

Chunming Lu

List of Publications by Year in descending order

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54
papers

1,922
citations

394421
19
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54
all docs

54
docs citations

54
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	Biasing the neurocognitive processing of videos with the presence of a real cultural other. Cerebral Cortex, 2023, 33, 1090-1103.	2.9	2
2	Difference Between Children and Adults in the Print-speech Coactivated Network. Scientific Studies of Reading, 2022, 26, 250-265.	2.0	3
3	Interpersonal conflict increases interpersonal neural synchronization in romantic couples. Cerebral Cortex, 2022, 32, 3254-3268.	2.9	17
4	The “two-brain” approach reveals the active role of task-deactivated default mode network in speech comprehension. Cerebral Cortex, 2022, 32, 4869-4884.	2.9	8
5	The cerebellum and cognition: further evidence for its role in language control. Cerebral Cortex, 2022, 33, 35-49.	2.9	14
6	Sex differences in the intrinsic reading neural networks of Chinese children. Developmental Cognitive Neuroscience, 2022, 54, 101098.	4.0	0
7	Nonverbal cognitive control training increases the efficiency of frontal-subcortical collaboration for bilingual language control. Neuropsychologia, 2022, 169, 108204.	1.6	0
8	Increased or decreased? Interpersonal neural synchronization in group creation. NeuroImage, 2022, 260, 119448.	4.2	8
9	Interpersonal Neural Synchronization during Interpersonal Touch Underlies Affiliative Pair Bonding between Romantic Couples. Cerebral Cortex, 2021, 31, 1647-1659.	2.9	35
10	A hierarchical model for interpersonal verbal communication. Social Cognitive and Affective Neuroscience, 2021, 16, 246-255.	3.0	33
11	Patterns and networks of language control in bilingual language production. Brain Structure and Function, 2021, 226, 963-977.	2.3	10
12	Neural interaction between language control and cognitive control: Evidence from cross-task adaptation. Behavioural Brain Research, 2021, 401, 113086.	2.2	5
13	The cortical organization of writing sequence: evidence from observing Chinese characters in motion. Brain Structure and Function, 2021, 226, 1627-1639.	2.3	6
14	Reduced listener–speaker neural coupling underlies speech understanding difficulty in older adults. Brain Structure and Function, 2021, 226, 1571-1584.	2.3	5
15	How Mother–Child Interactions are Associated with a Child’s Compliance. Cerebral Cortex, 2021, 31, 4398-4410.	2.9	16
16	Language switching training modulates the neural network of non-linguistic cognitive control. PLoS ONE, 2021, 16, e0247100.	2.5	2
17	Effects of acute psychosocial stress on interpersonal cooperation and competition in young women. Brain and Cognition, 2021, 151, 105738.	1.8	9
18	Ultra-conformal skin electrodes with synergistically enhanced conductivity for long-time and low-motion artifact epidermal electrophysiology. Nature Communications, 2021, 12, 4880.	12.8	116

