

Emma Therese Kaeli

Ph.D. Student in Materials Science and Engineering, admitted Autumn 2018

Publications

PUBLICATIONS

- **Experimental Discovery of a Fast and Stable Lithium Thioborate Solid Electrolyte, $\text{Li}_{6+2x}[\text{B}_{10}\text{S}_{18}]\text{S}_x$ (x approximate to 1)** *ACS ENERGY LETTERS*
Ma, Y., Wan, J., Xu, X., Sendek, A. D., Holmes, S. E., Ransom, B., Jiang, Z., Zhang, P., Xiao, X., Zhang, W., Xu, R., Liu, F., Ye, et al
2023; 8 (6): 2762-2771
- **Mechanical regulation of lithium intrusion probability in garnet solid electrolytes** *NATURE ENERGY*
McConohy, G., Xu, X., Cui, T., Barks, E., Wang, S., Kaeli, E., Melamed, C., Gu, X., Chueh, W. C.
2023
- **Persistent and partially mobile oxygen vacancies in Li-rich layered oxides** *NATURE ENERGY*
Csernica, P. M., Kalirai, S. S., Gent, W. E., Lim, K., Yu, Y., Liu, Y., Ahn, S., Kaeli, E., Xu, X., Stone, K. H., Marshall, A. F., Sinclair, R., Shapiro, et al
2021