

Yang Jiang

List of Publications by Year in descending order

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87
papers

3,077
citations

186209
28
h-index

175177
52
g-index

87
all docs

87
docs citations

87
times ranked

3883
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review of EEG-based brain-computer interface paradigms. <i>Journal of Neural Engineering</i> , 2019, 16, 011001.	1.8	512
2	Prefrontal cortex and drug abuse vulnerability: Translation to prevention and treatment interventions. <i>Brain Research Reviews</i> , 2011, 65, 124-149.	9.1	144
3	Neural Correlates of Emotional Reactivity in Sensation Seeking. <i>Psychological Science</i> , 2009, 20, 215-223.	1.8	127
4	Spectral and complexity analysis of scalp EEG characteristics for mild cognitive impairment and early Alzheimer's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 153-163.	2.6	120
5	Individual differences in cognition, affect, and performance: Behavioral, neuroimaging, and molecular genetic approaches. <i>NeuroImage</i> , 2012, 59, 70-82.	2.1	118
6	Speed of lexical decision correlates with diffusion anisotropy in left parietal and frontal white matter: Evidence from diffusion tensor imaging. <i>Neuropsychologia</i> , 2007, 45, 2439-2446.	0.7	105
7	Beyond valence and magnitude: A flexible evaluative coding system in the brain. <i>Neuropsychologia</i> , 2011, 49, 3891-3897.	0.7	84
8	Sex differences and psychological stress: responses to the COVID-19 pandemic in China. <i>BMC Public Health</i> , 2021, 21, 79.	1.2	84
9	Electrophysiological correlates of visual affective priming. <i>Brain Research Bulletin</i> , 2006, 71, 316-323.	1.4	83
10	Anxiety and outcome evaluation: The good, the bad and the ambiguous. <i>Biological Psychology</i> , 2010, 85, 200-206.	1.1	81
11	Neural Basis of Emotional Decision Making in Trait Anxiety. <i>Journal of Neuroscience</i> , 2013, 33, 18641-18653.	1.7	73
12	The effect of gap depth on the perception of whether a gap is crossable. <i>Perception & Psychophysics</i> , 1994, 56, 691-700.	2.3	71
13	Neural correlates of cross-domain affective priming. <i>Brain Research</i> , 2010, 1329, 142-151.	1.1	66
14	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. <i>Alzheimer's and Dementia</i> , 2021, 17, 1528-1553.	0.4	64
15	Monoamine oxidase A (MAOA) genotype predicts greater aggression through impulsive reactivity to negative affect. <i>Behavioural Brain Research</i> , 2015, 283, 97-101.	1.2	62
16	Sugihara causality analysis of scalp EEG for detection of early Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2015, 7, 258-265.	1.4	58
17	Impulsive personality dimensions are associated with altered behavioral performance and neural responses in the monetary incentive delay task. <i>Neuropsychologia</i> , 2017, 103, 59-68.	0.7	58
18	The shopping brain: Math anxiety modulates brain responses to buying decisions. <i>Biological Psychology</i> , 2012, 89, 201-213.	1.1	57

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19	An electrophysiological index of changes in risk decision-making strategies. <i>Neuropsychologia</i> , 2013, 51, 1397-1407.	0.7	54
20	Electrophysiological evidence for the effects of unitization on associative recognition memory in older adults. <i>Neurobiology of Learning and Memory</i> , 2015, 121, 59-71.	1.0	44
21	Resting EEG Discrimination of Early Stage Alzheimer's Disease from Normal Aging Using Inter-Channel Coherence Network Graphs. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1233-1242.	1.3	41
22	Tuning Up the Old Brain with New Tricks: Attention Training via Neurofeedback. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 52.	1.7	40
23	The effects of unitization on the contribution of familiarity and recollection processes to associative recognition memory: Evidence from event-related potentials. <i>International Journal of Psychophysiology</i> , 2015, 95, 355-362.	0.5	37
24	The impact of visual exploration on judgments of whether a gap is crossable.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1999, 25, 287-295.	0.7	35
25	The interaction of arousal and valence in affective priming: Behavioral and electrophysiological evidence. <i>Brain Research</i> , 2012, 1474, 60-72.	1.1	35
26	Human experience seeking correlates with hippocampus volume: Convergent evidence from manual tracing and voxel-based morphometry. <i>Neuropsychologia</i> , 2007, 45, 2874-2881.	0.7	33
27	Looking for reward in all the wrong places: dopamine receptor gene polymorphisms indirectly affect aggression through sensation-seeking. <i>Social Neuroscience</i> , 2016, 11, 487-494.	0.7	33
28	Age effects on brain activity during repetition priming of targets and distracters. <i>Neuropsychologia</i> , 2007, 45, 1223-1231.	0.7	32
29	Discrimination of Mild Cognitive Impairment and Alzheimer's Disease Using Transfer Entropy Measures of Scalp EEG. <i>Journal of Healthcare Engineering</i> , 2015, 6, 55-70.	1.1	32
30	Visual inertia of rotating 3-D objects. <i>Perception & Psychophysics</i> , 1998, 60, 275-286.	2.3	30
31	Linking brain electrical signals elicited by current outcomes with future risk decision-making. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 84.	1.0	28
32	Alzheimer's Biomarkers are Correlated with Brain Connectivity in Older Adults Differentially during Resting and Task States. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 15.	1.7	28
33	Woulda, coulda, shoulda: The evaluation and the impact of the alternative outcome. <i>Psychophysiology</i> , 2011, 48, 1354-1360.	1.2	27
34	A cognitive electrophysiological signature differentiates amnesic mild cognitive impairment from normal aging. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 3.	3.0	26
35	Brain potentials distinguish new and studied objects during working memory. <i>Human Brain Mapping</i> , 2008, 29, 441-452.	1.9	25
36	Brain responses to repeated visual experience among low and high sensation seekers: Role of boredom susceptibility. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 100-106.	0.9	24

