



Mohammed Alahmed

Masters Student in Energy Science and Engineering, admitted Autumn 2025

Publications

PUBLICATIONS

- **Tunable and Switchable Thermochromism in Cholesteric Liquid Crystalline Elastomers.** *ACS applied materials & interfaces*
Schlafmann, K. R., Alahmed, M. S., Pearl, H. M., White, T. J.
2024; 16 (18): 23780-23787
- **Large Range Thermochromism in Liquid Crystalline Elastomers Prepared with Intra-Mesogenic Supramolecular Bonds** *ADVANCED FUNCTIONAL MATERIALS*
Schlafmann, K. R., Alahmed, M. S., Lewis, K. L., White, T. J.
2023; 33 (51)
- **Coronal Heating as Determined by the Solar Flare Frequency Distribution Obtained by Aggregating Case Studies** *ASTROPHYSICAL JOURNAL*
Mason, J., Werth, A., West, C. G., Youngblood, A., Woodraska, D. L., Peck, C. L., Aradhya, A. J., Cai, Y., Chaparro, D., Erikson, J. W., Ganesan, K., Geerdts, T. R., Hoang, et al
2023; 948 (2)