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Publications

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 CO2 Enabled by Continuous Flow Photoredox Catalysis.** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
  Seo, H., Liu, A., Jamison, T. F.
  2017; 139 (40): 13969–72