Ping Li

List of Publications by Year
in descending order

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155 papers	6,657 citations	87723 38 h-index	85405 71 g-index
170 all docs	170 docs citations	170 times ranked	3708 citing authors

#	Article	IF	Citations
1	Neuroplasticity as a function of second language learning: Anatomical changes in the human brain. Cortex, 2014, 58, 301-324.	1.1	361
2	The emergence of competing modules in bilingualism. Trends in Cognitive Sciences, 2005, 9, 220-225.	4.0	297
3	Does frequency count? Parental input and the acquisition of vocabulary. Journal of Child Language, 2008, 35, 515-531.	0.8	285
4	Language history questionnaire: A Web-based interface for bilingual research. Behavior Research Methods, 2006, 38, 202-210.	2.3	277
5	Age of acquisition: Its neural and computational mechanisms.. Psychological Bulletin, 2007, 133, 638-650.	5.5	254
6	Early lexical development in a self-organizing neural network. Neural Networks, 2004, 17, 1345-1362.	3.3	219
7	The Acquisition of Lexical and Grammatical Aspect. , 2000, , .		187
8	Language history questionnaire (LHQ 2.0): A new dynamic web-based research tool. Bilingualism, 2014, 17, 673-680.	1.0	184
9	Dynamic Selfâ€Organization and Early Lexical Development in Children. Cognitive Science, 2007, 31, 581-612.	0.8	157
10	Categorical perception of lexical tones in Chinese revealed by mismatch negativity. Neuroscience, 2010, 170, 223-231.	1.1	147
11	ERP signatures of subjectâ€“verb agreement in L2 learning. Bilingualism, 2007, 10, 161-174.	1.0	132
12	Processing A Language without Inflections: A Reaction Time Study of Sentence Interpretation in Chinese. Journal of Memory and Language, 1993, 32, 169-192.	1.1	131
13	Neural representations of nouns and verbs in Chinese: an fMRI study. NeuroImage, 2004, 21, 1533-1541.	2.1	131
14	Word naming and psycholinguistic norms: Chinese. Behavior Research Methods, 2007, 39, 192-198.	2.3	128
15	Challenges and Future Directions of Big Data and Artificial Intelligence in Education. Frontiers in Psychology, 2020, 11, 580820.	1.1	124
16	Sentence interpretation in bilingual speakers of English and Chinese. Applied Psycholinguistics, 1992, 13, 451-484.	0.8	118
17	Neural changes underlying successful second language word learning: An fMRI study. Journal of Neurolinguistics, 2015, 33, 29-49.	0.5	118
18	The noun-verb problem in Chinese aphasia. Brain and Language, 1991, 41, 203-233.	0.8	116

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19	Spoken Word Recognition of Code-Switched Words by Chineseâ€“English Bilinguals. Journal of Memory and Language, 1996, 35, 757-774.	1.1	112
20	Language History Questionnaire (LHQ3): An enhanced tool for assessing multilingual experience. Bilingualism, 2020, 23, 938-944.	1.0	99
21	Cognitive control, cognitive reserve, and memory in the aging bilingual brain. Frontiers in Psychology, 2014, 5, 1401.	1.1	98
22	Bilingual lexical interactions in an unsupervised neural network model. International Journal of Bilingual Education and Bilingualism, 2010, 13, 505-524.	1.1	97
23	Brain Networks of Explicit and Implicit Learning. PLoS ONE, 2012, 7, e42993.	1.1	97
24	Aspect and Assertion in Mandarin Chinese. Natural Language and Linguistic Theory, 2000, 18, 723-770.	0.6	93
25	The acquisition of lexical and grammatical aspect in Chinese. First Language, 1998, 18, 311-350.	0.5	85
26	Immersive Virtual Reality as an Effective Tool for Second Language Vocabulary Learning. Languages, 2019, 4, 13.	0.3	84
27	Second language lexical development and cognitive control: A longitudinal fMRI study. Brain and Language, 2015, 144, 35-47.	0.8	80
28	Universality of categorical perception deficit in developmental dyslexia: an investigation of Mandarin Chinese tones. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 874-882.	3.1	78
29	The Cognitive Science of Bilingualism. Language and Linguistics Compass, 2015, 9, 1-13.	1.3	75
30	Timed Picture Naming Norms for Mandarin Chinese. PLoS ONE, 2011, 6, e16505.	1.1	72
31	Two faces, two languages: An fMRI study of bilingual picture naming. Brain and Language, 2013, 127, 452-462.	0.8	68
32	3 A self-organizing connectionist model of bilingual processing. Advances in Psychology, 2002, 134, 59-85.	0.1	60
33	Cortical Dynamics of Acoustic and Phonological Processing in Speech Perception. PLoS ONE, 2011, 6, e20963.	1.1	60
34	Structural brain changes as a function of second language vocabulary training: Effects of learning context. Brain and Cognition, 2019, 134, 90-102.	0.8	60
35	Second language acquisition of Mandarin Chinese vocabulary: context of learning effects. Educational Technology Research and Development, 2015, 63, 671-690.	2.0	59
36	Bidirectional lexical interaction in late immersed Mandarin-English bilinguals. Journal of Memory and Language, 2015, 82, 86-104.	1.1	52

