Huichao Ji

Curriculum Vitae

04/2024

Contact Information

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Education

09. 2022 - Present	Ph.D. student, Department of Psychology, Yale University *Advisor*: Brian Scholl
08. 2019 - 06. 2022	M.S., Psychology, Sun Yat-sen University *Advisor*: Xiaowei Ding
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 Ven Popov and Klaus Oberauer

Publications

Ji, H., Wang, K., Kong, G., Zhang, X., He, W., & Ding, X. (accepted pending revisions). The basic units of working memory manipulation are Boolean maps, not objects. *Psychological Science*.

Ding, X., **Ji, H.**, Yu, W., Xu, L., Lin, Y., & Sun, Y. (2024). Dissociation between temporal attention and consciousness: Unconscious temporal cue induces temporal expectation effect. *Consciousness and Cogn*ition, *119*, 103670. https://doi.org/10.1016/j.concog.2024.103670

Xu, L., Yang, Z., **Ji, H.**, Chen, W., Lin, Z., Huang, Y., & Ding, X. (2023). Direct evidence for proactive suppression of salient-but-irrelevant emotional information inputs. *Emotion*. Advance online publication. https://doi.org/10.1037/emo0001213

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

Ji, H., & Scholl, B. J. (under review). 'Visual verbs': Dynamic event types are extracted spontaneously during visual perception.

Ji, H., Yu, Y., & Ding, X. (in preparation). Real-size-based warping in working memory [working title].

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)

Su, Z., Li, Y., Wang, S., Zhang, Y., Li, Y., **Ji, H.**, & Ding, X. (in preparation). Serial dependence

in biological motion perception [working title].

Conference Presentations

Ji, H. & Scholl, B. J. (2023). 'Visual verbs': Dynamic event types (such as twisting vs. rotating) are extracted quickly and spontaneously during visual perception. Poster to be presented at the annual meeting of the Vision Sciences Society, 5/22/23, St. Pete Beach, FL.

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

2022	*Outstanding Graduate Award*
	Sun Yat-sen University
2021	*Oral Presentation Award (2nd 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 & Mind Lab
	Johns Hopkins University

Teaching Experience

2024	Teaching Fellow, Introduction to Psychology (Stephanie Lazzaro), Yale University
2023	Teaching Fellow, The Modern Unconscious (John Bargh), Yale University

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 (JavaScript, MATLAB), eye-tracking (Eyelink 1000Plus), EEG, fMRI
Data analysis:	MATLAB, R, Python, JASP, SPSS
Graphics:	R, MATLAB, Adobe Illustrator, Photoshop, Lightroom
Language:	Chinese (native), English (proficient, TOFEL 107)

References

Brian Scholl	Yale University	brian.scholl@yale.edu
Xiaowei Ding	Sun Yat-sen University	dingxw3@mail.sysu.edu.cn
Klaus Oberauer	University of Zurich	k.oberauer@psychologie.uzh.ch