

Stanford

Thomas Lin

Postdoctoral Scholar, Chemistry

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Minnesota Twin Cities (2024)
- Ph.D. Chemical Engineering, University of Minnesota, Twin Cities (2024)
- B.S. Chemical Engineering, University of California, Berkeley (2019)

STANFORD ADVISORS

- Edward Solomon, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Rates and reversibility of CO₂ hydrogenation on Cu-based catalysts** *JOURNAL OF CATALYSIS*
Lin, T. C., Bhan, A.
2024; 429
- **Concepts Relevant for the Kinetic Analysis of Reversible Reaction Systems.** *Chemical reviews*
Razdan, N. K., Lin, T. C., Bhan, A.
2023; 123 (6): 2950-3006
- **Rates and Reversibilities in Interconnected Reaction Networks** *ACS CATALYSIS*
Lin, T. C., Razdan, N. K., Bhan, A.
2022; 12 (5): 3100-3110
- **Unimolecular and bimolecular formic acid decomposition routes on dispersed Cu nanoparticles** *JOURNAL OF CATALYSIS*
Lin, T., De La Torre, U., Hejazi, A., Kwon, S., Iglesia, E.
2021; 404: 814-831
- **Formic Acid Dehydration Rates and Elementary Steps on Lewis Acid-Base Site Pairs at Anatase and Rutile TiO₂ Surfaces** *JOURNAL OF PHYSICAL CHEMISTRY C*
Kwon, S., Lin, T., Iglesia, E.
2020; 124 (37): 20161-20174
- **Elementary steps and site requirements in formic acid dehydration reactions on anatase and rutile TiO₂ surfaces** *JOURNAL OF CATALYSIS*
Kwon, S., Lin, T., Iglesia, E.
2020; 383: 60-76