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37	Functional response in ventral temporal cortex differentiates mild cognitive impairment from normal aging. <i>Human Brain Mapping</i> , 2010, 31, 1249-1259.	1.9	24
38	Age and Alzheimer's pathology disrupt default mode network functioning via alterations in white matter microstructure but not hyperintensities. <i>Cortex</i> , 2018, 104, 58-74.	1.1	24
39	Neurobiological perspectives on the nature of visual and verbal processes. <i>Journal of Consumer Psychology</i> , 2008, 18, 264-269.	3.2	23
40	Binding 3-D Object Perception in the Human Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 553-562.	1.1	23
41	Dissociable frontal controls during visible and memory-guided eye-tracking of moving targets. <i>Human Brain Mapping</i> , 2009, 30, 3541-3552.	1.9	23
42	Preliminary findings on the relation between the personality trait of stress reaction and the central neural control of human vocalization. <i>International Journal of Speech-Language Pathology</i> , 2012, 14, 377-389.	0.6	23
43	New measures to detect malingered neurocognitive deficit: Applying reaction time and event-related potentials. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 766-776.	0.8	22
44	Does emotional memory enhancement assist the memory-impaired?. <i>Frontiers in Aging Neuroscience</i> , 2012, 4, 2.	1.7	22
45	Neural correlates of perceptual priming of visual motion. <i>Brain Research Bulletin</i> , 2002, 57, 211-219.	1.4	20
46	Aging and Repetition Priming for Targets and Distracters in a Working Memory Task. <i>Aging, Neuropsychology, and Cognition</i> , 2006, 13, 552-573.	0.7	19
47	A Usability Study of Low-Cost Wireless Brain-Computer Interface for Cursor Control Using Online Linear Model. <i>IEEE Transactions on Human-Machine Systems</i> , 2020, 50, 287-297.	2.5	19
48	Sensation seeking predicts brain responses in the old "new task: Converging multimodal neuroimaging evidence. <i>International Journal of Psychophysiology</i> , 2012, 84, 260-269.	0.5	17
49	Is emotional memory enhancement preserved in amnesic mild cognitive impairment? Evidence from separating recollection and familiarity.. <i>Neuropsychology</i> , 2013, 27, 691-701.	1.0	15
50	Limbic and cortical control of phonation for speech in response to a public speech preparation stressor. <i>Brain Imaging and Behavior</i> , 2020, 14, 1696-1713.	1.1	13
51	Age-related reduction in 3-D visual motion priming.. <i>Psychology and Aging</i> , 1999, 14, 619-626.	1.4	12
52	Brain computer interface for gesture control of a social robot: An offline study. , 2017, , .		12
53	Brain connectivity evaluation during selective attention using EEG-based brain-computer interface. <i>Brain-Computer Interfaces</i> , 2019, 6, 25-35.	0.9	12
54	Altered Brain Activities Associated with Neural Repetition Effects in Mild Cognitive Impairment Patients. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 693-704.	1.2	10

