

CURRICULUM VITAE – BAIWEI LIU

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Citations: <https://scholar.google.com/citations?user=ijPbNNMAAAAJ&hl=en>

— POSITIONS —

Postdoctoral Fellow 2025 – Now	Laboratory of Freek van Ede Vrije Universiteit Amsterdam, NL
PhD (Cum laude, top 3% in NL) 2020 – 2025	Laboratory of Freek van Ede Vrije Universiteit Amsterdam, NL
Master 2018 – 2020	Laboratories of Jan Theeuwes and Christian Olivers Vrije Universiteit Amsterdam, NL

— AWARDS —

2022 **Best Poster Award**, European Conference on Eye Moments (ECM)

— PUBLICATIONS —

9. Liu, B. & van Ede, F. (2025) Concurrent selection of internal goals and external sensations during visual search. *Science Advances*
8. Liu, B., Siyang K., & van Ede, F. (2025) Microsaccades strongly modulate but do not cause the N2pc EEG marker of spatial attention. *Plos Biology*
7. Liu, B., Alexopoulou Z. S., Siyang K., Zonneveld A., & van Ede, F. (2023) Sparse spatial scaffolding for visual working memory. *BioRxiv*
6. Liu, B., Alexopoulou Z. S., & van Ede, F. (2024) High-level visual cognition deep down in the brain. *Trends in Cognitive Sciences*
5. Liu, B., Alexopoulou Z. S., & van Ede, F. (2024) Attentional shifts bias microsaccade direction but do not cause new microsaccades? *Communications Psychology*
4. Liu, B., Alexopoulou Z. S., & van Ede, F. (2024) Jointly looking to the past and the future in visual working memory. *Elife*
3. Liu, B., Nobre, A. C. & van Ede, F. (2023) Microsaccades transiently lateralise EEG alpha activity. *Progress in Neurobiology*
2. Liu, B., Nobre, A. C. & van Ede, F. (2022) Functional but not obligatory link between microsaccades and neural modulation by covert spatial attention. *Nature communications*
1. Liu, B., Li X., Theeuwes J., Wang B. (2022) Long-term memory retrieval bypasses working memory. *NeuroImage*

— TALKS —

2022 Vision Science Society (VSS) conference, USA

2024 Working Memory Symposium (WMS) online meeting

2023 Cognitive Neuroscience Society (CNS) conference, USA

2022 Vision Science Society (VSS) conference, USA

2021 Working Memory Symposium (WMS) online meeting

— RESPONSIBILITIES —

2023-2024 **PhD Representative**, Cognitive Psychology Section, Vrije Universiteit Amsterdam

— SUPERVISION OF STUDENT —

2025 **2 Master students** (Nara Alshawareb, Roos Kallansee)

2024 **1 Master student** (Siyang Kong)

2023 **2 Master students** (Eleni Evangelidi, Joelle Simon)

2022 **2 Master students** (Ruiheng Zhang, Sofia Alexopoulou)

— REVIEW —

Journal of Neuroscience | Nature Communications | Communications Psychology | Imaging Neuroscience | Journal of Vision | Memory and Cognition.

— SKILL —

Coding: Python | Matlab

Design and Analysis: Behavior | Electrophysiology | Eye movement | fMRI | Machine learning

Language: English | Chinese

— REFERENCES —

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