

杨俊英 (博士, 讲师)



教育背景

- 2014年9月 - 2020年6月 博士研究生, 南京大学理论与计算化学研究所, 理学博士
- 2010年9月 - 2014年6月 本科, 重庆大学化学化工学院, 工学学位

经历

工作经历

- 2024年4月 - 现在 讲师, 温州大学数理学院
- 2020年7月 - 2024年3月 博士后, 复旦大学高分子科学系

研究方向

体相和几何受限下聚合物分相的自洽场理论研究; 聚合物分相动力学的模拟研究; 嵌段共聚物自组装结构中缺陷的演化动力学研究; 嵌段共聚物及纳米粒子的溶液自组装。

荣誉和奖励

- 1 复旦大学超级博士后 (2022)

主持和参与项目

2022.01-2024.12 嵌段共聚物形成新颖螺旋结构的研究, 国家自然科学基金青年

科学基金项目，22103017，30 万元，主持。

论文

1. **Junying Yang**; Qingshu Dong; Li Peng; Xianbo Huang*; Weihua Li*; Transition Paths of Ordered Phases in a Diblock Copolymer under Cylindrical Confinement, *Macromolecules*, 2023, 56(24): 10132–10142.
2. **Junying Yang**; Qingshu Dong; Meijiao Liu; Weihua Li*; Universality and Specificity in the Self-Assembly of Cylinder-Forming Block Copolymers under Cylindrical Confinement, *Macromolecules*, 2022, 55(6): 2171-2181.
3. Lixun Zhang; **Junying Yang***; Weihua Li*; Emergence of Multi-strand Helices from the Self-Assembly of AB-Type Multiblock Copolymer under Cylindrical Confinement, *Macromolecules*, 2022, 55(20): 9334-9343.
4. Qi Wang†; Ting Li†; **Junying Yang**†; Zinan Zhao; Kaiyuan Tan; Shuwan Tang; Mimi Wan*; Chun Mao; Engineered Exosomes with Independent Module/Cascading Function for the Therapy of Parkinson's Disease by Multi-Step Targeting and Multi-Stage Intervention Method, *Advanced Materials*, 2022, 2201406 (†表示共同一作).
5. **Junying Yang**; Rong Wang*; Daiqian Xie*; Self-Organization in Suspensions of Telechelic Star Polymers, *Polymer*, 2020, 205: 122866.
6. **Junying Yang**; Rong Wang*; Daiqian Xie*; Aqueous Self-Assembly of Amphiphilic Cyclic Brush Block Copolymers as Asymmetry-Tunable Building Blocks, *Macromolecules*, 2019, 52(18): 7042-7051.
7. **Junying Yang**; Rong Wang*; Daiqian Xie*; Precisely Controlled Incorporation of Drug Nanoparticles in Polymer Vesicles by Amphiphilic Copolymer Tethers, *Macromolecules*, 2018, 51(17): 6810-6817.

8. **Junying Yang**; Yi Hu; Rong Wang*; Daiqian Xie*; Nanoparticle Encapsulation in Vesicles Formed by Amphiphilic Diblock Copolymers, *Soft Matter*, 2017, 13(43): 7840-7847.
9. **Junying Yang**; Xixi Hu; Daiqian Xie*; A Theoretical Study on Potential Energy Surfaces and Vibrational Excited States of N_2H , *SCIENTIA SINICA Chimica*, 2015, 45(12): 1310-1315.
10. Xixi Hu; **Junying Yang**; Daiqian Xie*; State-to-state Quantum Dynamics of Reaction $N+NH \rightarrow N_2+H$, *Chemical Journal of Chinese University*, 2015, 36(11): 2198-2203.
11. Wenpo Li*; Xiuli Zuo; **Junying Yang**; Shengtao Zhang; The Effect of Acetate on the Electrodeposition of Manganese on Polycrystalline Au without SeO_2 Additives, *Advanced Materials Research*, 2014, 937, 34-40.