

## Huichao Ji

### Curriculum Vitae

05/2022

### Contact Information

Department of Psychology

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Sun Yat-sen University

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### Education

08. 2019 - 06.2022

M.S. (expected), Psychology, Sun Yat-sen University

08. 2015 - 06. 2019

B.S., Psychology, Sun Yat-sen University

### Research Experience

02. 2021 - 09. 2021

Research intern, Cognition lab, University of Zurich

Supervised by Dr. Ven Popov and Dr. Klaus Oberauer

04.2019 - 06.2022

Postgraduate research, Sun Yat-sen University

Supervised by Dr. Xiaowei Ding

03.2018 - 04.2019

Undergraduate research, Sun Yat-sen University

Supervised by Dr. Jing Samantha Pan

### Publications (#: co-first author; \*: corresponding author)

Sun, Y., Wang, X., Huang, Y., **Ji, H.**, & Ding, X.\* (2022). Biological motion gains preferential access to awareness during continuous flash suppression: Local biological motion matters. *Journal of Experimental Psychology: General*, 151(2), 309–320.

<https://doi.org/10.1037/xge0001078>

**Ji, H.**#, Yin, J. #, Huang, Y. \*, & Ding, X.\* (2020). Selective attention operates on the group level for interactive biological motion. *Journal of Experimental Psychology: Human*

*Perception and Performance*, 46(12), 1434–1442.

<https://doi.org/10.1037/xhp0000866>

Huang, Y., Liu, Z., **Ji, H.**, Duan, Z., Ling, H., Chen, J. \*, & Ding, X. \* (2020). Attentional bias in methamphetamine users: a visual search task study. *Addiction Research & Theory*, 28(6), 517-525. <https://doi.org/10.1080/16066359.2019.1708905>

Shao, M., Yin, J. \*, **Ji, H.**, Yang, Y., & Song, F. (2020). Distance perception warped by social relations: Social interaction information compresses distance. *Acta Psychologica*, 202, 102948. <https://doi.org/10.1016/j.actpsy.2019.102948>

**Ji, H.**, & Pan, J. S. \* (2019). Can I choose a throwable object for you? Perceiving affordances for other individuals. *Frontiers in Psychology*, 10, 2205. <https://doi.org/10.3389/fpsyg.2019.02205>

### **Manuscripts** (#: co-first author; \*: corresponding author)

Ding, X., Xu, L., **Ji, H.**, & Sun, Y. \* (submitted). Dissociation between temporal attention and consciousness: Invisible human faces induce temporal expectation effect

Li, S., Tian, N., Xu, L., **Ji, H.**, Ding, X. \* (submitted). Greater damage to the social brain: Methamphetamine abusers had more impaired social working memory capacity than canonical working memory capacity.

**Ji, H.**, Wang, K., Kong, G., Zhang, X., He, W., & Ding, X. \* (in preparation). How does working memory work? The manipulation unit of working memory.

He, W., **Ji, H.** #, Huang, Y. \*, & Ding, X. \* (in preparation). Time compression when observing intuitive physics.

Su, Z., Xie, J., Zhao, Y., Zhou, C., **Ji, H.** \*, & Ding, X. \* (in preparation). Physiological mechanisms of episodic memory retrieval: New findings from intracranial sharp-wave ripples. (in Chinese)

Li, Y., Su, Z., Qian, J., Xiao, J., **Ji, H.** \*, & Ding, X. \* (in preparation). Serial dependence in biological motion perception.

Xu, L., Yang, Z., **Ji, H.**, Huang, Y. \*, & Ding, X. \* (in preparation). Direct evidence for proactively suppression of salient-but-irrelevant emotion information inputs

## Conference Presentations

Popov, V., **Ji, H.**, & Oberauer, K. (2021). Uncertainty Ratings Can Improve the Estimation of Memory Precision by Several Orders of Magnitude. Talk given at the Psychonomic Society's 62nd Annual Meeting, 11/6/21, online.

