

## Yuan Jia

Ph.D. Student in Chemistry, admitted Autumn 2020

### Publications

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#### PUBLICATIONS

- **Highly Selective O-Phenylene Bisurea Catalysts for ROP: Stabilization of Oxyanion Transition State by a Semiflexible Hydrogen Bond Pocket.** *Journal of the American Chemical Society*  
Zhang, J., Lui, K. H., Zunino, R., Jia, Y., Morodo, R., Warlin, N., Hedrick, J. L., Talarico, G., Waymouth, R. M.  
2024
- **Contrasting Roles of Counterions in Anionic Ring-Opening Polymerization Mediated by Heterocycle Organocatalysts** *ACS CATALYSIS*  
Zhang, J., Lui, K., Jadrlich, C. N., Jia, Y., Arrechea, P. L., Hedrick, J. L., Waymouth, R. M.  
2023; 13 (24): 16097-16104
- **Flyby reaction trajectories: Chemical dynamics under extrinsic force.** *Science (New York, N.Y.)*  
Liu, Y., Holm, S., Meisner, J., Jia, Y., Wu, Q., Woods, T. J., Martinez, T. J., Moore, J. S.  
2021; 373 (6551): 208-212
- **Architecture-Controlled Ring-Opening Polymerization for Dynamic Covalent Poly(disulfide)s** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*  
Liu, Y., Jia, Y., Wu, Q., Moore, J. S.  
2019; 141 (43): 17075–80