

Stanford



Xingyuan Zhang

- Ph.D. Student in Chemistry, admitted Autumn 2023
- Ph.D. Minor, Computer Science

Bio

BIO

PhD candidate in Chemistry and Computer Science, Wu Tsai Neurosciences and Sarafan ChEM-H Institute at Stanford University. Working on scientific machine learning, biomolecular modeling, and protein design for drug discovery and disease modeling.

Research & Scholarship

LAB AFFILIATIONS

- Bianxiao Cui (9/25/2023)

Publications

PUBLICATIONS

- **Membrane Curvature Activates Src kinase and Promotes Metastatic Cancer Cell Survival.** *bioRxiv : the preprint server for biology*
Zhang, W., You, H., Zou, X., Lu, C. H., Zhang, X., Amine, A., Jahed, Z., Lin, M. Z., Cui, B.
2026
- **Curved adhesions resist disruption by high-affinity α v integrin inhibitors**
Lee, C. E., Martinez, J., Amine, A., Zhang, W., Lu, C., Zhang, X., You, H., Tsai, C., Cui, B.
CELL PRESS.2026: 72a
- **Dynamic mechanoresponsive polymers enabled by ring-opening polymerization of cyclic propargyl carbonates** *CHEM*
Wang, J., Zhang, X., Bai, J., Liu, Q., Wen, J., Zhu, R.
2025; 11 (12)
- **Single Nanocrown Electrodes for High-Quality Intracellular Recording of Cardiomyocytes** *ADVANCED MATERIALS INTERFACES*
Tsai, C., Gao, H., Forro, C., Yang, Y., Shautsova, V., Zhang, X., Jahed, Z., Cui, B.
2025