

Stanford

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Publications

PUBLICATIONS

- **Scalable, Ultrathin, and High-Temperature-Resistant Solid Polymer Electrolytes for Energy-Dense Lithium Metal Batteries** *ADVANCED ENERGY MATERIALS*
Ma, Y., Wan, J., Yang, Y., Ye, Y., Xiao, X., Boyle, D. T., Burke, W., Huang, Z., Chen, H., Cui, Y., Yu, Z., Oyakhire, S. T.
2022
- **Graphene coating on silicon anodes enabled by thermal surface modification for high-energy lithium-ion batteries** *MRS BULLETIN*
Kim, S., Huang, W., Zhang, Z., Wang, J., Kim, Y., Jeong, Y., Oyakhire, S. T., Yang, Y., Cui, Y.
2022
- **All-Solid-State Lithium-Sulfur Batteries Enhanced by Redox Mediators.** *Journal of the American Chemical Society*
Gao, X., Zheng, X., Tsao, Y., Zhang, P., Xiao, X., Ye, Y., Li, J., Yang, Y., Xu, R., Bao, Z., Cui, Y.
2021
- **Free-standing ultrathin lithium metal-graphene oxide host foils with controllable thickness for lithium batteries** *NATURE ENERGY*
Chen, H., Yang, Y., Boyle, D. T., Jeong, Y., Xu, R., de Vasconcelos, L., Huang, Z., Wang, H., Wang, H., Huang, W., Li, H., Wang, J., Gu, et al
2021
- **Ultralight and fire-extinguishing current collectors for high-energy and high-safety lithium-ion batteries** *NATURE ENERGY*
Ye, Y., Chou, L., Liu, Y., Wang, H., Lee, H., Huang, W., Wan, J., Liu, K., Zhou, G., Yang, Y., Yang, A., Xiao, X., Gao, et al
2020; 5 (10): 786–93