Chaozhe Zhu

List of Publications by Year
in descending order

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68	11,249	101384	106150
papers	citations	36 h-index	65 g-index

73	73	73	11384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A parallel-group study of near-infrared spectroscopy-neurofeedback in children with attention deficit hyperactivity disorder. Psychiatry Research, 2022, 309, 114364.	1.7	6
2	A scalp-measurement based parameter space: Towards locating TMS coils in a clinically-friendly way. Brain Stimulation, 2022, 15, 924-926.	0.7	11
3	Dyad sex composition effect on inter-brain synchronization in face-to-face cooperation. Brain Imaging and Behavior, 2021, 15, 1667-1675.	1.1	10
4	Functional near-infrared spectroscopy (fNIRS) as a tool to assist the diagnosis of major psychiatric disorders in a Chinese population. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 745-757.	1.8	24
5	Transcranial brain atlasâ€based optimization for functional nearâ€infrared spectroscopy optode arrangement: Theory, algorithm, and application. Human Brain Mapping, 2021, 42, 1657-1669.	1.9	7
6	Improving Emotion Regulation Through Real-Time Neurofeedback Training on the Right Dorsolateral Prefrontal Cortex: Evidence From Behavioral and Brain Network Analyses. Frontiers in Human Neuroscience, 2021, 15, 620342.	1.0	11
7	Functional Near-Infrared Spectroscopy Neurofeedback of Cortical Target Enhances Hippocampal Activation and Memory Performance. Neuroscience Bulletin, 2021, 37, 1251-1255.	1.5	0
8	Transcranial brain atlas for school-aged children and adolescents. Brain Stimulation, 2021, 14, 895-905.	0.7	5
9	NIRS-ICA: A MATLAB Toolbox for Independent Component Analysis Applied in fNIRS Studies. Frontiers in Neuroinformatics, 2021, 15, 683735.	1.3	4
10	From reversal to normal: Robust improvement in conflict adaptation through real-time functional near infrared spectroscopy-based neurofeedback training. Neuropsychologia, 2021, 157, 107866.	0.7	7
11	Team-work, Team-brain: Exploring synchrony and team interdependence in a nine-person drumming task via multiparticipant hyperscanning and inter-brain network topology with fNIRS. NeuroImage, 2021, 237, 118147.	2.1	36
12	Functional Near-Infrared Spectroscopy Neurofeedback Enhances Human Spatial Memory. Frontiers in Human Neuroscience, 2021, 15, 681193.	1.0	5
13	NIRS-KIT: a MATLAB toolbox for both resting-state and task fNIRS data analysis. Neurophotonics, 2021, 8, 010802.	1.7	73
14	Targeting brain functions from the scalp: Transcranial brain atlas based on large-scale fMRI data synthesis. NeuroImage, 2020, 210, 116550.	2.1	13
15	Assessing autism at its social and developmental roots: A review of Autism Spectrum Disorder studies using functional near-infrared spectroscopy. NeuroImage, 2019, 185, 955-967.	2.1	41
16	Assessing Brain Networks by Resting-State Dynamic Functional Connectivity: An fNIRS-EEG Study. Frontiers in Neuroscience, 2019, 13, 1430.	1.4	19
17	Functional near-infrared spectroscopy-informed neurofeedback: regional-specific modulation of lateral orbitofrontal activation and cognitive flexibility. Neurophotonics, 2019, 6, 1.	1.7	21
18	Holistic cognitive and neural processes: a fNIRS-hyperscanning study on interpersonal sensorimotor synchronization. Social Cognitive and Affective Neuroscience, 2018, 13, 1141-1154.	1.5	30

