



## Aofei Liu

Ph.D. Student in Chemistry, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **Optical Activation of TrkB Signaling.** *Journal of molecular biology*  
Huang, P., Liu, A., Song, Y., Hope, J. M., Cui, B., Duan, L.  
2020
- **Construction of Light-Activated Neurotrophin Receptors Using the Improved Light-Induced Dimerizer (iLID).** *Journal of molecular biology*  
Hope, J. M., Liu, A., Calvin, G. J., Cui, B.  
2020
- **Developing Nanoelectrodes into Robust Electrophysiological Tools for Accurate and Parallel Recording of Action Potentials from Single Cells**  
Jahed, Z., Yang, Y., Yang, H., McGuire, A., Liu, A., Li, X., Cui, B.  
CELL PRESS.2020: 28A
- **Light-Inducible Generation of Membrane Curvature in Live Cells with Engineered BAR Domain Proteins.** *ACS synthetic biology*  
Jones, T. n., Liu, A. n., Cui, B. n.  
2020
- **Direct beta-Selective Hydrocarboxylation of Styrenes with CO<sub>2</sub> Enabled by Continuous Flow Photoredox Catalysis** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*  
Seo, H., Liu, A., Jamison, T. F.  
2017; 139 (40): 13969–72