psychelzh@outlook.com

2019 9 -2024 6 $2014\ 9\ -2017\ 6$ 20099 - 201365% • GPA: 3.7/4.0 2019 9 connectome-based predictive modeling 2017 9 - June 2019 R Python

Zhang, L., Feng, J., Xue, G*. (In preparation). The neural substrates and structure of general cognitive ability based on multiple cognitive tasks.

Zhang, L., Feng, J., Liu, C., Hu, H., Zhou, Y., Yang, G., Peng, X., Li, T., Chen, C., & Xue, G*. (2024). Improved estimation of general cognitive ability and its neural correlates with a large battery of cognitive tasks. Cerebral Cortex, 34(2), bhad510. https://doi.org/10.1093/cercor/bhad510 (IF: 3.7, SCI)

Sheng, J., Wang, S., **Zhang, L.**, Liu, C., Shi, L., Zhou, Y., Hu, H., Chen, C., & Xue, G*. (2023). Intersubject similarity in neural representations underlies shared episodic memory content. Proceedings of the National Academy of Sciences, 120(35), e2308951120. https://doi.org/10.1073/pnas.2308951120 (IF: 11.1, SCI)

Feng, J., **Zhang, L.**, Chen, C., Sheng, J., Ye, Z., Feng, K., Liu, J., Cai, Y., Zhu, B., Yu, Z., Chen, C., Dong, Q., & Xue, G*. (2022). A cognitive neurogenetic approach to uncovering the structure of executive functions. Nature Communications, 13(1), 4588. https://doi.org/10.1038/s41467-022-32383-0 (IF: 16.6, SCI)

Sheng, J., **Zhang, L.**, Liu, C., Liu, J., Feng, J., Zhou, Y., Hu, H., & Xue, G*. (2022). Higher-dimensional neural representations predict better episodic memory. Science Advances, 8(16), eabm3829. https://doi.org/10.1126/sciadv.abm3829 (IF: 13.6, SCI)

Zhang, L., Xue, G. The neural substrates of general cognitive ability based on multiple cognitive tasks. Poster presented at the Annual Meeting of the Society for Neuroscience, November 2023, Washington, DC. USA.