Ping Li

List of Publications by Year
in descending order

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	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
2	Digital Language Learning (DLL): Insights from Behavior, Cognition, and the Brain. Bilingualism, 2022, 25, 361-378.	1.0	30
3	Fuzzy or Clear? A Computational Approach Towards Dynamic L2 Lexical-Semantic Representation. Frontiers in Communication, 2022, 6, .	0.6	2
4	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
5	Neural mechanisms of language learning from social contexts. Brain and Language, 2021, 212, 104874.	0.8	13
6	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
7	Brain decoding in multiple languages: Can cross-language brain decoding work?. Brain and Language, 2021, 215, 104922.	0.8	6
8	Predicting Expository Text Processing: Causal Content Density as a Critical Expository Text Metric. Reading Psychology, 2021, 42, 625-662.	0.7	2
9	GAT-LI: a graph attention network based learning and interpreting method for functional brain network classification. BMC Bioinformatics, 2021, 22, 379.	1.2	16
10	Modeling Bilingual Lexical Processing Through Code-Switching Speech: A Network Science Approach. Frontiers in Psychology, 2021, 12, 662409.	1.1	5
11	Expertise, ecosystem, and emergentism: Dynamic developmental bilingualism. Brain and Language, 2021, 222, 105013.	0.8	16
12	Editorial: Emergentist Approaches to Language. Frontiers in Psychology, 2021, 12, 833160.	1.1	1
13	Language History Questionnaire (LHQ3): An enhanced tool for assessing multilingual experience. Bilingualism, 2020, 23, 938-944.	1.0	99
14	Effects of encoding modes on memory of naturalistic events. Journal of Neurolinguistics, 2020, 53, 100863.	0.5	13
15	Attentional control in interpreting: A model of language control and processing control. Bilingualism, 2020, 23, 716-728.	1.0	25
16	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
17	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
18	Challenges and Future Directions of Big Data and Artificial Intelligence in Education. Frontiers in Psychology, 2020, 11, 580820.	1.1	124

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19	Shared Neural Substrates Underlying Reading and Visual Matching: A Longitudinal Investigation. Frontiers in Human Neuroscience, 2020, 14, 567541.	1.0	5
20	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
21	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
22	A neuroimaging study of semantic representation in first and second languages. Language, Cognition and Neuroscience, 2020, 35, 1223-1238.	0.7	15
23	The social brain of language: grounding second language learning in social interaction. Npj Science of Learning, 2020, 5, 8.	1.5	41
24	Virtual reality for student learning: Understanding individual differences. Human Behaviour and Brain, 2020, , 28-36.	0.4	22
25	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
26	Interpreting: A window into bilingual processing. Bilingualism, 2020, 23, 703-705.	1.0	4
27	Scaling up: How computational models can propel bilingualism research forward. Bilingualism, 2019, 22, 682-684.	1.0	3
28	A longitudinal investigation of structural brain changes during second language learning. Brain and Language, 2019, 197, 104661.	0.8	31
29	Mechanisms for Auditory Perception: A Neurocognitive Study of Second Language Learning of Mandarin Chinese. Brain Sciences, 2019, 9, 139.	1.1	16
30	Neurocognitive Signatures of Naturalistic Reading of Scientific Texts: A Fixation-Related fMRI Study. Scientific Reports, 2019, 9, 10678.	1.6	15
31	Effects of native language experience on Mandarin lexical tone processing in proficient second language learners. Psychophysiology, 2019, 56, e13448.	1.2	27
32	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
33	The Bilingual Brain: Emergent, Dynamic, and Variable. Albert Costa (1970â€"2018). Trends in Cognitive Sciences, 2019, 23, 631-633.	4.0	3
34	Immersive Virtual Reality as an Effective Tool for Second Language Vocabulary Learning. Languages, 2019, 4, 13.	0.3	84
35	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
36	Effects of language proficiency on cognitive control: Evidence from resting-state functional connectivity. Neuropsychologia, 2019, 129, 263-275.	0.7	27

