# Yaqian Bao

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Reading Lab, ARiEAL Research Center
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## EDUCATION

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|---|---|
| 2023 - | Ph.D., Cognitive Science of Language, McMaster University <br> Supervisor: Dr. Victor Kuperman |
| 2019 - 2022 | M.Sc. Psychology, Institute of Psychology, Chinese Academy of Sciences <br> Supervisor: Dr. Xingshan Li |
| 2013 - 2017 | B.A., Management, School of Public Administration, Dongbei University of Finance and Economics |

## PUBLICATIONS

**Bao, Y.B.,** Li, X. & Kuperman, V. (2025). The eye movement database of passage reading in vertically written traditional Mongolian. *Scientific Data,* 12, 499. https://doi.org/10.1038/s41597-025-04771-w

**Borjigin, B.,** Zhang, G., Hou, Y., & Li, X. (2024). Perceptual span in Mongolian text reading. *Current Psychology*, 1-8*.* https://doi.org/10.1007/s12144-024-06074-6

Chen, R., **Bao,Y.,** Huang, L.,& Li, X. (2023). An Introduction to the Chinese Reading Model (CRM). *Studies of Psychology and Behavior, 21*(6): 725-735. https://doi.org/10.12139/j.1672-0628.2023.06.002

Gu, J., Zhou, J., **Bao, Y.,** Liu, J., Perea, M., & Li, X. (2022). The effect of transposed-character distance in Chinese reading. *Journal of Experimental Psychology: Learning, Memory, and Cognition.* https://doi.org/10.1037/xlm0001180

Zhang, G., Yao, P., Ma, G., Wang, J., Zhou, J., Huang, L., Xu, P., Chen, L., Chen, S., Gu, J., Wei, W., Cheng, X., Hua, H., Liu, P., Lou, Y., Shen, W., **Bao, Y.,** Liu, J., Lin, N., & Li, X. (2022). The database of eye-movement measures on words in Chinese reading. *Scientific Data*, *9*(1), 411. https://doi.org/10.1038/s41597-022-01464-6

## SCHOLARLY PRESENTATIONS

**Bao,Y** & Kuperman, V. (2024). Comparative analysis of saccadic main sequence in horizontal and vertical reading. *European Conference on Eye Movements*, Ireland, **August 25-29, 2024**.
☞*won the Keith Rayner Memorial Award for best oral presentation* 🤗

**Bao,Y.** (2023). Perceptual Span in Mongolian Text Reading. *Words in the World International Conference*, Canada, **December 1-2, 2023.**

**Bao,Y.**, Zhang, G., Hou, Y., & Li, X. (2022). How to read the vertical text: Eye movement characteristics in Mongolian reading. *The 1st "Rising Stars" Forum on Cognitive and Developmental Psychology, Beijing*, China, **November 18 – 19, 2021**.

**Bao,Y.**, Zhang, G., Hou, Y., & Li, X. (2022). Perceptual span and visual attention deployment during Mongolian reading. *The 23rd National Academic Conference of Psychology*, Hohhot, China, **October 29 – 31, 2021**.

## TEACHING ASSISTANT

**McMaster University**
    LING 2DD3      Statistics for Language Research Winter 2025
    LING 1EE3      Structure of Modern English    Winter 2024
    LING 1E03       Introductions to English Linguistics    Fall 2023
**Institute of Psychology, Chinese Academy of Science**
    Psycholinguistics    Spring 2019

## WORK/ RESEARCH EXPERIENCE

**Data Scientist**    **2024.9 – 2025.4**
Statistics Canada | Statistique Canada

**Research Assistant**    **2022.7 – 2023.7**
Reading and Visual Cognition Lab, Institute of Psychology, Chinese Academy of Sciences,
Project: *Individual Differences in Reading Comprehension*.

**Data Analyst**    **2017.5 – 2019.5**
Shanghai Financial Consulting Co., Ltd.

## EXPERTISE

Language Skills:      Native in **Mongolian**, Native-like in **Chinese**, Proficient in **English**

Software Skills:      **R, Python, Matlab**, Photoshop, etc.

Experimental Skills:    Proficient in **Eye-tracking, EEG, Psycholinguistic** experiments and **Behavioral** experiments