

战立侃

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- 最近更新: 2026 年 02 月 25 日

个人简介

战立侃, 北京语言大学副教授, 基础心理学、语言病理学硕士生导师。澳大利亚麦考瑞大学认知科学博士, 瑞典林奈大学数学系访问学者。主要研究兴趣包括语言理解、逻辑推理、量子认知、心理理论和社会性认知等, 及相关课题在典型和发展障碍儿童中的应用。主持国家社科基金一项, 发表 SCI 和 SSCI 论文数十篇。

职业经历

- 2018.12 ~ 现在, 副教授, 北京语言大学心理与认知科学学院
- 2024.03 ~ 2025.04, 访问学者, 瑞典林奈大学数学系
- 2016.06 ~ 2018.11, 助理研究员, 北京语言大学语言康复学院
- 2014.10 ~ 2016.05, 助理研究员, 北京语言大学语言科学院

教育经历

- 2010.10 ~ 2014.09, 澳大利亚麦考瑞大学, 认知科学专业, 哲学博士
- 2007.09 ~ 2010.07, 北京语言大学, 认知心理学专业, 教育学硕士
- 2000.09 ~ 2004.07, 北京语言大学, 对外汉语教学专业, 文学学士

教学经历

- 2025 ~ 现在, 语言学概论, 每周 2 课时, 言语听觉本科生
- 历史授课:
 - 教育心理学 (2022 ~ 2024)
 - Julia 语言与统计学 (2021 ~ 2024)
 - R 语言与统计 (2016 ~ 2021)
 - 实验心理学 (2019 ~ 2021)
 - 神经语言学 (2019 ~ 2021)
 - 行为科学统计学 (2017 ~ 2024)
 - 认知神经科学 (2015 ~ 2020)
 - 医学文献检索与阅读 (2015 ~ 2021)

项目、平台和奖励

1. 项目

- 2019 ~ 2023, 现代汉语非现实句的在线加工和习得研究, 国家社会科学基金一般项目, [批准号: 19BYY087], 20 万, 主持人
- 2019 ~ 2020, 语言理解中预测性加工的眼动和神经振荡模式研究, 北京语言大学学院级团队项目, [批准号: 19YJ080002], 7 万, 主持人
- 2018 ~ 2023, 生成语法的汉语研究与新时代汉语语法理论创新, 国家社科基金重大项目, [批准号: 18ZDA291], 80 万, 参与者
- 2019 ~ 2020, 现代汉语声调加工和习得研究, 北京语言大学校级一般项目, [批准号: 18YBT15], 7 万, 主持人
- 2018 ~ 2023, 句法制图视角下的语言习得与认知研究, 北京语言大学校级重大项目, [批准号: 18ZDJ06], 30 万, 子项目负责人
- 2015 ~ 2016, 可能世界语义学的实验研究, 北京语言大学博士科研启动金, [批准号: 15YBB29], 2 万, 主持人
- 2015 ~ 2016, 普通心理学, 北京语言大学新任教师支持基金, [批准号: FD201530], 0.7 万, 主持人
- 2015 ~ 2016, 现代汉语声调习得研究, 北京语言大学学院级项目, [批准号: 15YJ050003], 7 万, 主持人
- 2010 ~ 2014, 自然语言中条件句的理解, 麦考瑞大学认知科学博士生项目, 1 万澳元, 主持人
- 2013.10, 自然语言中条件句假设特征研究, 麦考瑞大学博士生研究基金, 0.46 万澳元, 主持人

2. 合作平台

- 2019 ~ 现在, 汉语作为第二语言的习得和教学研究创新团队, 北京语言大学一流学科团队建设计划 (隼才计划), 参与者
- 2018 ~ 现在, 特殊儿童青少年的心智发展和脑发育特征研究创新平台, 北京语言大学梧桐创新平台, 参与者

3. 奖励

- 2013.11, 第 38 届波士顿儿童语言发展研讨会, 旅行奖励 300 美元
- 2013.04, 第 26 届纽约城市大学句子加工会议, 旅行奖励 350 美元

学术兼职

1. 匿名评审

Acta Psychologica (2025 -)

Architectures and Mechanisms for Language Processing (AMLaP) (2024 -)

Annual Conference on Human Sentence Processing (HSP) (2024 -)