#	Article	IF	Citations
19	Transcranial brain atlas. Science Advances, 2018, 4, eaar6904.	4.7	23
20	Feasibility of Functional Near-Infrared Spectroscopy (fNIRS) to Investigate the Mirror Neuron System: An Experimental Study in a Real-Life Situation. Frontiers in Human Neuroscience, 2018, 12, 86.	1.0	58
21	Intersession Instability in fNIRS-Based Emotion Recognition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1324-1333.	2.7	22
22	Testâ€“retest reliability of the prefrontal response to affective pictures based on functional near-infrared spectroscopy. Journal of Biomedical Optics, 2017, 22, 016011.	1.4	11
23	Independent component analysis-based source-level hyperlink analysis for two-person neuroscience studies. Journal of Biomedical Optics, 2017, 22, 027004.	1.4	9
24	A Gaussian mixture model based adaptive classifier for fNIRS brainâ€“computer interfaces and its testing via simulation. Journal of Neural Engineering, 2017, 14, 046014.	1.8	5
25	Semi-automatic 10/20 Identification Method for MRI-Free Probe Placement in Transcranial Brain Mapping Techniques. Frontiers in Neuroscience, 2017, 11, 4.	1.4	26
26	Frontal Cortical Asymmetry May Partially Mediate the Influence of Social Power on Anger Expression. Frontiers in Psychology, 2016, 7, 73.	1.1	8
27	Interpersonal brain synchronization in the right temporo-parietal junction during face-to-face economic exchange. Social Cognitive and Affective Neuroscience, 2016, 11, 23-32.	1.5	148
28	Cluster imaging of multi-brain networks (CIMBN): a general framework for hyperscanning and modeling a group of interacting brains. Frontiers in Neuroscience, 2015, 9, 267.	1.4	37
29	Reappraisal writing relieves social anxiety and may be accompanied by changes in frontal alpha asymmetry. Frontiers in Psychology, 2015, 6, 1604.	1.1	15
30	Interaction of multiple networks modulated by the working memory training based on real-time fMRI. Proceedings of SPIE, 2015, , .	0.8	0
31	Multiregional functional near-infrared spectroscopy reveals globally symmetrical and frequency-specific patterns of superficial interference. Biomedical Optics Express, 2015, 6, 2786.	1.5	31
32	Dynamic brain structural changes after left hemisphere subcortical stroke. Human Brain Mapping, 2013, 34, 1872-1881.	1.9	81
33	Cross-Brain Neurofeedback: Scientific Concept and Experimental Platform. PLoS ONE, 2013, 8, e64590.	1.1	47
34	Neural correlates of comprehension and production of nouns and verbs in Chinese. Brain and Language, 2012, 122, 126-131.	0.8	17
35	Neural Synchronization during Face-to-Face Communication. Journal of Neuroscience, 2012, 32, 16064-16069.	1.7	357
36	Quantitative comparison of resting-state functional connectivity derived from fNIRS and fMRI: A simultaneous recording study. NeuroImage, 2012, 60, 2008-2018.	2.1	105

