Publications

PUBLICATIONS

• Effect of Redox Active Ligands on the Electrochemical Properties of Manganese Tricarbonyl Complexes. Inorganic chemistry
  2019

• Fe-mediated HER vs N2RR: Exploring Factors that Contribute to Selectivity in P3EFe(N2) (E = B, Si, C) Catalyst Model Systems. ACS catalysis
  Matson, B. D., Peters, J. C.
  2018; 8 (2): 1448–55

• Fe-Mediated Nitrogen Fixation with a Metallocene Mediator: Exploring p Ka Effects and Demonstrating Electrocatalysis. Journal of the American Chemical Society
  Chalkley, M. J., Del Castillo, T. J., Matson, B. D., Peters, J. C.
  2018; 140 (19): 6122–29

• Catalytic N2-to-NH3 Conversion by Fe at Lower Driving Force: A Proposed Role for Metallocene-Mediated PCET. ACS central science
  Chalkley, M. J., Del Castillo, T. J., Matson, B. D., Roddy, J. P., Peters, J. C.
  2017; 3 (3): 217–23