

Lihong Wang

List of Publications by Year in descending order

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77
papers

6,450
citations

147801

31
h-index

74163

75
g-index

77
all docs

77
docs citations

77
times ranked

8926
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	7.1	2,703
2	Identification of MCI individuals using structural and functional connectivity networks. NeuroImage, 2012, 59, 2045-2056.	4.2	334
3	Enriched white matter connectivity networks for accurate identification of MCI patients. NeuroImage, 2011, 54, 1812-1822.	4.2	191
4	Prefrontal mechanisms for executive control over emotional distraction are altered in major depression. Psychiatry Research - Neuroimaging, 2008, 163, 143-155.	1.8	172
5	Group-constrained sparse fMRI connectivity modeling for mild cognitive impairment identification. Brain Structure and Function, 2014, 219, 641-656.	2.3	160
6	DICCCOL: Dense Individualized and Common Connectivity-Based Cortical Landmarks. Cerebral Cortex, 2013, 23, 786-800.	2.9	153
7	Cortical Deactivation in Mild Cognitive Impairment: High-Field-Strength Functional MR Imaging. Radiology, 2007, 245, 224-235.	7.3	138
8	Role of the inferior frontal cortex in coping with distracting emotions. NeuroReport, 2006, 17, 1591-1594.	1.2	137
9	Psychological and neural mechanisms of trait mindfulness in reducing depression vulnerability. Social Cognitive and Affective Neuroscience, 2013, 8, 56-64.	3.0	136
10	Altered Cerebellar-Cerebral Functional Connectivity in Geriatric Depression. PLoS ONE, 2011, 6, e20035.	2.5	127
11	Resting-State Multi-Spectrum Functional Connectivity Networks for Identification of MCI Patients. PLoS ONE, 2012, 7, e37828.	2.5	127
12	Opposing influences of emotional and non-emotional distracters upon sustained prefrontal cortex activity during a delayed-response working memory task. Neuropsychologia, 2008, 46, 326-335.	1.6	117
13	Amygdala Activation to Sad Pictures During High-Field (4 Tesla) Functional Magnetic Resonance Imaging.. Emotion, 2005, 5, 12-22.	1.8	102
14	Role of inflammation in depression relapse. Journal of Neuroinflammation, 2019, 16, 90.	7.2	102
15	Delivering Happiness: Translating Positive Psychology Intervention Research for Treating Major and Minor Depressive Disorders. Journal of Alternative and Complementary Medicine, 2011, 17, 675-683.	2.1	96
16	Neural networks and the anti-inflammatory effect of transcutaneous auricular vagus nerve stimulation in depression. Journal of Neuroinflammation, 2020, 17, 54.	7.2	86
17	Prognostic Value of Posteromedial Cortex Deactivation in Mild Cognitive Impairment. PLoS ONE, 2007, 2, e1104.	2.5	80
18	Depressive State- and Disease-Related Alterations in Neural Responses to Affective and Executive Challenges in Geriatric Depression. American Journal of Psychiatry, 2008, 165, 863-871.	7.2	69

