

# Stanford

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## Jianxiu Zhang

Postdoctoral Scholar, Molecular and Cellular Physiology

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#### HONORS AND AWARDS

- Alzheimer's Association Research Fellowship, Alzheimer's Association (2022-2025)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Institute of Biophysics, Chinese Academy of Sciences , Biochemistry and Molecular Biology (2021)
- Bachelor of Engineering, Jilin University , Bioengineering (2015)
- Exchange student, Peking University , Biology (2013)

#### STANFORD ADVISORS

- Liang Feng, Postdoctoral Faculty Sponsor

#### LINKS

- Google Scholar: <https://scholar.google.com/citations?user=RHhfqMoAAAAJ&hl=en>
- Twitter: <https://twitter.com/jxzhang8>

### Publications

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#### PUBLICATIONS

- **Structure and mechanism of the alkane-oxidizing enzyme AlkB.** *Nature communications*  
Guo, X., Zhang, J., Han, L., Lee, J., Williams, S. C., Forsberg, A., Xu, Y., Austin, R. N., Feng, L.  
2023; 14 (1): 2180
- **Structure and thiazide inhibition mechanism of the human Na-Cl cotransporter.** *Nature*  
Fan, M., Zhang, J., Lee, C. L., Zhang, J., Feng, L.  
2023
- **Bridge-Like Lipid Transfer Proteins (BLTPs) in *C. elegans*: From Genetics to Structures and Functions.** *Contact (Thousand Oaks (Ventura County, Calif.))*  
Pandey, T., Zhang, J., Wang, B., Ma, D. K.  
2023; 6: 25152564231186489
- **A conserved megaprotein-based molecular bridge critical for lipid trafficking and cold resilience.** *Nature communications*  
Wang, C., Wang, B., Pandey, T., Long, Y., Zhang, J., Oh, F., Sima, J., Guo, R., Liu, Y., Zhang, C., Mukherjee, S., Bassik, M., Lin, et al  
2022; 13 (1): 6805
- **Structural mechanism of protein recognition by the FW domain of autophagy receptor Nbr1.** *Nature communications*  
Zhang, J., Wang, Y. Y., Pan, Z. Q., Li, Y., Sui, J., Du, L. L., Ye, K.  
2022; 13 (1): 3650
- **Molecular and structural mechanisms of ZZ domain-mediated cargo selection by Nbr1** *EMBO JOURNAL*  
Wang, Y., Zhang, J., Liu, X., Li, Y., Sui, J., Dong, M., Ye, K., Du, L.  
2021; 40 (15): e107497

- **Cryo-EM structure of fission yeast tetrameric alpha-mannosidase Ams1** *FEBS OPEN BIO*

Zhang, J., Wang, Y., Du, L., Ye, K.

2020; 10 (11): 2437-2451