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37	Neural Correlates of Nouns and Verbs in Early Bilinguals. Annals of the New York Academy of Sciences, 2008, 1145, 30-40.	1.8	50
38	Perception and production of Mandarin Chinese tones. , 2006, , 209-217.		47
39	Context effects and the processing of spoken homophones. Reading and Writing, 1998, 10, 223-243.	1.0	46
40	Lexical Organization and Competition in First and Second Languages: Computational and Neural Mechanisms. Cognitive Science, 2009, 33, 629-664.	0.8	43
41	Early vocabulary inventory for Mandarin Chinese. Behavior Research Methods, 2008, 40, 728-733.	2.3	42
42	Lexical representation of nouns and verbs in the late bilingual brain. Journal of Neurolinguistics, 2011, 24, 674-682.	0.5	41
43	The social brain of language: grounding second language learning in social interaction. Npj Science of Learning, 2020, 5, 8.	1.5	41
44	Cryptotype, Overgeneralization and Competition: A Connectionist Model of the Learning of English Reversive Prefixes. Connection Science, 1996, 8, 3-30.	1.8	40
45	Simulating cross-language priming with a dynamic computational model of the lexicon. Bilingualism, 2013, 16, 288-303.	1.0	38
46	STEPâ€"A System for Teaching Experimental Psychology using E-Prime. Behavior Research Methods, 2001, 33, 287-296.	1.3	37
47	Common and distinct neural substrates for the perception of speech rhythm and intonation. Human Brain Mapping, 2010, 31, 1106-1116.	1.9	36
48	The temporal structure of spoken sentence comprehension in Chinese. Perception & Psychophysics, 1996, 58, 571-586.	2.3	33
49	PatPho: A phonological pattern generator for neural networks. Behavior Research Methods, 2002, 34, 408-415.	1.3	33
50	Syntax does not necessarily precede semantics in sentence processing: ERP evidence from Chinese. Brain and Language, 2013, 126, 8-19.	0.8	33
51	Mental Representation of Verb Meaning: Behavioral and Electrophysiological Evidence. Journal of Cognitive Neuroscience, 2006, 18, 1774-1787.	1.1	32
52	A longitudinal investigation of structural brain changes during second language learning. Brain and Language, 2019, 197, 104661.	0.8	31
53	Cortical competition during language discrimination. NeuroImage, 2008, 43, 624-633.	2.1	30
54	Digital Language Learning (DLL): Insights from Behavior, Cognition, and the Brain. Bilingualism, 2022, 25, 361-378.	1.0	30

