

Stanford

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Ph.D. Student in Materials Science and Engineering, admitted Autumn 2025

Publications

PUBLICATIONS

- **Design strategies for ion-sieving charge mosaic membranes toward sustainable lithium extraction.** *Proceedings of the National Academy of Sciences of the United States of America*
Zhang, G., Hu, G., Li, J., Feng, G., Cui, Y., Chen, Z., Liu, Z., Cui, Y.
2025; 122 (46): e2511666122
- **Spontaneous lithium extraction and enrichment from brine with net energy output driven by counter-ion gradients** *NATURE WATER*
Zhang, G., Li, Y., Guan, X., Hu, G., Su, H., Xu, X., Feng, G., Shuchi, S., Kim, S., Zhou, J., Xu, R., Xiao, X., Wu, et al
2024; 2 (11): 1091-1101