Journal of Psycholinguistic Research (2023 -)
Journal of Pragmatics (2022 -)
Cognition (2021 -)
International Journal of Developmental Disabilities (2021 -)
Language, Cognition and Neuroscience (2021 -)
First Language (2021 -)
Frontiers in Psychology (2020 -)
Scientific Reports (2018 -)
Journal of Visualized Experiments (2018 -)
语言教学与研究 (2016 -)
SAGE Open (2016 -)

2. *Frontiers in Psychology*, Review Editor in Language Sciences (2020 -)

3. 会议组织






- 国际中国语言学会第 24 届年会，会务组和咨询委员会委员，2016 年 7 月 17 日-19 日，北京语言大学














4. 执业资格


- 韦氏婴幼儿智力量表第四版（WPPSI-VI）中文版主试资格
- 适应性行为评定量表第二版（ABAS-II）中文版主试资格



出版物

1. 杂志论文


- Yang, X., & **Zhan, L.** (2026). Orthographic processing was facilitated by phonologically but not semantically similar distractors: Evidence from the visual structure judgment of Mandarin Chinese characters using the Flanker paradigm. *Cognitive Processing*. <https://doi.org/10.1007/s10339-026-01336-6> 
- **Zhan, L.**, Lv, W., Yin, L., Guo, C., & Lu, C. (2025). Tone disruptions in Mandarin post-stroke aphasia: an fNIRS study on Broca's area using the auditory oddball paradigm. *Neurophotronics*, 13(S1). <https://doi.org/10.1117/1.NPh.13.S1.S13006> 
- Yang, X., **Zhan, L.**, & Wang, Y. (2025). Semantic projection as a method to measure individual differences in semantic scale length: insights from autism-related traits. *Scientific Reports*, 15, 40119. <https://doi.org/10.1038/s41598-025-23993-x> 
- **Zhan, L.**, Wang, M. (2025). Probabilities of conditionals: The relevance effect might be confounded by the existence of boundary cases. *Psychonomic Bulletin & Review*. <https://doi.org/10.3758/s13423-025-02725-2> 
- Lu, C., Wang, M., **Zhan, L.**, & Lu, M. (2025). Unveiling Cognitive Interference: fNIRS Insights Into Poststroke Aphasia During Stroop Tasks. *Neural Plasticity*, 2025, 1456201. <https://doi.org/10.1155/np/1456201> 

- Xie, Y., Zhou, P., **Zhan, L.**, & Xue, Y. (2025). Low-frequency neural activity tracks syntactic information through semantic mediation. *Brain and Language*, 261. <https://doi.org/10.1016/j.bandl.2025.105532> 
- **Zhan, L.**, Khrennikov, A., & Zhu, Y. (2024). Violation of Leggett–Garg inequality in perceiving cup-like objects and cognitive contextuality. *Entropy*, 26(11). <https://doi.org/10.3390/e26110950> 
- **Zhan, L.**, & Zhou, P. (2023). The online processing of hypothetical events: A visual world eye-tracking study on conditionals and causal statements. *Experimental Psychology*, 70(2), 108-117. <https://doi.org/10.1027/1618-3169/a000579> 
- Zhou, P., Shi, J., & **Zhan, L.** (2021). Real-time comprehension of garden-path constructions by preschoolers: A Mandarin perspective. *Applied Psycholinguistics*, 42(1), 181-205. <https://doi.org/10.1017/S0142716420000697> 
- Zhou, P., Ma, W., & **Zhan, L.** (2019). A deficit in using prosodic cues to understand communicative intentions by children with autism spectrum disorders: An eye-tracking study. *First Language*. <https://doi.org/10.1177/0142723719885270> 
- Zhou, P., **Zhan, L.**, & Ma, H. (2019). Understanding others' minds: Social inference in preschool children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 49(11), 4523-4534. <https://doi.org/10.1007/s10803-019-04167-x> 
- Zhou, P., **Zhan, L.**, & Ma, H. (2019). Predictive language processing in preschool children with Autism Spectrum Disorder: An eye-tracking study. *Journal of Psycholinguistic Research*, 48(2), 431-452. <https://doi.org/10.1007/s10936-018-9612-5> 
- **Zhan, L.** (2018). Using eye movements recorded in the visual world paradigm to explore the online processing of spoken language. *Journal of Visualized Experiments*, 140, e58086. <https://doi.org/10.3791/58086> 
- Zhou, P., Ma, W., **Zhan, L.**, & Ma, H. (2018). Using the visual world paradigm to study sentence comprehension in Mandarin-speaking children with autism. *Journal of Visualized Experiments*, 140, e58452. <https://doi.org/10.3791/58452> 
- **Zhan, L.**, Zhou, P., & Crain, S. (2018). Using the visual-world paradigm to explore the meaning of conditionals in natural language. *Language, Cognition and Neuroscience*, 33(8), 1049-1062. <https://doi.org/10.1080/23273798.2018.1448935> 
- **Zhan, L.** (2018). Scalar and ignorance inferences are both computed immediately upon encountering the sentential connective: The online processing of sentences with disjunction using the visual world paradigm. *Frontiers in Psychology*, 9. <https://doi.org/10.3389/fpsyg.2018.00061> 
- Moscati, V., **Zhan, L.**, & Zhou, P. (2017). Children's on-line processing of epistemic modals. *Journal of Child Language*, 44(5), 1025-1040. <https://doi.org/10.1017/S0305000916000313> 
- **Zhan, L.**, Crain, S., & Zhou, P. (2015). The online processing of only if- and even if- conditional statements: Implications for mental models. *Journal of Cognitive Psychology*, 26(7), 367-379. <https://doi.org/10.1080/20445911.2015.1016527> 
- Zhou, P., Crain, S., & **Zhan, L.** (2014). Grammatical aspect and event recogni-