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55	Structure and meaning in Chinese: An ERP study of idioms. Journal of Neurolinguistics, 2010, 23, 615-630.	0.5	29
56	Access to lexical meaning in pitch-flattened Chinese sentences: An fMRI study. Neuropsychologia, 2013, 51, 550-556.	0.7	29
57	Self-organizing map models of language acquisition. Frontiers in Psychology, 2013, 4, 828.	1.1	29
58	Second language learning success revealed by brain networks. Bilingualism, 2016, 19, 657-664.	1.0	29
59	Imaging bilinguals: When the neurosciences meet the language sciences. Bilingualism, 2003, 6, 159-165.	1.0	27
60	Processing of acoustic and phonological information of lexical tones in Mandarin Chinese revealed by mismatch negativity. Frontiers in Human Neuroscience, 2014, 8, 729.	1.0	27
61	Hemispheric involvement in the processing of Chinese idioms: An fMRI study. Neuropsychologia, 2016, 87, 12-24.	0.7	27
62	Effects of native language experience on Mandarin lexical tone processing in proficient second language learners. Psychophysiology, 2019, 56, e13448.	1.2	27
63	Effects of language proficiency on cognitive control: Evidence from resting-state functional connectivity. Neuropsychologia, 2019, 129, 263-275.	0.7	27
64	Electrophysiological evidence of categorical perception of Chinese lexical tones in attentive condition. NeuroReport, 2012, 23, 35-39.	0.6	25
65	Sampling over Nonuniform Distributions: A Neural Efficiency Account of the Primacy Effect in Statistical Learning. Journal of Cognitive Neuroscience, 2016, 28, 1484-1500.	1.1	25
66	Attentional control in interpreting: A model of language control and processing control. Bilingualism, 2020, 23, 716-728.	1.0	25
67	Lexical-Semantic Search Under Different Covert Verbal Fluency Tasks: An fMRI Study. Frontiers in Behavioral Neuroscience, 2017, 11, 131.	1.0	24
68	A Multichannel 2D Convolutional Neural Network Model for Task-Evoked fMRI Data Classification. Computational Intelligence and Neuroscience, 2019, 2019, 1-9.	1.1	24
69	Aspectual asymmetries in the mental representation of events: Role of lexical and grammatical aspect. Memory and Cognition, 2009, 37, 587-595.	0.9	23
70	Native-likeness in second language lexical categorization reflects individual language history and linguistic community norms. Frontiers in Psychology, 2014, 5, 1203.	1.1	23
71	Embodied cognition and language learning in virtual environments. Educational Technology Research and Development, 2015, 63, 639-644.	2.0	22
72	Virtual reality for student learning: Understanding individual differences. Human Behaviour and Brain, 2020, , 28-36.	0.4	22

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73	The interaction between phonological information and pitch type at pre-attentive stage: an ERP study of lexical tones. Language, Cognition and Neuroscience, 2017, 32, 1164-1175.	0.7	21
74	Identifying the causal link: Two approaches toward understanding the relationship between bilingualism and cognitive control. Cortex, 2015, 73, 358-360.	1.1	20
75	Computational modeling of bilingualism: How can models tell us more about the bilingual mind?. Bilingualism, 2013, 16, 241-245.	1.0	19
76	An online database of phonological representations for Mandarin Chinese. Behavior Research Methods, 2009, 41, 575-583.	2.3	18
77	Contextual self-organizing map: software for constructing semantic representations. Behavior Research Methods, 2011, 43, 77-88.	2.3	18
78	Neural Mechanisms of Dorsal and Ventral Visual Regions during Text Reading. Frontiers in Psychology, 2016, 7, 1399.	1.1	18
79	A Meta-Analytic Study of the Neural Systems for Auditory Processing of Lexical Tones. Frontiers in Human Neuroscience, 2017, 11, 375.	1.0	18
80	Reading comprehension in L1 and L2: An integrative approach. Journal of Neurolinguistics, 2019, 50, 94-105.	0.5	18
81	Mechanisms for Auditory Perception: A Neurocognitive Study of Second Language Learning of Mandarin Chinese. Brain Sciences, 2019, 9, 139.	1.1	16
82	GAT-LI: a graph attention network based learning and interpreting method for functional brain network classification. BMC Bioinformatics, 2021, 22, 379.	1.2	16
83	Expertise, ecosystem, and emergentism: Dynamic developmental bilingualism. Brain and Language, 2021, 222, 105013.	0.8	16
84	Cues as Functional Constraints on Sentence Processing in Chinese. Advances in Psychology, 1992, 90, 207-234.	0.1	15
85	Mental control, language tags, and language nodes in bilingual lexical processing. Bilingualism, 1998, 1, 92-93.	1.0	15
86	Lexical ambiguity resolution in Chinese sentence processing. , 2006, , 268-278.		15
87	The Relationship between Intrinsic Couplings of the Visual Word Form Area with Spoken Language Network and Reading Ability in Children and Adults. Frontiers in Human Neuroscience, 2017, 11, 327.	1.0	15
88	What predicts adult readersâ€™ understanding of STEM texts?. Reading and Writing, 2018, 31, 185-214.	1.0	15
89	Neurocognitive Signatures of Naturalistic Reading of Scientific Texts: A Fixation-Related fMRI Study. Scientific Reports, 2019, 9, 10678.	1.6	15
90	Interpretable Learning Approaches in Resting-State Functional Connectivity Analysis: The Case of Autism Spectrum Disorder. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-12.	0.7	15