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37	Classification of Types of Stuttering Symptoms Based on Brain Activity. PLoS ONE, 2012, 7, e39747.	1.1	42
38	Determination of Dominant Frequency of Resting-State Brain Interaction within One Functional System. PLoS ONE, 2012, 7, e51584.	1.1	12
39	Erratum to â€œAltered baseline brain activity in children with ADHD revealed by resting-state functional MRIâ€•[Brain Develop 29 (2) (2007) 83â€“91]. Brain and Development, 2012, 34, 336.	0.6	21
40	Abnormal functional connectivity between the anterior cingulate and the default mode network in drug-naÃ¯ve boys with attention deficit hyperactivity disorder. Psychiatry Research - Neuroimaging, 2012, 201, 120-127.	0.9	147
41	Resting-State Brain Activity in Adult Males Who Stutter. PLoS ONE, 2012, 7, e30570.	1.1	68
42	Testâ€“retest assessment of independent component analysis-derived resting-state functional connectivity based on functional near-infrared spectroscopy. NeuroImage, 2011, 55, 607-615.	2.1	87
43	Is resting-state functional connectivity revealed by functional near-infrared spectroscopy test-retest reliable?. Journal of Biomedical Optics, 2011, 16, 067008.	1.4	34
44	Resting-state functional connectivity assessed with two diffuse optical tomographic systems. Journal of Biomedical Optics, 2011, 16, 046006.	1.4	45
45	REST: A Toolkit for Resting-State Functional Magnetic Resonance Imaging Data Processing. PLoS ONE, 2011, 6, e25031.	1.1	1,710
46	Sex- and Brain Sizeâ€“Related Small-World Structural Cortical Networks in Young Adults: A DTI Tractography Study. Cerebral Cortex, 2011, 21, 449-458.	1.6	231
47	Convergent Evidence from Multimodal Imaging Reveals Amygdala Abnormalities in Schizophrenic Patients and Their First-Degree Relatives. PLoS ONE, 2011, 6, e28794.	1.1	39
48	The macrostructural and microstructural abnormalities of corpus callosum in children with attention deficit/hyperactivity disorder: A combined morphometric and diffusion tensor MRI study. Brain Research, 2010, 1310, 172-180.	1.1	82
49	Use of fNIRS to assess resting state functional connectivity. Journal of Neuroscience Methods, 2010, 186, 242-249.	1.3	235
50	Detecting resting-state functional connectivity in the language system using functional near-infrared spectroscopy. Journal of Biomedical Optics, 2010, 15, 047003.	1.4	66
51	Dynamic functional reorganization of the motor execution network after stroke. Brain, 2010, 133, 1224-1238.	3.7	547
52	Functional connectivity as revealed by independent component analysis of resting-state fNIRS measurements. NeuroImage, 2010, 51, 1150-1161.	2.1	144
53	Subject order-independent group ICA (SOI-GICA) for functional MRI data analysis. NeuroImage, 2010, 51, 1414-1424.	2.1	50
54	Uncovering Intrinsic Modular Organization of Spontaneous Brain Activity in Humans. PLoS ONE, 2009, 4, e5226.	1.1	578

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55	Abnormal resting-state functional connectivity patterns of the putamen in medication-naÃ¯ve children with attention deficit hyperactivity disorder. Brain Research, 2009, 1303, 195-206.	1.1	184
56	Altered smallâ€world brain functional networks in children with attentionâ€deficit/hyperactivity disorder. Human Brain Mapping, 2009, 30, 638-649.	1.9	431
57	Parcellationâ€dependent smallâ€world brain functional networks: A restingâ€state fMRI study. Human Brain Mapping, 2009, 30, 1511-1523.	1.9	585
58	A longitudinal diffusion tensor imaging study on Wallerian degeneration of corticospinal tract after motor pathway stroke. NeuroImage, 2009, 47, 451-458.	2.1	203
59	Hemispheric asymmetry in cognitive division of anterior cingulate cortex: A resting-state functional connectivity study. NeuroImage, 2009, 47, 1579-1589.	2.1	76
60	An improved approach to detection of amplitude of low-frequency fluctuation (ALFF) for resting-state fMRI: Fractional ALFF. Journal of Neuroscience Methods, 2008, 172, 137-141.	1.3	1,617
61	Alerting deficits in children with attention deficit/hyperactivity disorder: Event-related fMRI evidence. Brain Research, 2008, 1219, 159-168.	1.1	72
62	Fisher discriminative analysis of resting-state brain function for attention-deficit/hyperactivity disorder. NeuroImage, 2008, 40, 110-120.	2.1	217
63	Correlations in spontaneous activity and gray matter density between left and right sensoritmotor areas of pianists. NeuroReport, 2008, 19, 631-634.	0.6	13
64	Altered baseline brain activity in children with ADHD revealed by resting-state functional MRI. Brain and Development, 2007, 29, 83-91.	0.6	2,118
65	Side and handedness effects on the cingulum from diffusion tensor imaging. NeuroReport, 2005, 16, 1701-1705.	0.6	48
66	Asymmetry analysis of cingulum based on scale-invariant parameterization by diffusion tensor imaging. Human Brain Mapping, 2005, 24, 92-98.	1.9	140
67	Advances on Medical Imaging and Computing. Lecture Notes in Computer Science, 2005, , 13-23.	1.0	0
68	Multicontext fuzzy clustering for separation of brain tissues in magnetic resonance images. NeuroImage, 2003, 18, 685-696.	2.1	77