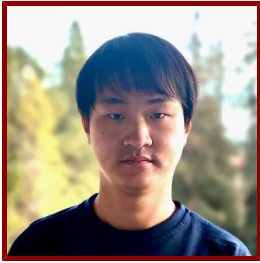


Stanford



Hao Lyu

Postdoctoral Scholar, Chemical Engineering

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Fudan University (2016)
- Doctor of Philosophy, University of California Berkeley (2021)
- Ph.D., University of California, Berkeley, Chemistry (2021)

STANFORD ADVISORS

- Zhenan Bao, Postdoctoral Research Mentor
- Zhenan Bao, Postdoctoral Faculty Sponsor

LINKS

- Google Scholar: https://scholar.google.com/citations?user=AfII8_UAAAAJ&hl=en
- ORCID: <https://orcid.org/0000-0001-7393-2456>
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Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Functional polymer materials for Li-metal batteries and Li-S batteries

Publications

PUBLICATIONS

- **Tunable 1D and 2D Polyacrylonitrile Nanosheet Superstructures.** *ACS nano*
Gong, H., Patino, D. U., Ilavsky, J., Kuzmenko, I., Peña-Alcántara, A. E., Zhu, C., Coffey, A. H., Michalek, L., Elabd, A., Gao, X., Chen, S., Xu, C., Yan, et al
2023
- **Neuromorphic sensorimotor loop embodied by monolithically integrated, low-voltage, soft e-skin.** *Science (New York, N.Y.)*
Wang, W., Jiang, Y., Zhong, D., Zhang, Z., Choudhury, S., Lai, J. C., Gong, H., Niu, S., Yan, X., Zheng, Y., Shih, C. C., Ning, R., Lin, et al
2023; 380 (6646): 735-742
- **25 years of Reticular Chemistry.** *Angewandte Chemie (International ed. in English)*
Freund, R., Canossa, S., Cohen, S. M., Yan, W., Deng, H., Guillerm, V., Eddaoudi, M., Madden, D. G., Fairen-Jimenez, D., Lyu, H., Macreadie, L. K., Ji, Z., Zhang, et al
2021