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91	A neuroimaging study of semantic representation in first and second languages. Language, Cognition and Neuroscience, 2020, 35, 1223-1238.	0.7	15
92	Judgements of grammaticality in aphasia: The special case of Chinese. Aphasiology, 2000, 14, 1021-1054.	1.4	14
93	Developmental changes in the early child lexicon in Mandarin Chinese. Journal of Child Language, 2015, 42, 505-537.	0.8	14
94	Brain mapping of Chinese speech prosody. , 2006, , 308-319.		13
95	Bilingual Object Naming: A Connectionist Model. Frontiers in Psychology, 2016, 7, 644.	1.1	13
96	Effects of encoding modes on memory of naturalistic events. Journal of Neurolinguistics, 2020, 53, 100863.	0.5	13
97	Functional and structural neuroplasticity associated with second language proficiency: An MRI study of Chinese-English bilinguals. Journal of Neurolinguistics, 2020, 56, 100940.	0.5	13
98	Neural mechanisms of language learning from social contexts. Brain and Language, 2021, 212, 104874.	0.8	13
99	CROSSLINGUISTIC VARIATION AND SENTENCE PROCESSING: THE CASE OF CHINESE. Syntax and Semantics, 0, , 33-53.	0.0	13
100	Effects of Semantic Context and Fundamental Frequency Contours on Mandarin Speech Recognition by Second Language Learners. Frontiers in Psychology, 2016, 7, 908.	1.1	12
101	To Resolve or Not To Resolve, that Is the Question: The Dual-Path Model of Incongruity Resolution and Absurd Verbal Humor by fMRI. Frontiers in Psychology, 2017, 8, 498.	1.1	12
102	Second language experience modulates neural specialization for first language lexical tones. Journal of Neurolinguistics, 2015, 33, 50-66.	0.5	11
103	Speaking two â€œLanguagesâ€•in America: A semantic space analysis of how presidential candidates and their supporters represent abstract political concepts differently. Behavior Research Methods, 2017, 49, 1668-1685.	2.3	11
104	Effects of socioeconomic status in predicting reading outcomes for children: The mediation of spoken language network. Brain and Cognition, 2021, 147, 105655.	0.8	11
105	Context effects and the processing of spoken homophones. Neuropsychology and Cognition, 1998, , 69-89.	0.6	11
106	Bilingualism is in dire need of formal models. Bilingualism, 2002, 5, 213-213.	1.0	10
107	The Chinese character in psycholinguistic research: form, structure, and the reader. , 2006, , 195-208.		9
108	Neurocognitive approaches to bilingualism: Asian languages. Bilingualism, 2007, 10, 117-119.	1.0	9

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109	White-Matter Structural Connectivity Underlying Human Laughter-Related Traits Processing. Frontiers in Psychology, 2016, 7, 1637.	1.1	9
110	What constrains simultaneous mastery of first and second language word use?. International Journal of Bilingualism, 2016, 20, 684-699.	0.6	9
111	Acquisition of aspect in self-organizing connectionist models. Linguistics, 2009, 47, .	0.5	8
112	Cross-modal working memory binding and L1-L2 word learning. Memory and Cognition, 2017, 45, 1371-1383.	0.9	8
113	Proficiency affects intra- and inter-regional patterns of language control in second language processing. Language, Cognition and Neuroscience, 2019, 34, 787-802.	0.7	7
114	Neurolinguistic Computational Models. , 2008, , 229-236.		7
115	The importance of verbs in Chinese. , 2006, , 124-135.		6
116	The cross-cultural bilingual brain. Physics of Life Reviews, 2013, 10, 446-447.	1.5	6
117	Age-sensitive associations of segmental and suprasegmental perception with sentence-level language skills in Mandarin-speaking children with cochlear implants. Research in Developmental Disabilities, 2019, 93, 103453.	1.2	6
118	Brain decoding in multiple languages: Can cross-language brain decoding work?. Brain and Language, 2021, 215, 104922.	0.8	6
119	Chapter 9. Connectionist models of second language acquisition. AILA Applied Linguistics Series, 2013, , 177-198.	0.1	6
120	Introduction: new frontiers in Chinese psycholinguistics. , 2006, , 1-10.		5
121	Task-dependent modulation of regions in the left temporal cortex during auditory sentence comprehension. Neuroscience Letters, 2015, 584, 351-355.	1.0	5
122	Disentangling narrow and coarse semantic networks in the brain: The role of computational models of word meaning. Behavior Research Methods, 2017, 49, 1582-1596.	2.3	5
123	Shared Neural Substrates Underlying Reading and Visual Matching: A Longitudinal Investigation. Frontiers in Human Neuroscience, 2020, 14, 567541.	1.0	5
124	Language experiences and cognitive control: A dynamic perspective. Psychology of Learning and Motivation - Advances in Research and Theory, 2020, 72, 27-52.	0.5	5
125	Modeling Bilingual Lexical Processing Through Code-Switching Speech: A Network Science Approach. Frontiers in Psychology, 2021, 12, 662409.	1.1	5
126	Advances in Knowledge Discovery and Data Analysis for Artificial Intelligence. Journal of Experimental and Theoretical Artificial Intelligence, 2011, 23, 1-3.	1.8	4

