

Baolin Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

452
citations

13
h-index

18
g-index

55
ext. papers

577
ext. citations

3.9
avg, IF

3.89
L-index

#	Paper	IF	Citations
51	A Convolutional Neural Network Combined With Prototype Learning Framework for Brain Functional Network Classification of Autism Spectrum Disorder. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 2193-2202	4.8	0
50	Neural interactions in occipitotemporal cortex during basic human movement perception by dynamic causal modeling. <i>Brain Imaging and Behavior</i> , 2021 , 15, 231-243	4.1	1
49	Utility maximization data scheduling in drone-assisted vehicular networks. <i>Computer Communications</i> , 2021 , 175, 68-81	5.1	4
48	Spatiotemporal dynamics of working memory under the influence of emotions based on EEG. <i>Journal of Neural Engineering</i> , 2020 , 17, 026039	5	2
47	Revealing the differences of the representations of sounds from different directions in the human brain using functional connectivity. <i>Neuroscience Letters</i> , 2020 , 718, 134746	3.3	
46	What and where in the auditory systems of sighted and early blind individuals: Evidence from representational similarity analysis. <i>Journal of the Neurological Sciences</i> , 2020 , 413, 116805	3.2	1
45	Stage detection of mild cognitive impairment via fMRI using Hilbert Huang transform based classification framework. <i>Medical Physics</i> , 2020 , 47, 2902-2915	4.4	6
44	Investigating the Impact of the Missing Significant Objects in Scene Recognition Using Multivariate Pattern Analysis. <i>Frontiers in Neurorobotics</i> , 2020 , 14, 597471	3.4	
43	Cross-Subject Commonality of Emotion Representations in Dorsal Motion-Sensitive Areas. <i>Frontiers in Neuroscience</i> , 2020 , 14, 567797	5.1	0
42	Sex Differences in Spatial Memory. <i>Neuroscience</i> , 2020 , 443, 140-147	3.9	3
41	Decoding sound categories based on whole-brain functional connectivity patterns. <i>Brain Imaging and Behavior</i> , 2020 , 14, 100-109	4.1	2
40	Cross-modal representations in early visual and auditory cortices revealed by multi-voxel pattern analysis. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1908-1920	4.1	3
39	Revealing the multisensory modulation of auditory stimulus in degraded visual object recognition by dynamic causal modeling. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1187-1198	4.1	1
38	An investigation of the neural association between auditory imagery and perception of complex sounds. <i>Brain Structure and Function</i> , 2019 , 224, 2925-2937	4	4
37	Modality-general representations of valences perceived from visual and auditory modalities. <i>NeuroImage</i> , 2019 , 203, 116199	7.9	2
36	Network Representations of Facial and Bodily Expressions: Evidence From Multivariate Connectivity Pattern Classification. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1111	5.1	2
35	Decoding natural scenes based on sounds of objects within scenes using multivariate pattern analysis. <i>Neuroscience Research</i> , 2019 , 148, 9-18	2.9	1

