

Title

Understanding Ammonia Oxidation and Urea Oxidation on Ni-based Materials

Abstract

I will give an overview of our recent efforts using density functional theory to model the electrochemical ammonia oxidation and urea oxidation reactions.

Bio

Dr. Leanne Chen is a computational chemist with interest in electrocatalysis. She started her independent career at the University of Guelph (2020) following a postdoctoral appointment at the California Institute of Technology (2019) and PhD degree from Stanford University (2017). She received the Alexander Graham Bell Canada Graduate Scholarships (CGS-M and CGS-D3) during her graduate career and was a recent recipient of the CEPS Assistant Professor Research Excellence Award at the University of Guelph.

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