

# Yongsheng Luo

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## Education

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### Southeast University

Nanjing, China

PhD, Biomedical Engineering

2018 – 2022

- Advisor: Prof. Xiaolin Lu
- Areas of concentration: Surface and interface, soft matter

### Zhengzhou University

BS, Fluid mechanics

- Areas of concentration: Microfluidics

## Professional Experience

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### Shanghai Jiao Tong University

Shanghai, China

Postdoc, INS

2022-Present

- Advisor: Prof. Liang Hong
- Areas of concentration: Microfluidics, high throughput screening

## Publications

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*\* Equal contribution*

### PUBLISHED

**Yongsheng Luo**, Ai-Ping Pang, Peizhi Zhu, Dayang Wang, Xiaolin Lu. Demonstrating the Interfacial Polymer Thermal Transition from Coil-to-Globule to Coil-to-Stretch under Shear Flow Using SFG and MD Simulation. *The Journal of Physical Chemistry Letters*, 2022, 13, 6, 1617–1627.

**Yongsheng Luo**, Chu Wang, Ai-Ping Pang, Xiang Zhang, Dayang Wang, Xiaolin Lu. Low Concentration Salt Solution Change the Interfacial Molecular Behavior of Polyelectrolyte Brushes. *Macromolecules*, 2021, 54, 13, 6006–6013.

**Yongsheng Luo**, Jinglun Zhao, Chunpeng He, Zuhong Lu, Xiaolin Lu. Miniaturized Platform for Individual Coral Polyps Culture and Monitoring. *Micromachines*, 2020, 11, 127–140.

**Yongsheng Luo**, Ai-Ping Pang, Xiaolin Lu, Liquid-solid Interfaces under Dynamic Shear Flow: Recent Insights on Interfacial slip. *Langmuir*, 2022, 38, 15, 4473–4482.

## Personal Interests

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- Running
- Music