

Stanford

John Holoubek

Postdoctoral Scholar, Materials Science and Engineering

Bio

STANFORD ADVISORS

- Yi Cui, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Asymmetric ether solvents for high-rate lithium metal batteries** *NATURE ENERGY*
Choi, I., Chen, Y., Shah, A., Florian, J., Serrao, C., Holoubek, J., Lyu, H., Zhang, E., Lee, J., Lin, Y., Kim, S., Park, H., Zhang, et al
2025
- **Crowding Agent Stabilizes Aqueous Electrolyte for Reversible Iron Metal Anode** *ACS ENERGY LETTERS*
Greenburg, L. C., Holoubek, J., Zhang, P., Ai, H., Zhang, E., Liu, C., Feng, G., Cui, Y.
2025
- **Monofluorinated acetal electrolyte for high-performance lithium metal batteries.** *Proceedings of the National Academy of Sciences of the United States of America*
Zhang, E., Chen, Y., Holoubek, J., Yu, Z., Zhang, W., Lyu, H., Choi, I. R., Kim, S. C., Serrao, C., Cui, Y., Bao, Z.
2025; 122 (2): e2418623122