#	ARTICLE	IF	CITATIONS
19	Measurement of the Directional Information Flow in fNIRS-Hyperscanning Data using the Partial Wavelet Transform Coherence Method. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
20	Auditory"Articulatory Neural Alignment between Listener and Speaker during Verbal Communication. <i>Cerebral Cortex</i> , 2020, 30, 942-951.	2.9	22
21	Functional parcellation of the right cerebellar lobule VI in children with normal or impaired reading. <i>Neuropsychologia</i> , 2020, 148, 107630.	1.6	7
22	Language context tunes brain network for language control in bilingual language production. <i>Neuropsychologia</i> , 2020, 147, 107592.	1.6	12
23	Affiliative bonding between teachers and students through interpersonal synchronisation in brain activity. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 97-109.	3.0	41
24	Individual differences in language proficiency shape the neural plasticity of language control in bilingual language production. <i>Journal of Neurolinguistics</i> , 2020, 54, 100887.	1.1	9
25	Disrupted Subcortical-Cortical Connections in a Phonological but Not Semantic Task in Chinese Children With Dyslexia. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 611008.	2.0	1
26	Individual differences in inhibitory control abilities modulate the functional neuroplasticity of inhibitory control. <i>Brain Structure and Function</i> , 2019, 224, 2357-2371.	2.3	8
27	Shared neural representations of syntax during online dyadic communication. <i>NeuroImage</i> , 2019, 198, 63-72.	4.2	30
28	Neural correlates of processing emotions in words across cultures. <i>Journal of Neurolinguistics</i> , 2019, 51, 111-120.	1.1	0
29	Enhancement of teaching outcome through neural prediction of the students' knowledge state. <i>Human Brain Mapping</i> , 2018, 39, 3046-3057.	3.6	97
30	Temporal and Spatial Patterns of Neural Activity Associated with Information Selection in Open-ended Creativity. <i>Neuroscience</i> , 2018, 371, 268-276.	2.3	21
31	Differences between child and adult large&scale functional brain networks for reading tasks. <i>Human Brain Mapping</i> , 2018, 39, 662-679.	3.6	39
32	Neural mechanisms for selectively tuning in&to the target speaker in a naturalistic noisy situation. <i>Nature Communications</i> , 2018, 9, 2405.	12.8	119
33	Reorganization of brain function after a short-term behavioral intervention for stuttering. <i>Brain and Language</i> , 2017, 168, 12-22.	1.6	17
34	Dynamic spatial organization of the occipito-temporal word form area for second language processing. <i>Neuropsychologia</i> , 2017, 103, 20-28.	1.6	18
35	Short&term language switching training tunes the neural correlates of cognitive control in bilingual language production. <i>Human Brain Mapping</i> , 2017, 38, 5859-5870.	3.6	25
36	Graph theoretical analysis of functional network for comprehension of sign language. <i>Brain Research</i> , 2017, 1671, 55-66.	2.2	10

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37	Relationship between Speech Production and Perception in People Who Stutter. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 224.	2.0	20
38	Functional Connectivity Reveals Which Language the “Control Regions” Control during Bilingual Production. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 616.	2.0	10
39	Shared Neuroanatomical Substrates of Impaired Phonological Working Memory Across Reading Disability and Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 169-177.	1.5	12
40	More bilateral, more anterior: Alterations of brain organization in the large-scale structural network in Chinese dyslexia. <i>NeuroImage</i> , 2016, 124, 63-74.	4.2	36
41	Processing emotional words in two languages with one brain: ERP and fMRI evidence from Chinese “English bilinguals. <i>Cortex</i> , 2015, 71, 34-48.	2.4	93
42	Proficiency and sentence constraint effects on second language word learning. <i>Acta Psychologica</i> , 2015, 159, 116-122.	1.5	6
43	Leader emergence through interpersonal neural synchronization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4274-4279.	7.1	237
44	White and Grey Matter Changes in the Language Network during Healthy Aging. <i>PLoS ONE</i> , 2014, 9, e108077.	2.5	5
45	Neural anomaly and reorganization in speakers who stutter. <i>Neurology</i> , 2012, 79, 625-632.	1.1	48
46	Neural Synchronization during Face-to-Face Communication. <i>Journal of Neuroscience</i> , 2012, 32, 16064-16069.	3.6	357
47	Neural control of rising and falling tones in Mandarin speakers who stutter. <i>Brain and Language</i> , 2012, 123, 211-221.	1.6	13
48	Classification of Types of Stuttering Symptoms Based on Brain Activity. <i>PLoS ONE</i> , 2012, 7, e39747.	2.5	42
49	Neural control of fundamental frequency rise and fall in Mandarin tones. <i>Brain and Language</i> , 2012, 121, 35-46.	1.6	5
50	Altered effective connectivity and anomalous anatomy in the basal ganglia-thalamocortical circuit of stuttering speakers. <i>Cortex</i> , 2010, 46, 49-67.	2.4	143
51	The neural substrates for atypical planning and execution of word production in stuttering. <i>Experimental Neurology</i> , 2010, 221, 146-156.	4.1	80
52	An event-related potential study on perceptual learning in grating orientation discrimination. <i>NeuroReport</i> , 2007, 18, 945-948.	1.2	18
53	Task-induced deactivation identified by SPM and Group Independent Component Analysis. , 2007, , .		0
54	Neural substrates of visual perceptual learning of simple and complex stimuli. <i>Clinical Neurophysiology</i> , 2005, 116, 632-639.	1.5	32