tion in children's online sentence comprehension. *Cognition*, 133(1), 262-276. <https://doi.org/10.1016/j.cognition.2014.06.018> 


- Zhou, P., Crain, S., & **Zhan, L.** (2012). Sometimes children are as good as adults: The pragmatic use of prosody in children's on-line sentence processing. *Journal of Memory and Language*, 67(1), 149-164. <https://doi.org/10.1016/j.jml.2012.03.005> 
- Zhou, P., Su, Y., Crain, S., Gao, L., & **Zhan, L.** (2012). Children's use of phonological information in ambiguity resolution: A view from Mandarin Chinese. *Journal of Child Language*, 39(04), 687-730. <https://doi.org/10.1017/S0305000911000249> 

2. 会议论文集、书、或书的章节









- **Zhan, L.** (2015). *The Interpretation of Conditionals in Natural Language*. Saarbrücken, Germany: Lap Lambert Academic Publishing.
- **Zhan, L.** (2018). Magnetoencephalography (MEG) as a Technique for Imaging Brain Function and Dysfunction. In *Top 10 Contributions on Psychology* (Chapter 4, pp. 1-38). Telangana, India: Avid Science 
- **Zhan, L.**, Crain, S., & Zhou, P. (2013). The anticipatory effects of focus operators: A visual-world paradigm eye-tracking study of "only if" and "even if" conditionals. In N. Goto, K. Otaki, A. Sato, & K. Takita (Eds.), *Proceedings of GLOW in Asia IX 2012*. Mie University, Japan.

3. 同行评审的大会报告

- **Zhan, L.**, Xue, Y., Zhou, P., & Xie, Y. (2024, September). *Does cortical tracking signify linguistic hierarchical structures in the visual domain?* Poster session presented at the 30th Architectures and Mechanisms for Language Processing (AMLaP24), University of Edinburgh, Scotland. 
- **Zhan, L.**, Khrennikov, A. (2024, June). *Violation of Leggett–Garg inequality in perceiving bistable cup-like objects*. Poster session presented at the 25th Quantum Information and Probability: from Foundations to Engineering (QIP24), Linnaeus University, Växjö, Sweden. 
- **Zhan, L.** (2023, April). *The modality engendered by negation and where to find it*. Oral session presented at the 14th Biennial Academic Conference of Beijing Language and Culture University, Beijing, China. 
- **Zhan, L.** (2020, October). *Non-factual property entailed by conditionals has to be endorsed by a valid theory of verbal reasoning*. Oral session presented at the 13th Biennial Academic Conference of Beijing Language and Culture University, Beijing, China. 
- **Zhan, L.**, & Zhou, P. (2019, June). *Children differ from adults in interpreting disjunctions: Evidence from an eye-tracking study*. Poster session presented at Psycholinguistics in Iceland - Parsing and Prediction, University of Iceland, Reykjavík, Iceland. 

