

Weidong Cai

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,695
citations

304743

22
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

4129
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Global Brain Dynamics and Spatiotemporal Organization of the Salience Network. <i>PLoS Biology</i> , 2016, 14, e1002469.	5.6	388
2	Roles for the pre-supplementary motor area and the right inferior frontal gyrus in stopping action: Electrophysiological responses and functional and structural connectivity. <i>NeuroImage</i> , 2012, 59, 2860-2870.	4.2	383
3	Dissociable Roles of Right Inferior Frontal Cortex and Anterior Insula in Inhibitory Control: Evidence from Intrinsic and Task-Related Functional Parcellation, Connectivity, and Response Profile Analyses across Multiple Datasets. <i>Journal of Neuroscience</i> , 2014, 34, 14652-14667.	3.6	265
4	Deep Brain Stimulation of the Subthalamic Nucleus Alters the Cortical Profile of Response Inhibition in the Beta Frequency Band: A Scalp EEG Study in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 5721-5729.	3.6	207
5	Common and Differential Ventrolateral Prefrontal Activity during Inhibition of Hand and Eye Movements. <i>Journal of Neuroscience</i> , 2007, 27, 9893-9900.	3.6	164
6	Dysregulated Brain Dynamics in a Triple-Network Saliency Model of Schizophrenia and Its Relation to Psychosis. <i>Biological Psychiatry</i> , 2019, 85, 60-69.	1.3	141
7	Uncovering hidden brain state dynamics that regulate performance and decision-making during cognition. <i>Nature Communications</i> , 2018, 9, 2505.	12.8	123
8	Causal Interactions Within a Frontal-Cingulate-Parietal Network During Cognitive Control: Convergent Evidence from a Multisiteâ€“Multitask Investigation. <i>Cerebral Cortex</i> , 2016, 26, 2140-2153.	2.9	120
9	The role of the right presupplementary motor area in stopping action: two studies with event-related transcranial magnetic stimulation. <i>Journal of Neurophysiology</i> , 2012, 108, 380-389.	1.8	92
10	Rule-Guided Executive Control of Response Inhibition: Functional Topography of the Inferior Frontal Cortex. <i>PLoS ONE</i> , 2011, 6, e20840.	2.5	70
11	Temporal Dynamics and Developmental Maturation of Salience, Default and Central-Executive Network Interactions Revealed by Variational Bayes Hidden Markov Modeling. <i>PLoS Computational Biology</i> , 2016, 12, e1005138.	3.2	70
12	Compensatory neural mechanisms in cognitively unimpaired <scp>P</scp>arkinson disease. <i>Annals of Neurology</i> , 2016, 79, 448-463.	5.3	62
13	Microstructural organization of human insula is linked to its macrofunctional circuitry and predicts cognitive control. <i>ELife</i> , 2020, 9, .	6.0	52
14	Cortical activity during manual response inhibition guided by color and orientation cues. <i>Brain Research</i> , 2009, 1261, 20-28.	2.2	49
15	Inhibition-related modulation of salience and frontoparietal networks predicts cognitive control ability and inattention symptoms in children with ADHD. <i>Molecular Psychiatry</i> , 2021, 26, 4016-4025.	7.9	48
16	Bayesian switching factor analysis for estimating time-varying functional connectivity in fMRI. <i>NeuroImage</i> , 2017, 155, 271-290.	4.2	41
17	Evidence Supports Specific Braking Function for Inferior PFC. <i>Trends in Cognitive Sciences</i> , 2015, 19, 711-712.	7.8	40
18	Sensorimotorâ€“independent prefrontal activity during response inhibition. <i>Human Brain Mapping</i> , 2014, 35, 2119-2136.	3.6	39

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19	Aberrant Time-Varying Cross-Network Interactions in Children With Attention-Deficit/Hyperactivity Disorder and the Relation to Attention Deficits. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 263-273.	1.5	39
20	Dynamic causal brain circuits during working memory and their functional controllability. <i>Nature Communications</i> , 2021, 12, 3314.	12.8	37
21	Seeing It Is Like Touching It: Unraveling the Effective Product Presentations on Online Apparel Purchase Decisions and Brain Activity (An fMRI Study). <i>Journal of Interactive Marketing</i> , 2021, 53, 66-79.	6.2	34
22	Development and validation of consensus clustering-based framework for brain segmentation using resting fMRI. <i>Journal of Neuroscience Methods</i> , 2015, 240, 128-140.	2.5	29
23	Hyperdirect insula-basal-ganglia pathway and adult-like maturity of global brain responses predict inhibitory control in children. <i>Nature Communications</i> , 2019, 10, 4798.	12.8	29
24	Dissociable Fronto-Operculum-Insula Control Signals for Anticipation and Detection of Inhibitory Sensory Cue. <i>Cerebral Cortex</i> , 2017, 27, 4073-4082.	2.9	24
25	Insights from an autism imaging biomarker challenge: Promises and threats to biomarker discovery. <i>NeuroImage</i> , 2022, 255, 119171.	4.2	24
26	Multivariate dynamical systems-based estimation of causal brain interactions in fMRI: Group-level validation using benchmark data, neurophysiological models and human connectome project data. <i>Journal of Neuroscience Methods</i> , 2016, 268, 142-153.	2.5	21
27	Anxiety and Stress Alter Decision-Making Dynamics and Causal Amygdala-Dorsolateral Prefrontal Cortex Circuits During Emotion Regulation in Children. <i>Biological Psychiatry</i> , 2020, 88, 576-586.	1.3	21
28	Latent brain state dynamics distinguish behavioral variability, impaired decision-making, and inattention. <i>Molecular Psychiatry</i> , 2021, 26, 4944-4957.	7.9	19
29	Dopamine-related dissociation of cortical and subcortical brain activations in cognitively unimpaired Parkinson's disease patients OFF and ON medications. <i>Neuropsychologia</i> , 2018, 119, 24-33.	1.6	12
30	Latent brain state dynamics and cognitive flexibility in older adults. <i>Progress in Neurobiology</i> , 2022, 208, 102180.	5.7	10
31	Methylphenidate remediates aberrant brain network dynamics in children with attention-deficit/hyperactivity disorder: A randomized controlled trial. <i>NeuroImage</i> , 2022, 257, 119332.	4.2	9
32	F56. Task-Evoked Effective Connectivity in Salience and Central Executive Networks Predicts Cognitive Control Ability and Inattention Symptoms in Children With ADHD. <i>Biological Psychiatry</i> , 2019, 85, S234-S235.	1.3	5
33	Dopaminergic medication normalizes aberrant cognitive control circuit signalling in Parkinson's disease. <i>Brain</i> , 2022, 145, 4042-4055.	7.6	5
34	Developmental Maturation of Causal Signaling Hubs in Voluntary Control of Saccades and Their Functional Controllability. <i>Cerebral Cortex</i> , 2022, , .	2.9	0