activity in patients with neuromyelitis optica: A resting-state fMRI study. <i>European Journal of Radiology</i> , 2011, 80, 407-411.	1.2	56
13	Common and dissociable neural correlates associated with component processes of inductive reasoning. <i>NeuroImage</i> , 2011, 56, 2292-2299.	2.1	51
14	Altered Causal Connectivity of Resting State Brain Networks in Amnesic MCI. <i>PLoS ONE</i> , 2014, 9, e88476.	1.1	48
15	Brain plasticity in relapsing/remitting multiple sclerosis: Evidence from resting-state fMRI. <i>Journal of the Neurological Sciences</i> , 2011, 304, 127-131.	0.3	46
16	Tsinghua facial expression database – A database of facial expressions in Chinese young and older women and men: Development and validation. <i>PLoS ONE</i> , 2020, 15, e0231304.	1.1	46
17	Regional homogeneity changes in patients with neuromyelitis optica revealed by resting-state functional MRI. <i>Clinical Neurophysiology</i> , 2011, 122, 121-127.	0.7	42
18	Precuneus Dysfunction in Parkinson's Disease With Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 427.	1.7	40

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19	The role of the DLPFC in inductive reasoning of MCI patients and normal agings: An fMRI study. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 789-795.	1.3	39
20	Entorhinal Cortex Atrophy in Early, Drug-naive Parkinson's Disease with Mild Cognitive Impairment. , 2019, 10, 1221.		35
21	Different strategies in solving series completion inductive reasoning problems: An fMRI and computational study. <i>International Journal of Psychophysiology</i> , 2014, 93, 253-260.	0.5	33
22	Altered directional connectivity between emotion network and motor network in Parkinson's disease with depression. <i>Medicine (United States)</i> , 2016, 95, e4222.	0.4	33
23	Disruption of cortical integration during midazolam-induced light sedation. <i>Human Brain Mapping</i> , 2015, 36, 4247-4261.	1.9	31
24	Robust multi-atlas label propagation by deep sparse representation. <i>Pattern Recognition</i> , 2017, 63, 511-517.	5.1	31
25	Dysfunctional interactions between the default mode network and the dorsal attention network in subtypes of amnesic mild cognitive impairment. <i>Aging</i> , 2019, 11, 9147-9166.	1.4	28
26	Multicenter dataset of multi-shell diffusion MRI in healthy traveling adults with identical settings. <i>Scientific Data</i> , 2020, 7, 157.	2.4	27
27	Altered thalamic functional connectivity in multiple sclerosis. <i>European Journal of Radiology</i> , 2015, 84, 703-708.	1.2	23
28	Uncovering the Neural Mechanisms Underlying Learning from Tests. <i>PLoS ONE</i> , 2014, 9, e92025.	1.1	22
29	White Matter Abnormalities in Two Different Subtypes of Amnesic Mild Cognitive Impairment. <i>PLoS ONE</i> , 2017, 12, e0170185.	1.1	20
30	Reproducibility of multi-shell diffusion tractography on traveling subjects: A multicenter study prospective. <i>Magnetic Resonance Imaging</i> , 2019, 59, 1-9.	1.0	20
31	Prefrontal and parietal activity is modulated by the rule complexity of inductive reasoning and can be predicted by a cognitive model. <i>Neuropsychologia</i> , 2015, 66, 67-74.	0.7	18
32	White matter atrophy in brain of neuromyelitis optica: a voxel-based morphometry study. <i>Acta Radiologica</i> , 2014, 55, 589-593.	0.5	17
33	Learning Brain Connectivity Sub-networks by Group- Constrained Sparse Inverse Covariance Estimation for Alzheimer's Disease Classification. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 58.	1.3	17
34	Activity in the fronto-parietal network indicates numerical inductive reasoning beyond calculation: An fMRI study combined with a cognitive model. <i>Scientific Reports</i> , 2016, 6, 25976.	1.6	16
35	Neural substrates of data-driven scientific discovery: An fMRI study during performance of number series completion task. <i>Science China Life Sciences</i> , 2011, 54, 466-473.	2.3	15
36	Baseline brain activity changes in patients with clinically isolated syndrome revealed by resting-state functional MRI. <i>Acta Radiologica</i> , 2012, 53, 1073-1078.	0.5	15