34	Semantically Congruent Sounds Facilitate the Decoding of Degraded Images. <i>Neuroscience</i> , 2018 , 377, 12-25	3.9	1
33	Investigating the neural basis of basic human movement perception using multi-voxel pattern analysis. <i>Experimental Brain Research</i> , 2018 , 236, 907-918	2.3	8
32	Revealing the Semantic Association between Perception of Scenes and Significant Objects by Representational Similarity Analysis. <i>Neuroscience</i> , 2018 , 372, 87-96	3.9	2
31	Brain Regional Homogeneity Changes in Cirrhotic Patients with or without Hepatic Encephalopathy Revealed by Multi-Frequency Bands Analysis Based on Resting-State Functional MRI. <i>Korean Journal of Radiology</i> , 2018 , 19, 452-462	6.9	5
30	Multivariate Pattern Classification of Facial Expressions Based on Large-Scale Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 94	3.3	11
29	Multivariate Classification of Major Depressive Disorder Using the Effective Connectivity and Functional Connectivity. <i>Frontiers in Neuroscience</i> , 2018 , 12, 38	5.1	23
28	Investigating the Brain Neural Mechanism when Signature Objects were Masked during a Scene Categorization Task using Functional MRI. <i>Neuroscience</i> , 2018 , 388, 248-262	3.9	2
27	Impact of previous episodes of hepatic encephalopathy on short-term brain function recovery after liver transplantation: a functional connectivity strength study. <i>Metabolic Brain Disease</i> , 2018 , 33, 237-249	3.9	11
26	Abstract Representations of Emotions Perceived From the Face, Body, and Whole-Person Expressions in the Left Postcentral Gyrus. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 419	3.3	10
25	Decoding natural images from evoked brain activities using encoding models with invertible mapping. <i>Neural Networks</i> , 2018 , 105, 227-235	9.1	4
24	Abnormalities of voxel-based whole-brain functional connectivity patterns predict the progression of hepatic encephalopathy. <i>Brain Imaging and Behavior</i> , 2017 , 11, 784-796	4.1	18
23	Semantic integration of audio-visual information of polyphonic characters in a sentence context: an event-related potential study. <i>Experimental Brain Research</i> , 2017 , 235, 1119-1128	2.3	1
22	Investigation of the influence of emotions on working memory capacity using ERP and ERSP. <i>Neuroscience</i> , 2017 , 357, 338-348	3.9	7
21	Decoding facial expressions based on face-selective and motion-sensitive areas. <i>Human Brain Mapping</i> , 2017 , 38, 3113-3125	5.9	17
20	The short-term effect of liver transplantation on the low-frequency fluctuation of brain activity in cirrhotic patients with and without overt hepatic encephalopathy. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1849-1861	4.1	11
19	Linear Representation of Emotions in Whole Persons by Combining Facial and Bodily Expressions in the Extrastriate Body Area. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 653	3.3	8
18	Cross-modal integration of polyphonic characters in Chinese audio-visual sentences: a MVPA study based on functional connectivity. <i>Experimental Brain Research</i> , 2017 , 235, 3743-3755	2.3	1
17	Influence of auditory spatial attention on cross-modal semantic priming effect: evidence from N400 effect. <i>Experimental Brain Research</i> , 2017 , 235, 331-339	2.3	6

16	Heritability of the Effective Connectivity in the Resting-State Default Mode Network. <i>Cerebral Cortex</i> , 2017 , 27, 5626-5634	5.1	21
15	EEG gamma-band activity during audiovisual speech comprehension in different noise environments. <i>Cognitive Neurodynamics</i> , 2015 , 9, 389-98	4.2	5
14	Attentional performance is correlated with the local regional efficiency of intrinsic brain networks. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 200	3.5	12
13	Bayesian estimation of ERP components from multicondition and multichannel EEG. <i>NeuroImage</i> , 2014 , 88, 319-39	7.9	27
12	The influence of background music on recognition processes of Chinese characters: an ERP study. <i>Neuroscience Letters</i> , 2012 , 518, 80-5	3.3	14
11	Semantic integration of differently asynchronous audio-visual information in videos of real-world events in cognitive processing: an ERP study. <i>Neuroscience Letters</i> , 2011 , 498, 84-8	3.3	15
10	An ERP study on whether semantic integration exists in processing ecologically unrelated audio-visual information. <i>Neuroscience Letters</i> , 2011 , 505, 119-23	3.3	7
9	The processing of phonological, orthographical, and lexical information of Chinese characters in sentence contexts: an ERP study. <i>Brain Research</i> , 2011 , 1372, 81-91	3.7	33
8	An ERP study on whether the P600 can reflect the presence of unexpected phonology. <i>Experimental Brain Research</i> , 2011 , 212, 399-408	2.3	12
7	The influence on cognitive processing from the switches of shooting angles in videos of real-world events: an ERP study. <i>Neuroscience Letters</i> , 2010 , 469, 370-4	3.3	13
6	Cognitive processing of traffic signs in immersive virtual reality environment: An ERP study. <i>Neuroscience Letters</i> , 2010 , 485, 43-8	3.3	26
5	Emotional facilitation effect in the picture-word interference task: an ERP study. <i>Brain and Cognition</i> , 2010 , 72, 289-99	2.7	26
4	HPRD: a high performance RDF database. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2010 , 25, 123-133	1	8
3	The interaction between pictures and words: evidence from positivity offset and negativity bias. <i>Experimental Brain Research</i> , 2010 , 201, 141-53	2.3	23
2	The integration processing of the visual and auditory information in videos of real-world events: an ERP study. <i>Neuroscience Letters</i> , 2009 , 461, 7-11	3.3	21
1	An Evaluation of RDF Storage Systems for Large Data Applications 2005 ,		9