Huichao Ji

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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
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

Su, Z., Li, Y., Wang, S., Zhang, Y., Li, Y., **Ji, H.**, & Ding, X. (accepted). Serial dependence in biological motion perception: Unique patterns compared to non-biological motion. *Journal of Experimental Psychology: Human Perception and Performance*.

Ji, H., & Scholl, B. J. (2024). "Visual verbs": Dynamic event types are extracted spontaneously during visual perception. *Journal of Experimental Psychology: General*, *153*(10), 2441-2453.

Ji, H., Wang, K., Kong, G., Zhang, X., He, W., & Ding, X. (2024). The basic units of working memory manipulation are Boolean maps, not objects. *Psychological Science*, *35*(8), 887-899.

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.

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*, *23*(7), 2039-2058.

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.

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.

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.

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.

Ji, H., & Pan, J. S. (2019). Can I choose a throwable object for you? Perceiving affordances for other individuals. *Frontiers in Psychology*, *10*, 2205.

Manuscripts

Ji, H., & Scholl, B. J. (under review). Scooping, pouring, bouncing, rolling, twisting, and rotating: Does spontaneous categorical perception of dynamic event types reflect verbal encoding or visual processing?

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.

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.

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.

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

2025 — Teaching Fellow, Psychology and Global Capitalism (Tariq Khan)
Yale University

2024 — Teaching Fellow, Introduction to Cognitive Sciences (Brian Scholl)

	Yale University
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, After Effects
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