**Ji, H.**, Wang, K., Kong, G., Mao, H., Zhang, X., & Ding, X. (2021). How does Working Memory Work? Objects but not Boolean Maps as the Manipulation Unit of Working Memory. Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

Yang, Z., **Ji, H.**, Chen, W., Ren, Y. (2021). Category Learning of Medical Images: How does Comparison Help? Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

Li, W., **Ji, H.**, Gao, Z., Ding, X. (2021). Memory Superiority for Interactive Biological Motion in Working Memory. Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

He, W., **Ji, H.**, Gao, Z., Ding, X. (2021). The Fate of Surface Features in Moving Object When Crossing a Tunnel. Poster presented at the annual meeting of the Vision Sciences Society, 5/25/21, online.

Li, Y., Ding, X., Qian, J., Su, Z., **Ji, H.** (2021). Serial Dependence in Biological Motion Perception. Poster presented at the annual meeting of the Vision Sciences Society, 5/24/21, online.

**Ji, H.**, Yin, J., Huang, Y., & Ding, X. (2020). Event-based Attention: Selective Attention can Operate Interactive Biological Motion as a Unit. Poster presented at the annual meeting of the Vision Sciences Society, 6/12/20, online. <https://doi.org/10.1167/jov.20.11.203>

**Ji, H.**, Wang, K., Mao, H., Zhang, X., & Ding, X. (2020). How does Working Memory Work? The Manipulation Unit of Visual Working Memory. Talk given at the Virtual Working Memory Symposium, 6/3/20, online.

**Ji, H.**, & Pan, J. S. (2019). Can I Choose a Throwable Object for You? Perceiving Affordances for Other Individuals. Poster presented at the 4th China Vision Science, 7/7/19, Chengdu, Sichuan, China.

## Grants

06. 2018 - 03. 2019      Laboratory Open Fund of Sun Yat-sen University,  
“Exploring the relationship between sensory perception  
and motor control: Take throwing as an example.”  
(CNY10,000)  
Principal investigator

## Honors

2021      *Oral Presentation Award (2<sup>nd</sup> place)*  
Greater Bay Area Young Scholars Forum on Psychological  
Science

2021      *Second Prize Scholarship of Outstanding Students*  
Sun Yat-sen University

2020      *National Scholarship for Graduate Student*  
The Ministry of Education of the People's Republic of  
China

2020      *First Prize Scholarship of Outstanding Students*  
Sun Yat-sen University

2019      *Second Prize Scholarship of Outstanding Students*  
Sun Yat-sen University

2018      *Third Prize Scholarship of Outstanding Students*  
Sun Yat-sen University

2017      *Academic Progress Award*  
Sun Yat-sen University

**Invited Talks**

2022.3

Perception &amp; Mind Lab

Johns Hopkins University

**Teaching Experience**

2020

Teaching Assistant, Special Topics on Attention Research  
(Xiaowei Ding), Sun Yat-sen University

**Students Supervised**

2020-2021

Yichen Yu, Sun Yat-sen University'21  
(now Master student at UCL)

2020-2021

Innovation training program for college students, "*A new framework for social working memory: A series of studies based on virtual reality*", Xinlin Yang, Lechen Hu, Xinyue Liang, Sihan Wei, Sun Yat-sen University'23

2020-2021

Innovation training program for college students, "*Serial dependence in biological motion perception*", Yongqi Li, Zhou Su, Jiayu Qian, Jizhen Xiao, Sun Yat-sen University'22

**Academic Skills***Data collection:*

Psychophysics (MATLAB psychtoolbox), eye-tracking  
(Eyelink 1000Plus), EEG, fMRI

*Data analysis:*

MATLAB, R, JASP, SPSS

*Graphics:*

R, MATLAB, Adobe Illustrator, Photoshop, Lightroom

*Language:*

Chinese (native), English (proficient, TOFEL 107)

## References

Xiaowei Ding	Sun Yat-sen University	<a href="mailto:dingxw3@mail.sysu.edu.cn">dingxw3@mail.sysu.edu.cn</a>
Klaus Oberauer	University of Zurich	<a href="mailto:k.oberauer@psychologie.uzh.ch">k.oberauer@psychologie.uzh.ch</a>
Jing Samantha Pan	Sun Yat-sen University	<a href="mailto:panj27@mail.sysu.edu.cn">panj27@mail.sysu.edu.cn</a>