

Ying Yao

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EDUCATION

University of Glasgow, UK 2024-present

PhD student in Psychology & Neuroscience

Supervisor: Prof. Simon Hanslmayr, Prof. Maria Wimber

Project Title: *The Role of Theta Phase Reset in Memory Encoding and Retrieval*

South China Normal University, China 2021-2024

MA in Psychology

Supervisor: Dr. Biao Han

Thesis Title: *Distinct Functional Role of Alpha Oscillation in Parietal and Occipital Cortex During Orientation of Visual-spatial Attention: Evidence from sEEG Study*

Zhejiang Sci-Tech University, China 2016-2020

BA in English | GPA: 3.67/4

Thesis Title: *A Study on the Translation for Cultural Communication of Chinese Seal-engraving from the Perspective of the Prototype-model Translation Theory: A Case of Xiling Engravers' Society*

PUBLICATIONS

Ying Y., Biao H. Effects of Frequency of Alpha Oscillation in Subjective Time Perception. In preparation.

Poster Presentation. Ying Y., Qi Chen, Biao Han. (2023, May). Alpha Oscillation Fulfil Distinct Functional Role During Endogenous Attentional Orienting. *Academic Conference of Neuroimaging Division, Chinese Neuroscience Society, Guangzhou.*

EXPERIMENTAL EXPERIENCE

- Conducted a series of intracranial EEG experiments involving epileptic patients, encompassing paradigms focused on sensory perception, working memory, and visual illusion.
- Collaborated in an EEG investigation delving into the complexities of the double flash illusion.
- Participated in thorough aesthetics-focused fMRI study, including precise subject recruitment, advanced analysis discourse, and literature review.

SKILLS SUMMARY

Programming

- Proficient in *Matlab* and *SPSS*; acquainted with *R* and other programming languages.

Data Analysis

- Proficient in anatomical localization of sEEG electrodes using tools such as *Freesurfer*, *3D Slicer*, *FSL*, and in visualization of them using *iELVis toolbox*.
- Proficient in time domain analyses, including ERP (Event-Related Potentials), as well as frequency domain analysis utilizing Fourier transform.
- Proficient in time-frequency analyses (Wavelet transform, Hilbert transform) using both *FieldTrip Toolbox* and *LBCN pipeline* (github.com/LBCN-Stanford/lbcn_preproc).

Languages

- Chinese (first language).
- English (IELTS: 6.5, TEM-8).
- German (second foreign language).

RELEVANT COURSEWORK

- Research Methods in Psychology (95/100);
- Data Analytics & Machine Learning (95/100);
- Principles of Electroencephalography; Advanced Statistics

HONORS AND AWARDS

Second Prize, Graduate Student Academic Scholarship	2023-2024
Second Prize, Graduate Student Academic Scholarship	2022-2023
Third Prize, Graduate Student Academic Scholarship	2021-2022