

Chunming Lu

List of Publications by Year in descending order

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54
papers

1,922
citations

393982

19
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276539

41
g-index

54
all docs

54
docs citations

54
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Synchronization during Face-to-Face Communication. <i>Journal of Neuroscience</i> , 2012, 32, 16064-16069.	1.7	357
2	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.	3.3	237
3	Altered effective connectivity and anomalous anatomy in the basal ganglia-thalamocortical circuit of stuttering speakers. <i>Cortex</i> , 2010, 46, 49-67.	1.1	143
4	Neural mechanisms for selectively tuning in to the target speaker in a naturalistic noisy situation. <i>Nature Communications</i> , 2018, 9, 2405.	5.8	119
5	Ultra-conformal skin electrodes with synergistically enhanced conductivity for long-time and low-motion artifact epidermal electrophysiology. <i>Nature Communications</i> , 2021, 12, 4880.	5.8	116
6	Enhancement of teaching outcome through neural prediction of the students' knowledge state. <i>Human Brain Mapping</i> , 2018, 39, 3046-3057.	1.9	97
7	Processing emotional words in two languages with one brain: ERP and fMRI evidence from Chinese-English bilinguals. <i>Cortex</i> , 2015, 71, 34-48.	1.1	93
8	The neural substrates for atypical planning and execution of word production in stuttering. <i>Experimental Neurology</i> , 2010, 221, 146-156.	2.0	80
9	Neural anomaly and reorganization in speakers who stutter. <i>Neurology</i> , 2012, 79, 625-632.	1.5	48
10	Classification of Types of Stuttering Symptoms Based on Brain Activity. <i>PLoS ONE</i> , 2012, 7, e39747.	1.1	42
11	Affiliative bonding between teachers and students through interpersonal synchronisation in brain activity. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 97-109.	1.5	41
12	Differences between child and adult large-scale functional brain networks for reading tasks. <i>Human Brain Mapping</i> , 2018, 39, 662-679.	1.9	39
13	More bilateral, more anterior: Alterations of brain organization in the large-scale structural network in Chinese dyslexia. <i>NeuroImage</i> , 2016, 124, 63-74.	2.1	36
14	Interpersonal Neural Synchronization during Interpersonal Touch Underlies Affiliative Pair Bonding between Romantic Couples. <i>Cerebral Cortex</i> , 2021, 31, 1647-1659.	1.6	35
15	A hierarchical model for interpersonal verbal communication. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 246-255.	1.5	33
16	Neural substrates of visual perceptual learning of simple and complex stimuli. <i>Clinical Neurophysiology</i> , 2005, 116, 632-639.	0.7	32
17	Shared neural representations of syntax during online dyadic communication. <i>NeuroImage</i> , 2019, 198, 63-72.	2.1	30
18	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.	1.9	25

