



## Tianyang Chen

Postdoctoral Scholar, Chemical Engineering

### Bio

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#### BIO

Born in southeastern China, I went to Beijing for undergraduate education after spending 18 years in Zhejiang province. At Peking university, I conducted research in the field of organometallic chemistry in Prof. Zhenfeng Xi's lab in College of Chemistry and Molecular Engineering (CCME). Hoping to achieve more in chemical research, I went abroad to the east coast of the US and became a graduate student in Chemistry Department of MIT, under the supervision of Prof. Mircea Dinc#. My research interests during graduate school span from electrically conductive metal-organic frameworks and porous organic polymers to electrochemical energy storage using organic or organic/inorganic hybrid materials. After 6 years at MIT, I traveled across the country (by driving) to the west coast and am currently a postdoctoral scholar in Prof. Zhenan Bao's lab, working on developing polymeric materials for electrochemical interphase in batteries.

#### PROFESSIONAL EDUCATION

- Bachelor of Chemistry, Peking University (2017)
- Doctor of Philosophy, Massachusetts Institute of Technology (2023)
- Doctor of Philosophy, Massachusetts Institute of Technology, Inorganic Chemistry (2023)
- Bachelor of Science, Peking University, Chemistry (2017)

#### STANFORD ADVISORS

- Zhenan Bao, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### LAB AFFILIATIONS

- Zhenan Bao (9/1/2023)

### Publications

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#### PUBLICATIONS

- **Thousand-fold increase in O<sub>2</sub> electroreduction rates with conductive MOFs.** *ACS central science*  
Mariano, R. G., Wahab, O. J., Rabinowitz, J. A., Oppenheim, J., Chen, T., Unwin, P. R., Dinc#, M.  
2022; 8 (7): 975-982
- **Thousand-fold increase in O-2 electroreduction rates with conductive MOFs** *ACS CENTRAL SCIENCE*  
Mariano, R. G., Wahab, O. J., Rabinowitz, J. A., Oppenheim, J., Chen, T., Unwin, P. R., Dinca, M.  
2022