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**The lexico-semantic representation of words in the mental lexicon =
De lexico-semantiche representatie van woorden in het mentale
lexicon**

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Citation

Wang, Y. (2025, September 25). *The lexico-semantic representation of words in the mental lexicon = De lexico-semantiche representatie van woorden in het mentale lexicon*. LOT dissertation series. LOT, Amsterdam. Retrieved from <https://hdl.handle.net/1887/4261760>

Version: Publisher's Version

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Note: To cite this publication please use the final published version (if applicable).

Curriculum Vitae

Yufang Wang was born in December 1994 and grew up in Baiyin, a city in the northwestern Chinese province of Gansu. After graduating from the “Baiyin No.1 Middle School” in her hometown, she moved to Guangzhou and completed a BSc in Rehabilitation Therapy at the Southern Medical University (China) in 2017. Then, she moved to Chengdu and obtained an MSc in Neurobiology at the University of Electronic Science and Technology of China in 2020. During her MSc in Neurobiology, she conducted research in “The modulation of pain by music” at the Chinese laboratory in Neuroinformatics. After her MSc in Neurobiology, she worked in a company teaching researchers from the medical and social sciences to analyse brain-related data, such as EEG and fMRI. In November of 2020, she was sponsored by the CSC as a PhD candidate at the Leiden University Centre for Linguistics (The Netherlands). She was supervised by Prof. Dr. Niels O. Schiller and Dr. Jurriaan Witteman on her project on the neurocognitive encoding of words. Her research is primarily focused on the representation of semantic and lexico-syntactic features in the mental lexicon of native Mandarin Chinese speakers. These research interests are also reflected in the present thesis, which contains the main findings of the research in her PhD project. In the last two years of her PhD, she completed a research MSc in Statistics and Data Science at the Faculty of Science at Leiden University (The Netherlands). In her master’s thesis, she worked on Bayesian shrinkage and interpretable

machine learning methods for high-dimensional survival data analysis under the supervision of Prof. Dr. Mark A. van de Wiel and Dr. Hessel Peters-Sengers at Amsterdam University Medical Center (Amsterdam UMC).