

# Jiaxiang Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,335  
citations

471371

17  
h-index

395590

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic epileptic seizure detection in EEGs based on optimized sample entropy and extreme learning machine. <i>Journal of Neuroscience Methods</i> , 2012, 210, 132-146.	1.3	218
2	Extending a biologically inspired model of choice: multi-alternatives, nonlinearity and value-based multidimensional choice. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1655-1670.	1.8	161
3	Different decision deficits impair response inhibition in progressive supranuclear palsy and Parkinson's disease. <i>Brain</i> , 2016, 139, 161-173.	3.7	88
4	Dissociable mechanisms of speed-accuracy tradeoff during visual perceptual learning are revealed by a hierarchical drift-diffusion model. <i>Frontiers in Neuroscience</i> , 2014, 8, 69.	1.4	79
5	Choosing the Rules: Distinct and Overlapping Frontoparietal Representations of Task Rules for Perceptual Decisions. <i>Journal of Neuroscience</i> , 2013, 33, 11852-11862.	1.7	71
6	Discriminating preictal and interictal brain states in intracranial EEG by sample entropy and extreme learning machine. <i>Journal of Neuroscience Methods</i> , 2016, 257, 45-54.	1.3	65
7	Automatic recognition of epileptic EEG patterns via Extreme Learning Machine and multiresolution feature extraction. <i>Expert Systems With Applications</i> , 2013, 40, 5477-5489.	4.4	64
8	Selection and inhibition mechanisms for human voluntary action decisions. <i>NeuroImage</i> , 2012, 63, 392-402.	2.1	60
9	Learning Alters the Tuning of Functional Magnetic Resonance Imaging Patterns for Visual Forms. <i>Journal of Neuroscience</i> , 2010, 30, 14127-14133.	1.7	43
10	The role of the amygdala during emotional processing in Huntington's disease: From pre-manifest to late stage disease. <i>Neuropsychologia</i> , 2015, 70, 80-89.	0.7	41
11	Spatiotemporal dynamics in human visual cortex rapidly encode the emotional content of faces. <i>Human Brain Mapping</i> , 2018, 39, 3993-4006.	1.9	38
12	Learning-dependent plasticity with and without training in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13503-13508.	3.3	32
13	Sensory attenuation in Parkinson's disease is related to disease severity and dopamine dose. <i>Scientific Reports</i> , 2018, 8, 15643.	1.6	30
14	Cognitive and White-Matter Compartment Models Reveal Selective Relations between Corticospinal Tract Microstructure and Simple Reaction Time. <i>Journal of Neuroscience</i> , 2019, 39, 5910-5921.	1.7	27
15	The role of the fornix in human navigational learning. <i>Cortex</i> , 2020, 124, 97-110.	1.1	26
16	Optimal Decision Making on the Basis of Evidence Represented in Spike Trains. <i>Neural Computation</i> , 2010, 22, 1113-1148.	1.3	25
17	The Effects of Evidence Bounds on Decision-Making: Theoretical and Empirical Developments. <i>Frontiers in Psychology</i> , 2012, 3, 263.	1.1	25
18	Recurrence quantification analysis of dynamic brain networks. <i>European Journal of Neuroscience</i> , 2021, 53, 1040-1059.	1.2	22

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19	Flexible Learning of Natural Statistics in the Human Brain. <i>Journal of Neurophysiology</i> , 2009, 102, 1854-1867.	0.9	20
20	Time on timing: Dissociating premature responding from interval sensitivity in Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 1163-1172.	2.2	20
21	A comparison of bounded diffusion models for choice in time controlled tasks. <i>Journal of Mathematical Psychology</i> , 2009, 53, 231-241.	1.0	17
22	MEG cortical microstates: Spatiotemporal characteristics, dynamic functional connectivity and stimulus-evoked responses. <i>NeuroImage</i> , 2022, 251, 119006.	2.1	17
23	Functional localization and categorization of intentional decisions in humans: A meta-analysis of brain imaging studies. <i>NeuroImage</i> , 2021, 242, 118468.	2.1	16
24	Bounded Ornstein-Uhlenbeck models for two-choice time controlled tasks. <i>Journal of Mathematical Psychology</i> , 2010, 54, 322-333.	1.0	14
25	Visual perceptual learning modulates decision network in the human brain: The evidence from psychophysics, modeling, and functional magnetic resonance imaging. <i>Journal of Vision</i> , 2018, 18, 9.	0.1	14
26	Energy landscape of resting magnetoencephalography reveals fronto-parietal network impairments in epilepsy. <i>Network Neuroscience</i> , 2020, 4, 374-396.	1.4	14
27	A large-scale brain network mechanism for increased seizure propensity in Alzheimer's disease. <i>PLoS Computational Biology</i> , 2021, 17, e1009252.	1.5	13
28	+microstate: A MATLAB toolbox for brain microstate analysis in sensor and cortical EEG/MEG. <i>NeuroImage</i> , 2022, 258, 119346.	2.1	13
29	The neural signature of information regularity in temporally extended event sequences. <i>NeuroImage</i> , 2015, 107, 266-276.	2.1	11
30	A computational biomarker of juvenile myoclonic epilepsy from resting-state MEG. <i>Clinical Neurophysiology</i> , 2021, 132, 922-927.	0.7	8
31	Monitoring the past and choosing the future: the prefrontal cortical influences on voluntary action. <i>Scientific Reports</i> , 2018, 8, 7247.	1.6	7
32	Epileptic EEG signal analysis and identification based on nonlinear features. , 2012, , .		4
33	The validity and consistency of continuous joystick response in perceptual decision-making. <i>Behavior Research Methods</i> , 2020, 52, 681-693.	2.3	4
34	Extending a biologically inspired model of choice: multi-alternatives, nonlinearity, and value-based multidimensional choice. , 0, , 91-119.		1
35	Breaking Deadlocks: Reward Probability and Spontaneous Preference Shape Voluntary Decisions and Electrophysiological Signals in Humans. <i>Computational Brain &amp; Behavior</i> , 2021, 4, 191-212.	0.9	1
36	A Computational Biomarker of Photosensitive Epilepsy from Interictal EEG. <i>ENeuro</i> , 2022, 9, ENEURO.0486-21.2022.	0.9	1

#	ARTICLE	IF	CITATIONS
37	Imperfect integration: Congruency between multiple sensory sources modulates decision-making processes. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 1566-1582.	0.7	0