Chunming Lu

List of Publications by Year
in descending order

54 papers	1,922 citations	394421 19 h-index	276875 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. Journal of Neuroscience, 2012, 32, 16064-16069.	3.6	357
2	Leader emergence through interpersonal neural synchronization. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4274-4279.	7.1	237
3	Altered effective connectivity and anomalous anatomy in the basal ganglia-thalamocortical circuit of stuttering speakers. Cortex, 2010, 46, 49-67.	2.4	143
4	Neural mechanisms for selectively tuning inÂto the target speaker in a naturalistic noisy situation. Nature Communications, 2018, 9, 2405.	12.8	119
5	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
6	Enhancement of teaching outcome through neural prediction of the students' knowledge state. Human Brain Mapping, 2018, 39, 3046-3057.	3.6	97
7	Processing emotional words in two languages with one brain: ERP and fMRI evidence from Chineseâ€"English bilinguals. Cortex, 2015, 71, 34-48.	2.4	93
8	The neural substrates for atypical planning and execution of word production in stuttering. Experimental Neurology, 2010, 221, 146-156.	4.1	80
9	Neural anomaly and reorganization in speakers who stutter. Neurology, 2012, 79, 625-632.	1.1	48
10	Classification of Types of Stuttering Symptoms Based on Brain Activity. PLoS ONE, 2012, 7, e39747.	2.5	42
11	Affiliative bonding between teachers and students through interpersonal synchronisation in brain activity. Social Cognitive and Affective Neuroscience, 2020, 15, 97-109.	3.0	41
12	Differences between child and adult largeâ€scale functional brain networks for reading tasks. Human Brain Mapping, 2018, 39, 662-679.	3.6	39
13	More bilateral, more anterior: Alterations of brain organization in the large-scale structural network in Chinese dyslexia. NeuroImage, 2016, 124, 63-74.	4.2	36
14	Interpersonal Neural Synchronization during Interpersonal Touch Underlies Affiliative Pair Bonding between Romantic Couples. Cerebral Cortex, 2021, 31, 1647-1659.	2.9	35
15	A hierarchical model for interpersonal verbal communication. Social Cognitive and Affective Neuroscience, 2021, 16, 246-255.	3.0	33
16	Neural substrates of visual perceptual learning of simple and complex stimuli. Clinical Neurophysiology, 2005, 116, 632-639.	1.5	32
17	Shared neural representations of syntax during online dyadic communication. NeuroImage, 2019, 198, 63-72.	4.2	30
18	Shortâ€term language switching training tunes the neural correlates of cognitive control in bilingual language production. Human Brain Mapping, 2017, 38, 5859-5870.	3.6	25