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37	A Multichannel 2D Convolutional Neural Network Model for Task-Evoked fMRI Data Classification. Computational Intelligence and Neuroscience, 2019, 2019, 1-9.	1.1	24
38	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
39	Reading comprehension in L1 and L2: An integrative approach. Journal of Neurolinguistics, 2019, 50, 94-105.	0.5	18
40	Bayesian Word Learning in Multiple Language Environments. Cognitive Science, 2018, 42, 439-462.	0.8	2
41	What predicts adult readers' understanding of STEM texts?. Reading and Writing, 2018, 31, 185-214.	1.0	15
42	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
43	Speaking two "Languages" 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
44	Cross-modal working memory binding and L1-L2 word learning. Memory and Cognition, 2017, 45, 1371-1383.	0.9	8
45	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
46	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
47	Lexical-Semantic Search Under Different Covert Verbal Fluency Tasks: An fMRI Study. Frontiers in Behavioral Neuroscience, 2017, 11, 131.	1.0	24
48	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
49	A Meta-Analytic Study of the Neural Systems for Auditory Processing of Lexical Tones. Frontiers in Human Neuroscience, 2017, 11, 375.	1.0	18
50	Bilingual Object Naming: A Connectionist Model. Frontiers in Psychology, 2016, 7, 644.	1.1	13
51	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
52	Neural Mechanisms of Dorsal and Ventral Visual Regions during Text Reading. Frontiers in Psychology, 2016, 7, 1399.	1.1	18
53	White-Matter Structural Connectivity Underlying Human Laughter-Related Traits Processing. Frontiers in Psychology, 2016, 7, 1637.	1.1	9
54	Second language learning success revealed by brain networks. Bilingualism, 2016, 19, 657-664.	1.0	29

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55	Hemispheric involvement in the processing of Chinese idioms: An fMRI study. Neuropsychologia, 2016, 87, 12-24.	0.7	27
56	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
57	What constrains simultaneous mastery of first and second language word use?. International Journal of Bilingualism, 2016, 20, 684-699.	0.6	9
58	Second language acquisition of Mandarin Chinese vocabulary: context of learning effects. Educational Technology Research and Development, 2015, 63, 671-690.	2.0	59
59	The Cognitive Science of Bilingualism. Language and Linguistics Compass, 2015, 9, 1-13.	1.3	75
60	Developmental changes in the early child lexicon in Mandarin Chinese. Journal of Child Language, 2015, 42, 505-537.	0.8	14
61	Identifying the causal link: Two approaches toward understanding the relationship between bilingualism and cognitive control. Cortex, 2015, 73, 358-360.	1.1	20
62	Neural changes underlying successful second language word learning: An fMRI study. Journal of Neurolinguistics, 2015, 33, 29-49.	0.5	118
63	Bidirectional lexical interaction in late immersed Mandarin-English bilinguals. Journal of Memory and Language, 2015, 82, 86-104.	1.1	52
64	Second language lexical development and cognitive control: A longitudinal fMRI study. Brain and Language, 2015, 144, 35-47.	0.8	80
65	Embodied cognition and language learning in virtual environments. Educational Technology Research and Development, 2015, 63, 639-644.	2.0	22
66	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
67	Second language experience modulates neural specialization for first language lexical tones. Journal of Neurolinguistics, 2015, 33, 50-66.	0.5	11
68	Task-dependent modulation of regions in the left temporal cortex during auditory sentence comprehension. Neuroscience Letters, 2015, 584, 351-355.	1.0	5
69	Brain Mapping of Lexico-Semantic Functions in Bilinguals. Journal of Cognitive Science, 2015, 16, 1-15.	0.2	1
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	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
72	Language history questionnaire (LHQ 2.0): A new dynamic web-based research tool. Bilingualism, 2014, 17, 673-680.	1.0	184

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73	Neuroplasticity as a function of second language learning: Anatomical changes in the human brain. Cortex, 2014, 58, 301-324.	1.1	361
74	Cognitive control, cognitive reserve, and memory in the aging bilingual brain. Frontiers in Psychology, 2014, 5, 1401.	1.1	98
75	Connectionist Bilingual Representation. , 2014, , 63-84.		1
76	The cross-cultural bilingual brain. Physics of Life Reviews, 2013, 10, 446-447.	1.5	6
77	Two faces, two languages: An fMRI study of bilingual picture naming. Brain and Language, 2013, 127, 452-462.	0.8	68
78	Access to lexical meaning in pitch-flattened Chinese sentences: An fMRI study. Neuropsychologia, 2013, 51, 550-556.	0.7	29
79	Syntax does not necessarily precede semantics in sentence processing: ERP evidence from Chinese. Brain and Language, 2013, 126, 8-19.	0.8	33
80	Simulating cross-language priming with a dynamic computational model of the lexicon. Bilingualism, 2013, 16, 288-303.	1.0	38
81	Computational modeling of bilingualism: How can models tell us more about the bilingual mind?. Bilingualism, 2013, 16, 241-245.	1.0	19
82	Self-organizing map models of language acquisition. Frontiers in Psychology, 2013, 4, 828.	1.1	29
83	Chapter 9. Connectionist models of second language acquisition. AILA Applied Linguistics Series, 2013, , 177-198.	0.1	6
84	Electrophysiological evidence of categorical perception of Chinese lexical tones in attentive condition. NeuroReport, 2012, 23, 35-39.	0.6	25
85	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
86	Brain Networks of Explicit and Implicit Learning. PLoS ONE, 2012, 7, e42993.	1.1	97
87	Lexical representation of nouns and verbs in the late bilingual brain. Journal of Neurolinguistics, 2011, 24, 674-682.	0.5	41
88	Timed Picture Naming Norms for Mandarin Chinese. PLoS ONE, 2011, 6, e16505.	1.1	72
89	Cortical Dynamics of Acoustic and Phonological Processing in Speech Perception. PLoS ONE, 2011, 6, e20963.	1.1	60
90	Contextual self-organizing map: software for constructing semantic representations. Behavior Research Methods, 2011, 43, 77-88.	2.3	18

