

TAO Ran

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Room 930, Run Run Shaw Tower, The University of Hong Kong, Hong Kong

Education

Huazhong University of Science and Technology, B.M., Laboratory Medicine	2005 ~ 2009
Huazhong Normal University, B.S., Psychology	2006 ~ 2009
Beijing Normal University, M.S., Fundamental psychology	2010 ~ 2013
The University of Hong Kong, Ph.D., Psycholinguistics	2013 ~ now

Teaching experience

LING 2034: Psycholinguistics, Teaching Assistant	2016
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Publication

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- Cao, F., **Tao, R.**, Liu, L., Perfetti, C. A., & Booth, J. R. (2013). High Proficiency in a Second Language is Characterized by Greater Involvement of the First Language Network: Evidence from Chinese Learners of English. *Journal of Cognitive Neuroscience*, 25(10), 1649–1663.
- Liu, L., **Tao, R.**, Wang, W., You, W., Peng, D., & Booth, J. R. (2013). Chinese dyslexics show neural differences in morphological processing. *Developmental Cognitive Neuroscience*, 6, 40–50.
- Malins, J. G., Gao, D., **Tao, R.**, Booth, J. R., Shu, H., Joanisse, M. F., Liu, L., Desroches, A. S. (2014). Developmental differences in the influence of phonological similarity on spoken word processing in Mandarin Chinese. *Brain and Language*, 138, 38–50.

Conference oral presentation

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- 17th annual research postgraduate conference. Title: Chinese character processing during mind wandering. 2017-05-27

Conference Posters

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- 15th annual research postgraduate conference. Title: Using reaction time and its variance to parse individuals' mental states during simple cognitive tasks. 2015-06-06
- 13th National Conference of Physiology and Psychology. Title: Semantic storage during mind wandering. 2016-09-21
- 19th national conference of psychology. Title: Automaticity of Chinese character processing during mind wandering. 2016-10-14
- 23rd Annual Meeting of the Organization of Human Brain Mapping. Title: Writing ability modifies brain activation and connectivity pattern in reading Chinese. 2017-06-25

Awards

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- Postgraduate Scholarship from Oct 1, 2013 to Sept. 30, 2017. ~760,000 HKD
- URC/CRCG - Conference Support for Research Postgraduate Students. 13,500 HKD

Research interests

Neural basis of Chinese language: **Ran Tao**, Danqi Gao, Ting Qi, Yue Gao, Zhaoxia Zhu, Li Liu.

Writing ability modifies brain activation and connectivity pattern in reading Chinese. In preparation.

Mind wandering and mindless reading: **Ran Tao**. Semantic processing of Chinese language during mind wandering. In preparation.

Neural bases of mind wandering and mindfulness, and their implication in education and daily life.

Skills

I use Psychtoolbox and E-prime to do experiments, SPSS and Matlab to analyze data, and Github to version-control.