

## Jesse Streicher

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### Publications

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#### PUBLICATIONS

- **Spectrally-resolved absorption cross-section measurements of shock-heated O-2 for the development of a vibrational temperature diagnostic** *JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER*  
Krish, A., Streicher, J. W., Hanson, R. K.  
2021; 270
- **Coupled vibration-dissociation time-histories and rate measurements in shock-heated, nondilute O-2 and O-2-Ar mixtures from 6000 to 14000K** *PHYSICS OF FLUIDS*  
Streicher, J. W., Krish, A., Hanson, R. K.  
2021; 33 (5)
- **Vibrational relaxation time measurements in shock-heated oxygen and air from 2000 K to 9000 K using ultraviolet laser absorption** *PHYSICS OF FLUIDS*  
Streicher, J. W., Krish, A., Hanson, R. K.  
2020; 32 (8)
- **Shock-tube measurements of coupled vibration-dissociation time-histories and rate parameters in oxygen and argon mixtures from 5000 K to 10 000 K** *PHYSICS OF FLUIDS*  
Streicher, J. W., Krish, A., Hanson, R. K., Hanquist, K. M., Chaudhry, R. S., Boyd, I. D.  
2020; 32 (7)
- **Ultraviolet absorption cross-section measurements of shock-heated O-2 from 2,000-8,400 K using a tunable laser** *JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER*  
Krish, A., Streicher, J. W., Hanson, R. K.  
2020; 247
- **A comparative laser absorption and gas chromatography study of low-temperature n-heptane oxidation intermediates** *PROCEEDINGS OF THE COMBUSTION INSTITUTE*  
Ferris, A. M., Susa, A. J., Davidson, D. F., Hanson, R. K.  
2019; 37 (1): 249–57