

Stanford

Yu Wang

Ph.D. Student in Statistics, admitted Autumn 2019

Publications

PUBLICATIONS

- **Primary cilia on muscle stem cells are critical to maintain regenerative capacity and are lost during aging** *Nature Communications*
Palla, A. R., Hilgendorf, K. I., Yang, A. V., Kerr, J. P., Hinken, A. C., Demeter, J., Kraft, P., Mooney, N. A., Yucel, N., Burns, D. M., Wang, Y. X., Jackson, P. K., Blau, et al
2022; 13(1):1439
- **A new strategy of characterizing hydrocarbon fuels using FTIR spectra and generalized linear model with grouped-Lasso regularization** *Fuel*
Wang, Y., Wei, W., Zhang, Y., Hanson, R. K.
2020: 119419
- **Single-Ended Sensor for Thermometry and Speciation in Shock Tubes Using Native Surfaces** *IEEE Sensors Journal*
Peng, W. Y., Wang, Y., Cassady, S. J., Strand, C. L., Hanson, R. K.
2019
- **A streamlined approach to hybrid-chemistry modeling for a low cetane-number alternative jet fuel** *Combustion and Flame*
Pinkowski, N. H., Wang, Y., Cassady, S. J., Davidson, D. F., Hanson, R. K.
2019; 208: 15-26
- **On estimating physical and chemical properties of hydrocarbon fuels using mid-infrared FTIR spectra and regularized linear models** *Fuel*
Wang, Y., Ding, Y., Wei, W., Cao, Y., Davidson, D. F., Hanson, R. K.
2019; 255: 115715