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55	Decoding Attentional State to Faces and Scenes Using EEG Brainwaves. Complexity, 2019, 2019, 1-10.	0.9	10
56	Neural Correlates of Age-related Reduction in Visual Motion Priming. Aging, Neuropsychology, and Cognition, 2009, 16, 164-182.	0.7	9
57	Repeated retrieval during working memory is sensitive to amnesic mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2013, 35, 946-959.	0.8	9
58	Influence of neurobehavioral incentive valence and magnitude on alcohol drinking behavior. NeuroImage, 2015, 104, 373-385.	2.1	9
59	Differential trait and state frontal alpha asymmetry in women with premenstrual syndrome. Motivation and Emotion, 2019, 43, 883-893.	0.8	9
60	Memory-Related Frontal Brainwaves Predict Transition to Mild Cognitive Impairment in Healthy Older Individuals Five Years Before Diagnosis. Journal of Alzheimer's Disease, 2021, 79, 531-541.	1.2	9
61	Priming of two-dimensional visual motion is reduced in older adults.. Neuropsychology, 2002, 16, 140-145.	1.0	8
62	Task-related differences in temporo-parietal cortical activation during human phonatory behaviors. Neuroscience Letters, 2010, 484, 51-55.	1.0	8
63	A Real-Time Brainwave Based Neuro-Feedback System for Cognitive Enhancement. , 2015, , ,		8
64	Trait Anxiety and Economic Risk Avoidance Are Not Necessarily Associated: Evidence from the Framing Effect. Frontiers in Psychology, 2017, 8, 92.	1.1	8
65	Gauging Working Memory Capacity From Differential Resting Brain Oscillations in Older Individuals With A Wearable Device. Frontiers in Aging Neuroscience, 2021, 13, 625006.	1.7	8
66	Reduced Sensitivity of Older Adults to Affective Mismatches. Scientific World Journal, The, 2007, 7, 641-648.	0.8	7
67	Treatment effects on event-related EEG potentials and oscillations in Alzheimer's disease. International Journal of Psychophysiology, 2022, 177, 179-201.	0.5	7
68	Hemispheric Asymmetries in Tracking Occluded Moving Targets with the Mind's Eye: Simultaneous Event-Related fMRI and Eye-Movement Recording. Brain Imaging and Behavior, 2008, 2, 300-308.	1.1	6
69	The Visual Priming of Motion-Defined 3D Objects. PLoS ONE, 2015, 10, e0144730.	1.1	6
70	Functional human GRIN2B promoter polymorphism and variation of mental processing speed in older adults. Aging, 2017, 9, 1293-1306.	1.4	5
71	Sharpening Working Memory With Real-Time Electrophysiological Brain Signals: Which Neurofeedback Paradigms Work?. Frontiers in Aging Neuroscience, 2022, 14, 780817.	1.7	5
72	Priming of two-dimensional visual motion is reduced in older adults. Neuropsychology, 2002, 16, 140-5.	1.0	5

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73	Amyloid-PET Levels in the Precuneus and Posterior Cingulate Cortices Are Associated with Executive Function Scores in Preclinical Alzheimer's Disease Prior to Overt Global Amyloid Positivity. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1127-1135.	1.2	5
74	Neural basis for successful encoding and retrieval of prospective memory. <i>Science China Life Sciences</i> , 2011, 54, 580-587.	2.3	4
75	Real-Time Brain Machine Interaction via Social Robot Gesture Control. , 2017, , .		4
76	Sequence-based manipulation of robotic arm control in brain machine interface. <i>International Journal of Intelligent Robotics and Applications</i> , 2018, 2, 149-160.	1.6	4
77	An event-related potential study of working memory in children. <i>Science Bulletin</i> , 2006, 51, 1467-1475.	4.3	3
78	Brain potentials and repetition effects during encoding and retrieval of words. <i>NeuroReport</i> , 2008, 19, 1365-1368.	0.6	3
79	Spared behavioral repetition effects in Alzheimer's disease linked to an altered neural mechanism at posterior cortex. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 761-776.	0.8	3
80	Discriminating Fake From True Brain Injury Using Latency of Left Frontal Neural Responses During Old/New Memory Recognition. <i>Frontiers in Neuroscience</i> , 2019, 13, 988.	1.4	3
81	EEG multiscale entropy dynamics in mild cognitive impairment and early Alzheimer's disease. , 2014, , .		2
82	What you see depends on what you saw, and what else you saw: The interactions between motion priming and object priming. <i>Vision Research</i> , 2014, 105, 77-85.	0.7	2
83	Electrophysiological repetition effects in persons with mild cognitive impairment depend upon working memory demand. <i>Neuropsychologia</i> , 2018, 117, 13-25.	0.7	2
84	Low Arousal Positive Emotional Stimuli Attenuate Aberrant Working Memory Processing in Persons with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1333-1349.	1.2	1
85	Lessons from Leslie: A Tribute to an Extraordinary Scientist and Mentor. <i>Trends in Neurosciences</i> , 2021, 44, 241-243.	4.2	1
86	Editorial: Individual Differences in Cognition and Affects in the Era of Pandemic and Machine Learning. <i>Frontiers in Psychology</i> , 2022, 13, 848086.	1.1	0
87	Brainwaves correlate with senior moments in preclinical older adults: Towards a cognitive screening protocol using a wireless device. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0