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127	Interpreting: A window into bilingual processing. Bilingualism, 2020, 23, 703-705.	1.0	4
128	Computational modeling of bilingual language acquisition and processing: conceptual and methodological considerations. , 0, , 85-107.		3
129	Scaling up: How computational models can propel bilingualism research forward. Bilingualism, 2019, 22, 682-684.	1.0	3
130	The Bilingual Brain: Emergent, Dynamic, and Variable. Albert Costa (1970â€“2018). Trends in Cognitive Sciences, 2019, 23, 631-633.	4.0	3
131	From eye movements to scanpath networks: A method for studying individual differences in expository text reading. Behavior Research Methods, 2023, 55, 730-750.	2.3	3
132	Why don't L2 learners end up with uniform and perfect linguistic competence?. Behavioral and Brain Sciences, 1996, 19, 733-734.	0.4	2
133	Language processing in bilinguals as revealed by functional imaging: a contemporary synthesis. , 2006, , 287-295.		2
134	Naming of Chinese phonograms: from cognitive science to cognitive neuroscience. , 0, , 346-357.		2
135	Editorial: State of BLC. Bilingualism, 2009, 12, 1-1.	1.0	2
136	Bayesian Word Learning in Multiple Language Environments. Cognitive Science, 2018, 42, 439-462.	0.8	2
137	Altered connectivity of the visual word form area in the low-vision population: A resting-state fMRI study. Neuropsychologia, 2020, 137, 107302.	0.7	2
138	Predicting Expository Text Processing: Causal Content Density as a Critical Expository Text Metric. Reading Psychology, 2021, 42, 625-662.	0.7	2
139	Raising Children Bilingual: : Should We, and When?. PsycCritiques, 2003, 48, 667-669.	0.0	2
140	6. In search of meaning. Human Cognitive Processing, 2006, , 109-137.	0.1	2
141	Computational mechanisms of development? Connectionism and bilingual lexical representation. Bilingualism, 0, , 1-2.	1.0	2
142	Understanding the Interaction between Technology and the Learner: The Case of DLL. Bilingualism, 0, , 1-4.	1.0	2
143	Fuzzy or Clear? A Computational Approach Towards Dynamic L2 Lexical-Semantic Representation. Frontiers in Communication, 2022, 6, .	0.6	2
144	Science reading and self-regulated learning: Evidence from eye movements of middle-school readers. Journal of Educational Research, 2022, 115, 11-24.	0.8	2

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145	The APA Style Converter: A Web-based interface for converting articles to APA style for publication. Behavior Research Methods, 2005, 37, 219-223.	2.3	1
146	Disease but No Sheep. Science, 2006, 311, 1867-1867.	6.0	1
147	Towards an integrative understanding of the neuroanatomical and genetic bases of language: The Chinese context. Journal of Neurolinguistics, 2015, 33, 1-2.	0.5	1
148	Context effects in lexical ambiguity processing in chinese : A meta-analysis. Journal of Cognitive Science, 2007, 8, 85-101.	0.2	1
149	Connectionist Bilingual Representation. , 2014, , 63-84.		1
150	Brain Mapping of Lexico-Semantic Functions in Bilinguals. Journal of Cognitive Science, 2015, 16, 1-15.	0.2	1
151	Native and Nonnative Processing of Acoustic and Phonological Information of Lexical Tones in Chinese: Behavioral and Neural Correlates. Chinese Language Learning Sciences, 2020, , 79-99.	0.3	1
152	Editorial: Emergentist Approaches to Language. Frontiers in Psychology, 2021, 12, 833160.	1.1	1
153	Editorial tribute to Elizabeth Bates. Bilingualism, 2005, 8, i-ii.	1.0	0
154	Sentence processing in late bilinguals : Comprehension of form and meaning. Journal of Cognitive Science, 2007, 8, 65-84.	0.2	0
155	Language and the brain: computational and neuroimaging evidence from Chinese. , 2010, , .		0