

Stanford

Jessica Frick

Research Engineer

Aeronautics and Astronautics

Bio

ACADEMIC APPOINTMENTS

- Research Engineer, Aeronautics and Astronautics

Publications

PUBLICATIONS

- **Synthesis and characterization of UiO-66-NH₂ incorporated graphene aerogel composites and their utilization for absorption of organic liquids** *CARBON*
Li, Z., Liu, C., Frick, J., Davey, A. K., Dods, M. N., Carraro, C., Senesky, D. G., Maboudian, R.
2023; 201: 561-567
- **Nanoindentation characterization of thin film stack structures by finite element analysis and experiments using acoustic emission testing** *MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING*
Liu, C., Nagler, O., Tremmel, F., Unterreitmeier, M., Frick, J. J., Gu, X., Senesky, D. G.
2022; 147
- **Cluster-based acoustic emission signal processing and loading rate effects study of nanoindentation on thin film stack structures** *MECHANICAL SYSTEMS AND SIGNAL PROCESSING*
Liu, C., Nagler, O., Tremmel, F., Unterreitmeier, M., Frick, J. J., Patil, R. P., Gu, X., Senesky, D. G.
2022; 165