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91	Advances in Knowledge Discovery and Data Analysis for Artificial Intelligence. Journal of Experimental and Theoretical Artificial Intelligence, 2011, 23, 1-3.	1.8	4
92	Common and distinct neural substrates for the perception of speech rhythm and intonation. Human Brain Mapping, 2010, 31, 1106-1116.	1.9	36
93	Structure and meaning in Chinese: An ERP study of idioms. Journal of Neurolinguistics, 2010, 23, 615-630.	0.5	29
94	Categorical perception of lexical tones in Chinese revealed by mismatch negativity. Neuroscience, 2010, 170, 223-231.	1.1	147
95	Bilingual lexical interactions in an unsupervised neural network model. International Journal of Bilingual Education and Bilingualism, 2010, 13, 505-524.	1.1	97
96	Language and the brain: computational and neuroimaging evidence from Chinese. , 2010, , .		0
97	Editorial: State of <i>BLC</i>. Bilingualism, 2009, 12, 1-1.	1.0	2
98	Lexical Organization and Competition in First and Second Languages: Computational and Neural Mechanisms. Cognitive Science, 2009, 33, 629-664.	0.8	43
99	Acquisition of aspect in self-organizing connectionist models. Linguistics, 2009, 47, .	0.5	8
100	An online database of phonological representations for Mandarin Chinese. Behavior Research Methods, 2009, 41, 575-583.	2.3	18
101	Aspectual asymmetries in the mental representation of events: Role of lexical and grammatical aspect. Memory and Cognition, 2009, 37, 587-595.	0.9	23
102	Neural Correlates of Nouns and Verbs in Early Bilinguals. Annals of the New York Academy of Sciences, 2008, 1145, 30-40.	1.8	50
103	Early vocabulary inventory for Mandarin Chinese. Behavior Research Methods, 2008, 40, 728-733.	2.3	42
104	Does frequency count? Parental input and the acquisition of vocabulary. Journal of Child Language, 2008, 35, 515-531.	0.8	285
105	Cortical competition during language discrimination. NeuroImage, 2008, 43, 624-633.	2.1	30
106	Neurolinguistic Computational Models. , 2008, , 229-236.		7
107	Neurocognitive approaches to bilingualism: Asian languages. Bilingualism, 2007, 10, 117-119.	1.0	9
108	ERP signatures of subject–verb agreement in L2 learning. Bilingualism, 2007, 10, 161-174.	1.0	132

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109	Age of acquisition: Its neural and computational mechanisms.. Psychological Bulletin, 2007, 133, 638-650.	5.5	254
110	Word naming and psycholinguistic norms: Chinese. Behavior Research Methods, 2007, 39, 192-198.	2.3	128
111	Dynamic Selfâ€Organization and Early Lexical Development in Children. Cognitive Science, 2007, 31, 581-612.	0.8	157
112	Context effects in lexical ambiguity processing in chinese : A meta-analysis. Journal of Cognitive Science, 2007, 8, 85-101.	0.2	1
113	Sentence processing in late bilinguals : Comprehension of form and meaning. Journal of Cognitive Science, 2007, 8, 65-84.	0.2	0
114	Perception and production of Mandarin Chinese tones. , 2006, , 209-217.		47
115	Brain mapping of Chinese speech prosody. , 2006, , 308-319.		13
116	Introduction: new frontiers in Chinese psycholinguistics. , 2006, , 1-10.		5
117	The importance of verbs in Chinese. , 2006, , 124-135.		6
118	Lexical ambiguity resolution in Chinese sentence processing. , 2006, , 268-278.		15
119	Language processing in bilinguals as revealed by functional imaging: a contemporary synthesis. , 2006, , 287-295.		2
120	The Chinese character in psycholinguistic research: form, structure, and the reader. , 2006, , 195-208.		9
121	Language history questionnaire: A Web-based interface for bilingual research. Behavior Research Methods, 2006, 38, 202-210.	2.3	277
122	Disease but No Sheep. Science, 2006, 311, 1867-1867.	6.0	1
123	Mental Representation of Verb Meaning: Behavioral and Electrophysiological Evidence. Journal of Cognitive Neuroscience, 2006, 18, 1774-1787.	1.1	32
124	6. In search of meaning. Human Cognitive Processing, 2006, , 109-137.	0.1	2
125	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
126	Editorial tribute to Elizabeth Bates. Bilingualism, 2005, 8, i-ii.	1.0	0