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37	Altered Spontaneous Brain Activity in Cortical and Subcortical Regions in Parkinson's Disease. <i>Parkinson's Disease</i> , 2016, 2016, 1-6.	0.6	14
38	Multi-source brain computing with systematic fusion for smart health. <i>Information Fusion</i> , 2021, 75, 150-167.	11.7	14
39	Learning Effective Connectivity Network Structure from fMRI Data Based on Artificial Immune Algorithm. <i>PLoS ONE</i> , 2016, 11, e0152600.	1.1	13
40	Involvement of the dorsal and ventral attention networks in visual attention span. <i>Human Brain Mapping</i> , 2022, 43, 1941-1954.	1.9	12
41	Different Neural Systems Contribute to Semantic Bias and Conflict Detection in the Inclusion Fallacy Task. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 797.	1.0	11
42	Evaluating the association between brain atrophy, hypometabolism, and cognitive decline in Alzheimer's disease: a PET/MRI study. <i>Aging</i> , 2021, 13, 7228-7246.	1.4	11
43	Mapping the patterns of cortical thickness in single- and multiple-domain amnesic mild cognitive impairment patients: a pilot study. <i>Aging</i> , 2019, 11, 10000-10015.	1.4	11
44	Neuropsychopharmacological effects of midazolam on the human brain. <i>Brain Informatics</i> , 2020, 7, 15.	1.8	10
45	Deterioration from healthy to mild cognitive impairment and Alzheimer's disease mirrored in corresponding loss of centrality in directed brain networks. <i>Brain Informatics</i> , 2019, 6, 8.	1.8	9
46	Using arterial spin labeling perfusion MRI to explore how midazolam produces anterograde amnesia. <i>Neuroscience Letters</i> , 2012, 522, 113-117.	1.0	8
47	Decreased Cerebral Blood Flow in Mesial Thalamus and Precuneus/PCC during Midazolam Induced Sedation Assessed with ASL. <i>Neuroinformatics</i> , 2018, 16, 403-410.	1.5	8
48	Altered Brain Structure and Functional Connectivity of Primary Visual Cortex in Optic Neuritis. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 473.	1.0	7
49	Feature selection of fMRI data based on normalized mutual information and fisher discriminant ratio. <i>Journal of X-Ray Science and Technology</i> , 2016, 24, 467-475.	0.7	6
50	The Effect of Light Sedation with Midazolam on Functional Connectivity of the Dorsal Attention Network. <i>Brain Sciences</i> , 2021, 11, 1107.	1.1	6
51	Neural correlates of improved inductive reasoning ability in abacus-trained children: A resting state fMRI study. <i>PsyCh Journal</i> , 2021, 10, 566-573.	0.5	5
52	Improved Gray Matter Atrophy Detection in Alzheimer Disease in Chinese Populations Using Chinese Brain Template. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 309-313.	0.6	4
53	Altered multimodal magnetic resonance parameters of basal nucleus of Meynert in Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1919-1929.	1.7	3
54	Involvement of the Right Dorsolateral Prefrontal Cortex in Numerical Rule Induction: A Transcranial Direct Current Stimulation Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 566675.	1.0	3

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55	Exploring the Brain Information Processing Mechanisms from Functional Connectivity to Translational Applications. Lecture Notes in Computer Science, 2021, , 99-111.	1.0	3
56	Exploring the Relationship between Gray and White Matter in Healthy Adults: A Hybrid Research of Cortical Reconstruction and Tractography. BioMed Research International, 2021, 2021, 1-9.	0.9	3
57	Multi-Atlas Based Segmentation of Brainstem Nuclei from MR Images by Deep Hyper-Graph Learning. Lecture Notes in Computer Science, 2016, 9993, 51-59.	1.0	3
58	Baseline Brain Activity Changes in Patients With Single and Relapsing Optic Neuritis. Frontiers in Human Neuroscience, 2018, 12, 144.	1.0	2
59	Reproducibility of volume and asymmetry measurements of hippocampus, amygdala, and entorhinal cortex on traveling volunteers: a multisite MP2RAGE prospective study. Acta Radiologica, 2021, 62, 1381-1390.	0.5	2
60	An ant colony optimization algorithm for learning brain effective connectivity network from fMRI data. , 2016, , .		1
61	ERP Characteristics of Inducing Rule Validity in Number Series Under Time Pressure. Perceptual and Motor Skills, 2021, 128, 1877-1904.	0.6	1
62	Improving segmentation reliability of multi-scanner brain images using a generative adversarial network. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1775-1786.	1.1	1
63	Development of multimodal neuroimaging markers for neurological disorders “ Part 1. Journal of X-Ray Science and Technology, 2016, 24, 281-283.	0.7	0
64	Development of multimodal neuroimaging markers for neurological disorders “ Part 2. Journal of X-Ray Science and Technology, 2016, 24, 439-441.	0.7	0
65	Visualizing the neuroanatomical changes in Han Chinese adulthood: A pseudo-longitudinal study based on age-related large-scale statistical Chinese brain atlases. Brain Science Advances, 2019, 5, 106-116.	0.3	0
66	Constructing Connectome Atlas by Graph Laplacian Learning. Neuroinformatics, 2021, 19, 233-249.	1.5	0
67	Age-related increase in brain activity during task-related and -negative networks and numerical inductive reasoning. International Journal of Clinical and Experimental Pathology, 2014, 7, 5960-7.	0.5	0
68	Perceived danger associated with a property modulates cross category generalization. Cognitive Neurodynamics, 0, , 1.	2.3	0