#	ARTICLE	IF	CITATIONS
19	Auditoryâ€Articulatory Neural Alignment between Listener and Speaker during Verbal Communication. <i>Cerebral Cortex</i> , 2020, 30, 942-951.	1.6	22
20	Temporal and Spatial Patterns of Neural Activity Associated with Information Selection in Open-ended Creativity. <i>Neuroscience</i> , 2018, 371, 268-276.	1.1	21
21	Relationship between Speech Production and Perception in People Who Stutter. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 224.	1.0	20
22	An event-related potential study on perceptual learning in grating orientation discrimination. <i>NeuroReport</i> , 2007, 18, 945-948.	0.6	18
23	Dynamic spatial organization of the occipito-temporal word form area for second language processing. <i>Neuropsychologia</i> , 2017, 103, 20-28.	0.7	18
24	Reorganization of brain function after a short-term behavioral intervention for stuttering. <i>Brain and Language</i> , 2017, 168, 12-22.	0.8	17
25	Interpersonal conflict increases interpersonal neural synchronization in romantic couples. <i>Cerebral Cortex</i> , 2022, 32, 3254-3268.	1.6	17
26	How Motherâ€Child Interactions are Associated with a Childâ€™s Compliance. <i>Cerebral Cortex</i> , 2021, 31, 4398-4410.	1.6	16
27	The cerebellum and cognition: further evidence for its role in language control. <i>Cerebral Cortex</i> , 2022, 33, 35-49.	1.6	14
28	Neural control of rising and falling tones in Mandarin speakers who stutter. <i>Brain and Language</i> , 2012, 123, 211-221.	0.8	13
29	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.	1.1	12
30	Language context tunes brain network for language control in bilingual language production. <i>Neuropsychologia</i> , 2020, 147, 107592.	0.7	12
31	Functional Connectivity Reveals Which Language the â€Control Regionsâ€Control during Bilingual Production. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 616.	1.0	10
32	Graph theoretical analysis of functional network for comprehension of sign language. <i>Brain Research</i> , 2017, 1671, 55-66.	1.1	10
33	Patterns and networks of language control in bilingual language production. <i>Brain Structure and Function</i> , 2021, 226, 963-977.	1.2	10
34	Individual differences in language proficiency shape the neural plasticity of language control in bilingual language production. <i>Journal of Neurolinguistics</i> , 2020, 54, 100887.	0.5	9
35	Effects of acute psychosocial stress on interpersonal cooperation and competition in young women. <i>Brain and Cognition</i> , 2021, 151, 105738.	0.8	9
36	Individual differences in inhibitory control abilities modulate the functional neuroplasticity of inhibitory control. <i>Brain Structure and Function</i> , 2019, 224, 2357-2371.	1.2	8

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37	The "two-brain" approach reveals the active role of task-deactivated default mode network in speech comprehension. <i>Cerebral Cortex</i> , 2022, 32, 4869-4884.	1.6	8
38	Increased or decreased? Interpersonal neural synchronization in group creation. <i>NeuroImage</i> , 2022, 260, 119448.	2.1	8
39	Functional parcellation of the right cerebellar lobule VI in children with normal or impaired reading. <i>Neuropsychologia</i> , 2020, 148, 107630.	0.7	7
40	Proficiency and sentence constraint effects on second language word learning. <i>Acta Psychologica</i> , 2015, 159, 116-122.	0.7	6
41	The cortical organization of writing sequence: evidence from observing Chinese characters in motion. <i>Brain Structure and Function</i> , 2021, 226, 1627-1639.	1.2	6
42	Neural control of fundamental frequency rise and fall in Mandarin tones. <i>Brain and Language</i> , 2012, 121, 35-46.	0.8	5
43	White and Grey Matter Changes in the Language Network during Healthy Aging. <i>PLoS ONE</i> , 2014, 9, e108077.	1.1	5
44	Neural interaction between language control and cognitive control: Evidence from cross-task adaptation. <i>Behavioural Brain Research</i> , 2021, 401, 113086.	1.2	5
45	Reduced listener-speaker neural coupling underlies speech understanding difficulty in older adults. <i>Brain Structure and Function</i> , 2021, 226, 1571-1584.	1.2	5
46	Difference Between Children and Adults in the Print-speech Coactivated Network. <i>Scientific Studies of Reading</i> , 2022, 26, 250-265.	1.3	3
47	Language switching training modulates the neural network of non-linguistic cognitive control. <i>PLoS ONE</i> , 2021, 16, e0247100.	1.1	2
48	Biasing the neurocognitive processing of videos with the presence of a real cultural other. <i>Cerebral Cortex</i> , 2023, 33, 1090-1103.	1.6	2
49	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.	1.0	1
50	Task-induced deactivation identified by SPM and Group Independent Component Analysis. , 2007, , .		0
51	Neural correlates of processing emotions in words across cultures. <i>Journal of Neurolinguistics</i> , 2019, 51, 111-120.	0.5	0
52	Measurement of the Directional Information Flow in fNIRS-Hyperscanning Data using the Partial Wavelet Transform Coherence Method. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
53	Sex differences in the intrinsic reading neural networks of Chinese children. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101098.	1.9	0
54	Nonverbal cognitive control training increases the efficiency of frontal-subcortical collaboration for bilingual language control. <i>Neuropsychologia</i> , 2022, 169, 108204.	0.7	0