- **Zhan, L.** (2017, September). *Scalar implicature and ignorance inference are both locally computed: Evidence from the online processing of disjunctions using the visual world paradigm*. Oral session presented at the Second High-level Forum on Cognitive Linguistics, University of International Business and Economics, Beijing, China. 
 - **Zhan, L.**, Crain, S., & Zhou, P. (2013, November). *Going beyond the information that is perceived: The hypothetical property of if-conditionals in Mandarin Chinese*. Oral session presented at the Second International Conference on Psycholinguistics in China, Fuzhou, China.
 - Moscati, V., **Zhan, L.**, & Zhou, P. (2013, November). *Reasoning on possibilities: An eye tracking study on modal knowledge*. Poster session presented at the 38th Annual Boston University Conference on Language Development, Boston University, MA.
 - Zhou, P., Crain, S., & **Zhan, L.** (2013, November). *Anticipatory eye movements in children's processing of grammatical aspect*. Poster session presented at the 38th Annual Boston University Conference on Language Development, Boston University, MA.
 - **Zhan, L.**, Crain, S., & Zhou, P. (2013, March). *The hypothetical property of "if"-statements: A visual-world paradigm eye-tracking study*. Poster session presented at CUNY2013: The 26th annual CUNY Sentence Processing Conference, Columbia, SC.
 - **Zhan, L.**, Crain, S., & Zhou, P. (2012, July). *The interpretation of conditionals*. Oral session presented at the 7th International Conference on Thinking (ICT2012), Birkbeck/UCL, London, UK.
 - Zhou, P., Crain, S., & **Zhan, L.** (2012, March). *Children's pragmatic use of prosody in sentence processing*. Poster session presented at the 35th Generative Linguistics in the Old World (GLOW) Workshop: Production and Perception of Prosodically-Encoded Information Structure, University of Potsdam, Potsdam, Germany.
 - **Zhan, L.**, Crain, S., & Khlentzos, D. (2011, August). *The basic semantics of conditionals in natural language*. Oral session presented at the Harvard-Australia Workshop on Language, Learning and Logic, Macquarie University, Sydney, Australia.
 - Zhou, P., Crain, S., Gao, L., & **Zhan, L.** (2010, September). *The role of prosody in children's focus identification*. Oral session presented at the Generative Approaches to Language Acquisition - North America 4 (GALANA-4), Toronto, Canada.
 - Zhou, P., Su, Y., Crain, S., Gao, L., & **Zhan, L.** (2010, August). *Children's use of prosodic information in ambiguity resolution*. Oral session presented at the 8th Conference of Generative Linguistics in the Old World Asia (GLOW-in-Asia 8), Beijing, China.
4. 受邀报告
- **Zhan, L.**, Khrennikov, A., & Zhu, Y. (2024, August). *Confirming cognitive contextuality: Violation of the Leggett-Garg inequality and demonstration of cognitive hysteresis in perceiving cup-like objects*. Invited presentation given at 19th Southeast

Conference in Mathematics, Blekinge Institute of Technology, Karlskrona, Sweden. 

- **Zhan, L.** (2024, May). *Probability of implication*. Invited presentation given at Department of Mathematics, Linnaeus University, Växjö, Sweden. 
- **Zhan, L.** (2023, November). *Visual world paradigm: An eye-tracking technique to study the real time processing of spoken Language*. Invited presentation given at the “The Frontier of Language and Cognitive Science: Perspectives from Chinese and Western Scholars” Lecture Series organized by the Center for the Cognitive Science of Language, Beijing Language and Culture University, Beijing, China. 
- **Zhan, L.** (2022, May). *Mixed Models with Julia*. Invited virtual lecture given at the course of *Language* organized by Prof. Zhou. 
- **Zhan, L.** (2020, October). *Language and Language Development*. Invited lecture given at the course of *Language +* organized by Prof. Si. 
- **Zhan, L.** (2019, August). *Gardener or carpenter: Some thoughts on nurturing a child*. Invited presentation given at Smiland Daycare Center. 
- **Zhan, L.** (2018, December). *Sentential reasoning and sentential connectives: Conditional, disjunction, negation, and modality*. Invited presentation given at the Workshop of Theoretical and Experimental Linguistics, Tsinghua University, Beijing, China. 
- **Zhan, L.** (2018, November). *Methods of cognitive neuroscience: Focus on language*. Invited presentation given at the Child Cognition Laboratory, Department of Foreign Languages and Literatures, Tsinghua University, Beijing, China. 
- **Zhan, L.** (2018, November). *Visual world paradigm: An eye-tracking technique to study the real time processing of spoken Language*. Invited presentation given at the Center for Studies of Chinese as a Second Language, Beijing Language and Culture University, Beijing, China. 
- **Zhan, L.** (2018, October). *Experimental Builder: A what-you-see-is-what-you-get tool to build experiment scripts*. Invited presentation given at the Center for Studies of Chinese as a Second Language, Beijing Language and Culture University, Beijing, China. 