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127	The emergence of competing modules in bilingualism. Trends in Cognitive Sciences, 2005, 9, 220-225.	4.0	297
128	Early lexical development in a self-organizing neural network. Neural Networks, 2004, 17, 1345-1362.	3.3	219
129	Neural representations of nouns and verbs in Chinese: an fMRI study. NeuroImage, 2004, 21, 1533-1541.	2.1	131
130	Imaging bilinguals: When the neurosciences meet the language sciences. Bilingualism, 2003, 6, 159-165.	1.0	27
131	Raising Children Bilingual: : Should We, and When?. PsycCritiques, 2003, 48, 667-669.	0.0	2
132	3 A self-organizing connectionist model of bilingual processing. Advances in Psychology, 2002, 134, 59-85.	0.1	60
133	Bilingualism is in dire need of formal models. Bilingualism, 2002, 5, 213-213.	1.0	10
134	PatPho: A phonological pattern generator for neural networks. Behavior Research Methods, 2002, 34, 408-415.	1.3	33
135	STEPâ€"A System for Teaching Experimental Psychology using E-Prime. Behavior Research Methods, 2001, 33, 287-296.	1.3	37
136	Aspect and Assertion in Mandarin Chinese. Natural Language and Linguistic Theory, 2000, 18, 723-770.	0.6	93
137	Judgements of grammaticality in aphasia: The special case of Chinese. Aphasiology, 2000, 14, 1021-1054.	1.4	14
138	The Acquisition of Lexical and Grammatical Aspect. , 2000, , .		187
139	Context effects and the processing of spoken homophones. Reading and Writing, 1998, 10, 223-243.	1.0	46
140	Mental control, language tags, and language nodes in bilingual lexical processing. Bilingualism, 1998, 1, 92-93.	1.0	15
141	The acquisition of lexical and grammatical aspect in Chinese. First Language, 1998, 18, 311-350.	0.5	85
142	Context effects and the processing of spoken homophones. Neuropsychology and Cognition, 1998, , 69-89.	0.6	11
143	Why don't L2 learners end up with uniform and perfect linguistic competence?. Behavioral and Brain Sciences, 1996, 19, 733-734.	0.4	2
144	The temporal structure of spoken sentence comprehension in Chinese. Perception & Psychophysics, 1996, 58, 571-586.	2.3	33

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145	Spoken Word Recognition of Code-Switched Words by Chinese–English Bilinguals. Journal of Memory and Language, 1996, 35, 757-774.	1.1	112
146	Cryptotype, Overgeneralization and Competition: A Connectionist Model of the Learning of English Reversive Prefixes. Connection Science, 1996, 8, 3-30.	1.8	40
147	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
148	Sentence interpretation in bilingual speakers of English and Chinese. Applied Psycholinguistics, 1992, 13, 451-484.	0.8	118
149	Cues as Functional Constraints on Sentence Processing in Chinese. Advances in Psychology, 1992, 90, 207-234.	0.1	15
150	The noun-verb problem in Chinese aphasia. Brain and Language, 1991, 41, 203-233.	0.8	116
151	Naming of Chinese phonograms: from cognitive science to cognitive neuroscience. , 0, , 346-357.		2
152	Computational modeling of bilingual language acquisition and processing: conceptual and methodological considerations. , 0, , 85-107.		3
153	CROSSLINGUISTIC VARIATION AND SENTENCE PROCESSING: THE CASE OF CHINESE. Syntax and Semantics, 0, , 33-53.	0.0	13
154	Computational mechanisms of development? Connectionism and bilingual lexical representation. Bilingualism, 0, , 1-2.	1.0	2
155	Understanding the Interaction between Technology and the Learner: The Case of DLL. Bilingualism, 0, , 1-4.	1.0	2