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19	Mood Alters Amygdala Activation to Sad Distractors During an Attentional Task. <i>Biological Psychiatry</i> , 2006, 60, 1139-1146.	1.3	65
20	Connectome-scale assessments of structural and functional connectivity in MCI. <i>Human Brain Mapping</i> , 2014, 35, 2911-2923.	3.6	65
21	Structural Integrity of the Uncinate Fasciculus and Resting State Functional Connectivity of the Ventral Prefrontal Cortex in Late Life Depression. <i>PLoS ONE</i> , 2011, 6, e22697.	2.5	64
22	The Impact of Anxiety-Inducing Distraction on Cognitive Performance: A Combined Brain Imaging and Personality Investigation. <i>PLoS ONE</i> , 2010, 5, e14150.	2.5	61
23	Decreased Resting-State Activity in the Precuneus Is Associated With Depressive Episodes in Recurrent Depression. <i>Journal of Clinical Psychiatry</i> , 2017, 78, e372-e382.	2.2	61
24	Abnormal spontaneous neural activity in the anterior insular and anterior cingulate cortices in anxious depression. <i>Behavioural Brain Research</i> , 2015, 281, 339-347.	2.2	58
25	Effect of Bupropion Extended Release on Negative Emotion Processing in Major Depressive Disorder. <i>Journal of Clinical Psychiatry</i> , 2007, 68, 261-267.	2.2	57
26	Neural correlates of cognitive and affective processing in maltreated youth with posttraumatic stress symptoms: Does gender matter?. <i>Development and Psychopathology</i> , 2014, 26, 491-513.	2.3	54
27	Neural activities during Wisconsin Card Sorting Test "MEG observation. <i>Cognitive Brain Research</i> , 2001, 12, 19-31.	3.0	40
28	Multiple Neuroimaging Measures for Examining Exercise-induced Neuroplasticity in Older Adults: A Quasi-experimental Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 102.	3.4	39
29	Increased Salience Network Activity in Patients With Insomnia Complaints in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 93.	2.6	38
30	Nicotine withdrawal modulates frontal brain function during an affective Stroop task. <i>Psychopharmacology</i> , 2012, 220, 707-718.	3.1	37
31	Constrained Sparse Functional Connectivity Networks for MCI Classification. <i>Lecture Notes in Computer Science</i> , 2012, 15, 212-219.	1.3	36
32	Visual event-related potentials in progressive supranuclear palsy, corticobasal degeneration, striatonigral degeneration, and Parkinson's disease. <i>Journal of Neurology</i> , 2000, 247, 356-363.	3.6	33
33	Neural Correlates Associated With Cognitive Decline in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2012, 20, 653-663.	1.2	33
34	Decreased between-hemisphere connectivity strength and network efficiency in geriatric depression. <i>Human Brain Mapping</i> , 2017, 38, 53-67.	3.6	33
35	The correlation between P300 alterations and regional cerebral blood flow in non-demented Parkinson's disease. <i>Neuroscience Letters</i> , 2000, 282, 133-136.	2.1	31
36	Electrophysiological correlates of fearful and sad distraction on target processing in adolescents with attention deficit-hyperactivity symptoms and affective disorders. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 119.	2.1	31

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37	Negative Affectivity, Aging, and Depression: Results From the Neurobiology of Late-Life Depression (NBOLD) Study. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 1135-1149.	1.2	31
38	Current research and emerging directions in emotion-cognition interactions. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 83.	2.1	30
39	Maintenance and Representation of Mind Wandering during Resting-State fMRI. <i>Scientific Reports</i> , 2017, 7, 40722.	3.3	30
40	Do P1 and N1 evoked by the ERP task reflect primary visual processing in Parkinson's disease?. <i>Documenta Ophthalmologica</i> , 2001, 102, 1-9.	2.2	29
41	Functional imaging of emotion reactivity in opiate-dependent borderline personality disorder.. <i>Personality Disorders: Theory, Research, and Treatment</i> , 2011, 2, 230-241.	1.3	29
42	Smoking abstinence and depressive symptoms modulate the executive control system during emotional information processing. <i>Addiction Biology</i> , 2012, 17, 668-679.	2.6	29
43	Abnormal degree centrality of functional hubs associated with negative coping in older Chinese adults who lost their only child. <i>Biological Psychology</i> , 2015, 112, 46-55.	2.2	27
44	Loss of Sustained Activity in the Ventromedial Prefrontal Cortex in Response to Repeated Stress in Individuals with Early-Life Emotional Abuse: Implications for Depression Vulnerability. <i>Frontiers in Psychology</i> , 2013, 4, 320.	2.1	26
45	Effects of physical exercise on the aging brain across imaging modalities: A meta-analysis of neuroimaging studies in randomized controlled trials. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1148-1157.	2.7	25
46	Frontoparietal attentional network activation differs between smokers and nonsmokers during affective cognition. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 57-63.	1.8	23
47	Early sensory information processes are enhanced on visual oddball and S1-S2 tasks in Parkinson's disease: a visual event-related potentials study. <i>Parkinsonism and Related Disorders</i> , 2003, 9, 329-340.	2.2	22
48	Neural substrates for processing task-irrelevant sad images in adolescents. <i>Developmental Science</i> , 2008, 11, 23-32.	2.4	20
49	Exploring common changes after acute mental stress and acute tryptophan depletion: Resting-state fMRI studies. <i>Journal of Psychiatric Research</i> , 2019, 113, 172-180.	3.1	20
50	Physical exercise increases involvement of motor networks as a compensatory mechanism during a cognitively challenging task. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 1153-1159.	2.7	19
51	The effect of acute tryptophan depletion on emotional distraction and subsequent memory. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 357-368.	3.0	17
52	Increased ventromedial prefrontal cortex activity and connectivity predict poor sertraline treatment outcome in late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 730-737.	2.7	17
53	Task difficulty modulates brain activation in the emotional oddball task. <i>Brain Research</i> , 2017, 1664, 74-86.	2.2	16
54	Recent advances in the use of imaging in psychiatry: functional magnetic resonance imaging of large-scale brain networks in late-life depression. <i>F1000Research</i> , 2019, 8, 1366.	1.6	14

