

Stanford

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Ph.D. Student in Chemistry, admitted Autumn 2019

Publications

PUBLICATIONS

- **Ring-Opening Polymerization of Cyclic Esters and Carbonates with (Thio)urea/Cyclopropenimine Organocatalytic Systems.** *ACS macro letters*
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- **Contrasting Roles of Counterions in Anionic Ring-Opening Polymerization Mediated by Heterocycle Organocatalysts** *ACS CATALYSIS*
Zhang, J., Lui, K., Jadrich, C. N., Jia, Y., Arrechea, P. L., Hedrick, J. L., Waymouth, R. M.
2023; 13 (24): 16097-16104
- **Bimetallic, Silylene-Mediated Multielectron Reductions of Carbon Dioxide and Ethylene.** *Angewandte Chemie (International ed. in English)*
Whited, M. n., Zhang, J. n., Conley, A. M., Ma, S. n., Janzen, D. n., Kohen, D. n.
2020
- **Cooperative CO₂ Scission by Anomalous Insertion into a Rh-Si Bond** *ORGANOMETALLICS*
Whited, M. T., Zhang, J., Donnell, T. M., Eng, V. H., Peterson, P. O., Trencerry, M. J., Janzen, D. E., Taylor, B. H.
2019; 38 (22): 4420–32
- **Synthesis and Reactivity of Pincer-Type Cobalt Silyl and Silylene Complexes** *ORGANOMETALLICS*
Zhang, J., Foley, B. J., Bhuvanesh, N., Zhou, J., Janzen, D. E., Whited, M. T., Ozerov, O. V.
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- **Silylene-assisted hydride transfer to CO₂ and CS₂ at a [P₂Si]Ru pincer-type complex** *DALTON TRANSACTIONS*
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