

## Alexander Michael Chang

- Ph.D. Student in Chemistry, admitted Autumn 2019
- Reader/Grader for CHEM 31A, Chemistry

### Publications

---

#### PUBLICATIONS

- **The non-adiabatic nanoreactor: towards the automated discovery of photochemistry.** *Chemical science*  
Pieri, E., Lahana, D., Chang, A. M., Aldaz, C. R., Thompson, K. C., Martínez, T. J.  
2021; 12 (21): 7294–7307
- **Hammett neural networks: prediction of frontier orbital energies of tungsten-benzylidyne photoredox complexes** *CHEMICAL SCIENCE*  
Chang, A. M., Freeze, J. G., Batista, V. S.  
2019; 10 (28): 6844–54
- **Inverse Design of a Catalyst for Aqueous CO/CO<sub>2</sub> Conversion Informed by the Ni-II-Iminothiolate Complex** *INORGANIC CHEMISTRY*  
Chang, A. M., Rudshteyn, B., Warnke, I., Batista, V. S.  
2018; 57 (24): 15474–80