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55	Visual event-related potentials under different interstimulus intervals in Parkinson's disease: Relation to motor disability, WAIS-R, and regional cerebral blood flow. <i>Parkinsonism and Related Disorders</i> , 2005, 11, 209-219.	2.2	13
56	Resting-state mapping of neural signatures of vulnerability to depression relapse. <i>Journal of Affective Disorders</i> , 2019, 250, 371-379.	4.1	13
57	Altered Synchronizations among Neural Networks in Geriatric Depression. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	12
58	Atomic connectomics signatures for characterization and differentiation of mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2015, 9, 663-677.	2.1	12
59	Fine-Granularity Functional Interaction Signatures for Characterization of Brain Conditions. <i>Neuroinformatics</i> , 2013, 11, 301-317.	2.8	11
60	Structural brain changes and neuroticism in late-life depression: a neural basis for depression subtypes. <i>International Psychogeriatrics</i> , 2021, 33, 515-520.	1.0	11
61	Visual event-related potential changes in two subtypes of multiple system atrophy, MSA-C and MSA-P. <i>Journal of Neurology</i> , 2002, 249, 975-982.	3.6	10
62	Functional connectivity predictors of acute depression treatment outcome. <i>International Psychogeriatrics</i> , 2019, 31, 1831-1835.	1.0	10
63	Increased prefrontal cortex connectivity associated with depression vulnerability and relapse. <i>Journal of Affective Disorders</i> , 2022, 304, 133-141.	4.1	10
64	Does Elicitation Method Matter? Behavioral and Neuroimaging Evidence from Capacity Allocation Game. <i>Production and Operations Management</i> , 2016, 25, 919-934.	3.8	9
65	A New Measure for Neural Compensation Is Positively Correlated With Working Memory and Gait Speed. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 71.	3.4	8
66	Dynamic changes in thalamic connectivity following stress and its association with future depression severity. <i>Brain and Behavior</i> , 2019, 9, e01445.	2.2	8
67	Predictive models of resting state networks for assessment of altered functional connectivity in mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2014, 8, 542-557.	2.1	7
68	Brain Imaging Investigation of the Impairing Effect of Emotion on Cognition. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	6
69	Dual-TRACER: High resolution fMRI with constrained evolution reconstruction. <i>NeuroImage</i> , 2018, 164, 172-182.	4.2	6
70	Cognitive variability, brain aging, and cognitive decline in late-life major depression. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 665-676.	2.7	5
71	Event-related potentials during visual S1-S2 paradigm in multiple system atrophy: relation to morphologic changes on brain MRI measurement. <i>Parkinsonism and Related Disorders</i> , 2003, 10, 93-100.	2.2	2
72	Physical Exercise-Induced Improvement in Gait Speed and Interoceptive-Exteroceptive Network Synchronization. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, S137-S138.	1.2	2

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73	Do P1 and N1 evoked by the ERP task reflect primary visual processing in Parkinson's disease?. Documenta Ophthalmologica, 2001, 102, 83-93.	2.2	2
74	A magnetoencephalographic study on Wisconsin Card Sorting Test. International Congress Series, 2002, 1232, 535-541.	0.2	1
75	Deep Factor Regression For Computer-Aided Analysis of Major Depressive Disorders With Structural MRI Data. , 2021, , .		1
76	Effects of continuous endotracheal-laryngopharynx topical anesthesia on the general anesthetic requirements during surgery. Translational Cancer Research, 2020, 9, 4968-4975.	1.0	1
77	Effect and neural mechanisms of the transcutaneous vagus nerve stimulation for relapse prevention in patients with remitted major depressive disorder: protocol for a longitudinal study. BMJ Open, 2022, 12, e050446.	1.9	0