

Jian Qin

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Employment

Jan. 2016-: Assistant Professor, Department of Chemical Engineering, Stanford University
2012-2015: Postdoc, University of Chicago; Advisor: Prof. Juan de Pablo
2009-2012: Postdoc, Pennsylvania State University; Advisor: Prof. Scott T. Milner

Education

2004-2009: Ph.D., Materials Science, University of Minnesota
• Dissertation Topic: “Analysis of Phase Behavior and Correlations in Block Copolymer Melts by Self-Consistent Field and Fluctuating Field Theories”
• Advisors: Prof. David C. Morse and Prof. Frank S. Bates
2002-2004: M.S., Materials Physics, Tsinghua University, China; Advisor: Prof. Dan Wei
1998-2002: B.S., Materials Science, Tsinghua University, China; Advisor: Prof. Dan Wei

Honors

ACS PMSE Young Investigator, 2020
ACS PMSE Arthur K. Doolittle Award, 2019
NSF CAREER, 2019
Hellman Faculty Award, 2017
3M Non-Tenured Faculty Award, 2017–2019
Terman Faculty Fellowship, Stanford University, 2016–2019
Kadanoff-Rice Postdoctoral Fellowship, University of Chicago, 2013-15
Doctor Dissertation Fellowship, University of Minnesota, 2007-2008

Publications

- [64] Chibueze Amanchukwu, Zhiao Yu, Xian Kong, **Jian Qin**, Yi Cui, Zhenan Bao, “A new class of ionically conducting fluorinated ether electrolytes with high electrochemical stability”, *JACS*, doi:10.1021/jacs.9b11056, 2020.
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- [62] Xian Kong, Paul Rudnicki, Snehashis Choudhury, Zhenan Bao, **Jian Qin**, “Dendrite suppression by a polymer coating: a coarse-grained molecular study”, *Advanced Functional Materials*, 1910138, 2020.
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- [59] Paul E. Rudnicki, Quinn MacPherson, Luke Balhorn, Bob Feng, **Jian Qin**, Alberto Salleo, Andrew J. Spakowitz, “Impact of liquid-crystalline chain alignment on charge trans-

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- [56] Chibueze Amanchukwu, Xian Kong, **Jian Qin**, Yi Cui, Zhenan Bao, “Nonpolar alkanes modify lithium ion solvation for improved lithium”, *Advanced Energy Materials*, 1902116, 2019.
- [55] Youngbin Lim, Margarita Khariton, Keara M. Lane, Anthony L. Shiver, Katharine M. Ng, Samuel R. Bray, **Jian Qin**, Kerwyn Casey Huang, Bo Wang, “Mechanically resolved imaging of bacteria using expansion microscopy”, *PLOS Biology*, 17(10):e3000268, 2019.
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