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Ph.D. Student in Mechanical Engineering, admitted Summer 2021

Publications

PUBLICATIONS

- **Temperature and Enthalpy Characterization of NASA Arcjet Using Oxygen and Nitrogen Absorption** *JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER*
Finch, P. M., Granowitz, Z. N., Strand, C. L., Hanson, R. K., MacDonald, M. E., Hui, F. C. L., Gokcen, T.
2025
- **Shock Tube ARAS Measurements of N_2 and N_2^+ in 5100K to 6400K Nitrogen-Argon Mixtures**
Granowitz, Z. N., Drescher, D., Merrell, D. P., Streicher, J. W., Strand, C. L., Hanson, R. K., AIAA
AMER INST AERONAUTICS & ASTRONAUTICS.2025
- **Simulations of Non-Equilibrium Air Chemistry Compared To Hypersonic Wind Tunnel Experiments**
Gross, T. J., Torres, E., Schwartzenuber, T. E., Finch, P. M., Girard, J. J., Schwartz, T., Granowitz, Z. N., Strand, C. L., Hanson, R. K., Yu, W. M., Austin, J. M., Hornung, H. G., AIAA
AMER INST AERONAUTICS & ASTRONAUTICS.2024
- **Shock-Tube Measurements of Atomic Nitrogen Collisional Excitation in 8000-12000 K Partially Ionized Nitrogen-Argon Mixtures.** *The journal of physical chemistry. A*
Finch, P. M., Granowitz, Z. N., Streicher, J. W., Krish, A., Strand, C. L., Hanson, R. K.
2023