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19	Auditoryâ€"Articulatory Neural Alignment between Listener and Speaker during Verbal Communication. Cerebral Cortex, 2020, 30, 942-951.	2.9	22
20	Temporal and Spatial Patterns of Neural Activity Associated with Information Selection in Open-ended Creativity. Neuroscience, 2018, 371, 268-276.	2.3	21
21	Relationship between Speech Production and Perception in People Who Stutter. Frontiers in Human Neuroscience, 2016, 10, 224.	2.0	20
22	An event-related potential study on perceptual learning in grating orientation discrimination. NeuroReport, 2007, 18, 945-948.	1.2	18
23	Dynamic spatial organization of the occipito-temporal word form area for second language processing. Neuropsychologia, 2017, 103, 20-28.	1.6	18
24	Reorganization of brain function after a short-term behavioral intervention for stuttering. Brain and Language, 2017, 168, 12-22.	1.6	17
25	Interpersonal conflict increases interpersonal neural synchronization in romantic couples. Cerebral Cortex, 2022, 32, 3254-3268.	2.9	17
26	How Motherâ€"Child Interactions are Associated with a Childâ€™s Compliance. Cerebral Cortex, 2021, 31, 4398-4410.	2.9	16
27	The cerebellum and cognition: further evidence for its role in language control. Cerebral Cortex, 2022, 33, 35-49.	2.9	14
28	Neural control of rising and falling tones in Mandarin speakers who stutter. Brain and Language, 2012, 123, 211-221.	1.6	13
29	Shared Neuroanatomical Substrates of Impaired Phonological Working Memory Across Reading Disability and Autism. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 169-177.	1.5	12
30	Language context tunes brain network for language control in bilingual language production. Neuropsychologia, 2020, 147, 107592.	1.6	12
31	Functional Connectivity Reveals Which Language the â€œControl Regionsâ€•Control during Bilingual Production. Frontiers in Human Neuroscience, 2016, 10, 616.	2.0	10
32	Graph theoretical analysis of functional network for comprehension of sign language. Brain Research, 2017, 1671, 55-66.	2.2	10
33	Patterns and networks of language control in bilingual language production. Brain Structure and Function, 2021, 226, 963-977.	2.3	10
34	Individual differences in language proficiency shape the neural plasticity of language control in bilingual language production. Journal of Neurolinguistics, 2020, 54, 100887.	1.1	9
35	Effects of acute psychosocial stress on interpersonal cooperation and competition in young women. Brain and Cognition, 2021, 151, 105738.	1.8	9
36	Individual differences in inhibitory control abilities modulate the functional neuroplasticity of inhibitory control. Brain Structure and Function, 2019, 224, 2357-2371.	2.3	8

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37	The â€œtwo-brainâ€•approach reveals the active role of task-deactivated default mode network in speech comprehension. Cerebral Cortex, 2022, 32, 4869-4884.	2.9	8
38	Increased or decreased? Interpersonal neural synchronization in group creation. NeuroImage, 2022, 260, 119448.	4.2	8
39	Functional parcellation of the right cerebellar lobule VI in children with normal or impaired reading. Neuropsychologia, 2020, 148, 107630.	1.6	7
40	Proficiency and sentence constraint effects on second language word learning. Acta Psychologica, 2015, 159, 116-122.	1.5	6
41	The cortical organization of writing sequence: evidence from observing Chinese characters in motion. Brain Structure and Function, 2021, 226, 1627-1639.	2.3	6
42	Neural control of fundamental frequency rise and fall in Mandarin tones. Brain and Language, 2012, 121, 35-46.	1.6	5
43	White and Grey Matter Changes in the Language Network during Healthy Aging. PLoS ONE, 2014, 9, e108077.	2.5	5
44	Neural interaction between language control and cognitive control: Evidence from cross-task adaptation. Behavioural Brain Research, 2021, 401, 113086.	2.2	5
45	Reduced listenerâ€“speaker neural coupling underlies speech understanding difficulty in older adults. Brain Structure and Function, 2021, 226, 1571-1584.	2.3	5
46	Difference Between Children and Adults in the Print-speech Coactivated Network. Scientific Studies of Reading, 2022, 26, 250-265.	2.0	3
47	Language switching training modulates the neural network of non-linguistic cognitive control. PLoS ONE, 2021, 16, e0247100.	2.5	2
48	Biasing the neurocognitive processing of videos with the presence of a real cultural other. Cerebral Cortex, 2023, 33, 1090-1103.	2.9	2
49	Disrupted Subcortical-Cortical Connections in a Phonological but Not Semantic Task in Chinese Children With Dyslexia. Frontiers in Human Neuroscience, 2020, 14, 611008.	2.0	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. Journal of Neurolinguistics, 2019, 51, 111-120.	1.1	0
52	Measurement of the Directional Information Flow in fNIRS-Hyperscanning Data using the Partial Wavelet Transform Coherence Method. Journal of Visualized Experiments, 2021, , .	0.3	0
53	Sex differences in the intrinsic reading neural networks of Chinese children. Developmental Cognitive Neuroscience, 2022, 54, 101098.	4.0	0
54	Nonverbal cognitive control training increases the efficiency of frontal-subcortical collaboration for bilingual language control. Neuropsychologia, 2022, 169, 108204.	1.6	0