

## Evan Zoltan Carlson

Ph.D. Student in Materials Science and Engineering, admitted Autumn 2019

### Publications

---

#### PUBLICATIONS

- **Selectivity of Electrochemical Ion Insertion into Manganese Dioxide Polymorphs.** *ACS applied materials & interfaces*  
Carlson, E. Z., Chueh, W. C., Mefford, J. T., Bajdich, M.  
2022
- **Size-controlled nanocrystals reveal spatial dependence and severity of nanoparticle coalescence and Ostwald ripening in sintering phenomena.** *Nanoscale*  
Goodman, E. D., Carlson, E. Z., Dietze, E. M., Tahsini, N., Johnson, A., Aitbekova, A., Nguyen Taylor, T., Plessow, P. N., Cargnello, M.  
2020
- **Air-Stability and Carrier Type in Conductive M<sub>3</sub>(Hexaaminobenzene)<sub>2</sub>, (M = Co, Ni, Cu).** *Journal of the American Chemical Society*  
Hinckley, A. C., Park, J. n., Gomes, J. n., Carlson, E. n., Bao, Z. n.  
2020
- **Colloidal synthesis of powder catalysts with well-defined nanoparticle ensembles**  
Goodman, E., Holm, A., Carlson, E., Cargnello, M.  
AMER CHEMICAL SOC.2019