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Employment

2025–now: Associate Professor, Department of Chemical Engineering, Stanford University
2016–2024: Assistant Professor, Department of Chemical Engineering, Stanford University
2012–2015: Postdoc, University of Chicago (advisor: Juan de Pablo)
2009–2012: Postdoc, Pennsylvania State University (advisor: Scott Milner)

Education

2004–2009: Ph.D., Materials Science, University of Minnesota (advisors: David Morse & Frank Bates)
1998–2004: M.S. & B.S., Materials Science, Tsinghua University (advisor: Dan Wei)

Honors

John H. Dillon Medal, APS, 2022
Tau Beta Pi Teaching Honor Roll, Stanford, 2020
ACS PMSE Young Investigator, 2020
ACS PMSE Arthur K. Doolittle Award, 2019
NSF CAREER Award, 2019
Hellman Faculty Award, 2017
3M Non-Tenured Faculty Award, 2017
Terman Faculty Fellowship, Stanford University, 2016
Kadanoff-Rice Postdoctoral Fellowship, University of Chicago, 2013
Doctor Dissertation Fellowship, University of Minnesota, 2007

Publications (§ = undergraduate)

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- [101] Yuelang Chen, Zhiao Yu, Huaxin Gong, Wenbo Zhang, Paul Rudnicki, Zhuojun Huang, Weilai Yu, Sang Cheol Kim, David T. Boyle, Philaphon Sayavong, Hasan Celik, Rong Xu, Yangju Lin, Shaoyang Wang, Jian Qin, Yi Cui, and Zhenan Bao, “Failure process during fast charging of lithium metal batteries with weakly solvating fluoroether electrolytes”, *J. Phys. Chem. C*, 128:11487, 2024.
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- [99] Yaoqi Huang, Vineeth Chandran Suja, Menghao Yang, Andrey V. Malkovskiy, Arnub Tandon, Adai Colom, Jian Qin, Gerald G. Fuller “Interfacial stresses on droplet interface bilayers using two photon fluorescence lifetime imaging microscopy”, *J. Colloid and Interface Science*, 653:1196, 2024.

- [98] Yangju Lin, Zhiao Yu, Weilai Yu, Sheng-Lun Liao, Zhuojun Huang, Yuelang Chen, Elizabeth Zhang, Jian Qin, Yi Cui, Zhenan Bao, “Impact of fluorination degree of ether-based electrolyte solvent on Li-metal battery performance”, *J. Materials Chemistry A*, 12:2986, 2024.
- [97] Wesley Michaels, Andrew J. Spakowitz, Jian Qin, “Conformational statistics of ribbon-like chains”, *Macromolecules*, 56:8359, 2023 (Editors’ Choice).
- [96] Snehashis Choudhury, Zhuojun Huang, Chibueze V. Amanchukwu, Paul Rudnicki, Yuelang Chen, David Thomas Boyle, Jian Qin, Yi Cui, and Zhenan Bao, “Ion conducting polymer interfaces for lithium metal anodes: impact on the electrodeposition kinetics”, *Advanced Energy Materials*, 2301899, 2023.
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