

# 毕泰勇

2014/3

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## 教育背景

西南大学讲师

2013 年 7 月 – 至今

心理学博士

2008 年 9 月 – 2013 年 7 月

北京大学心理学系

心理学学士

2004 年 9 月 – 2008 年 7 月

北京大学心理学系

## 研究兴趣

- 皮层可塑性：适应和知觉学习
- 视知觉，包括运动和面孔知觉、视错觉和双稳态知觉
- 注意的神经机制，包括基于特征的注意和情绪注意等
- fMRI、EEG 等实验方法的探索

## 研究经历

### 研究项目

- 视错觉和双稳态知觉的神经基础 2013 – 至今
- 情绪注意的神经机制 2013 – 至今
- 外部噪声对面孔知觉学习神经机制的影响 2012 – 至今
- 运动知觉学习的 fMRI 及 ERP 研究 2011 - 至今
- 任务难度对大脑活动的调节 2011 - 至今
- 面孔知觉的神经机制：功能和结构的 MRI 研究 2010 - 2014
- 面孔朝向知觉学习 2009 – 2010

- 拥挤效应对早期视皮层朝向适应的影响 2008 - 2009
- 眼睛注视对面孔朝向后效的影响 2007 - 2008

## 发表论文

- 杂志

- Bi T.**, Chen J., Zhou T., He Y., & Fang F. Function and structure of human left fusiform cortex predict perceptual learning of faces. (2014) *Current Biology*. 24(2): 222-227.
- Bi T.**, & Fang F. Neural plasticity in high-level visual cortex underlying object perceptual learning. (2013) *Frontiers in Biology*. 8(4): 434-443.
- Bi T.**, Chen N., Weng Q., He D., & Fang F. (2010) Learning to discriminate face views. *Journal of Neurophysiology*. 104(6), 3305-3311.
- Bi T.**, Cai P., Zhou T., & Fang F. (2009) The effect of crowding on orientation-selective adaptation in human early visual cortex. *Journal of Vision*. 9(11):13, 1-10.
- Bi T.**, Su J., Chen J., & Fang F. (2009) The role of gaze direction in face viewpoint aftereffect. *Vision Research*. 49(18), 2322-2327.

- 会议报告

- Taiyong Bi**, Juan Chen, Tiangang Zhou, Yong He and Fang Fang (2013). Functional and structural correlates of face perceptual learning in human brain. Poster accepted to the annual meeting of the Vision Science Society, May 10-15, Naples, FL.
- Taiyong Bi**, Zili Liu, and Fang Fang (2012). Flat BOLD-o-metric functions in motion direction discrimination in human visual cortex. Poster presented at the annual meeting of the Vision Science Society, May 11-16, Naples, FL.
- Nihong Chen, **Taiyong Bi**, Zili Liu and Fang Fang (2012). Neural mechanisms of motion perceptual learning. Poster presented at the annual meeting of the Vision Science Society, May 11-16, Naples, FL.
- Taiyong Bi**, Juan Chen and Fang Fang (2010). Neural mechanism of face view learning in human visual cortex. Poster presented at the 6th Joint Workshop on Machine Perception and Robotics, October 8-9, Fukuoka, Japan.
- Taiyong Bi**, Juan Chen and Fang Fang (2010). Plastic representation of face view in human visual system. Poster presented at the annual meeting of the Vision Science Society, May 7-12, Naples, FL.

- 书籍

**Taiyong Bi**, Fang Fang. (2012) Representation of face view and gaze cues in social attention. In: Progress in Chinese neuroscience and social science interdisciplinary research. Qingguo Ma (eds). Beijing. 2012: 268-279 (in Chinese).