

# Stanford

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## Junyan Li

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### Bio

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#### STANFORD ADVISORS

- Yi Cui, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Scalable Carbon Dioxide Capture Using Clay-Derived Zeolites via Atomic Rearrangement.** *Journal of the American Chemical Society*  
Li, J., Li, J., Fang, S., Lyu, H., Yuan, L., Guan, X., Feng, G., Chi, X., Mao, H., Wu, Y., Li, Y., Liu, Z., Zhang, et al  
2026
- **NiSO<sub>4</sub>-Driven In Situ Alloy Formation To Unlock Highly Reversible Iron Electrochemistry in Aqueous Batteries.** *Journal of the American Chemical Society*  
Feng, G., Liu, Z., Li, J., Li, Y., Guan, X., Ravi, A., Liu, C., Chi, X., Ai, H., Zheng, X., Cui, Y.  
2026
- **Epitaxial Electrodeposition of Fe with Controlled In-Plane Variants for a Reversible Metal Anode in an Aqueous Electrolyte.** *Nano letters*  
Sui, C., Fu, C. T., Feng, G., Li, Y., Li, J., Yan, G., Hsu, P. C., Chu, S., Cui, Y.  
2026
- **Capacity recovery by transient voltage pulse in silicon-anode batteries.** *Science (New York, N.Y.)*  
Yang, Y., Biswas, S., Xu, R., Xiao, X., Xu, X., Zhang, P., Gong, H., Zheng, X., Peng, Y., Li, J., Ai, H., Wu, Y., Ye, et al  
2024; 386 (6719): 322-327