TAO Ran

(852)-5617-2977 | taoran@connect.hku.hk

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

**Publication**

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**

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

**Conference Posters**

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

1st international symposium for brain and education. Title: Writing ability modifies brain activation and connectivity pattern in reading Chinese. 2017-05-26

23nd 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**

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.