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Ph.D. Student in Chemistry, admitted Summer 2016

Publications

PUBLICATIONS

- **Automatic discovery of photoisomerization mechanisms with nanosecond machine learning photodynamics simulations** *CHEMICAL SCIENCE*
Li, J., Reiser, P., Boswell, B. R., Eberhard, A., Burns, N. Z., Friederich, P., Lopez, S. A.
2021; 12 (14): 5302-5314
- **Mechanochemical synthesis of an elusive fluorinated polyacetylene.** *Nature chemistry*
Boswell, B. R., Mansson, C. M., Cox, J. M., Jin, Z., Romaniuk, J. A., Lindquist, K. P., Cegelski, L., Xia, Y., Lopez, S. A., Burns, N. Z.
2020
- **Multireference computations elucidate the mechanism of a photochemical cascade reaction towards fluoropolyacetylene**
Corzo, H., Boswell, B., Burns, N., Lopez, S.
AMER CHEMICAL SOC.2019
- **Xenon Difluoride Mediated Fluorodecarboxylations for the Syntheses of Di- and Trifluoromethoxyarenes** *ORGANIC LETTERS*
Chatalova-Sazepin, C., Binayeva, M., Epifanov, M., Zhang, W., Foth, P., Amador, C., Jagdeo, M., Boswell, B. R., Sammis, G. M.
2016; 18 (18): 4570-73