

Yongfeng Ye

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Education

Shanghai Jiao Tong University

PhD, Biophysics

- Advisor: Prof. Liang Hong
- Areas of concentration: Deep sea microbe, neutron scattering, molecular dynamic simulation

Shanghai, China

2020 - Present

Donghua University

BS

- GPA: 4.2/5.0; Areas of concentration: Complex plasma, crystallization

Shanghai, China

2016 - 2020

Professional Experience

Shanghai Jiao Tong University

Graduate Researcher, School of Physics and Astronomy & Institute of Natural Sciences

- Cryoprotective mechanisms of glycerol on protein
- Adaptation Mechanisms of Deep-Sea Microorganisms to Extreme Environments

Shanghai, China

2021-Present

MatWings Research

Research Intern, Free energy perturbation

- Optimization of lipid Force Fields for Drug Discovery.
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Shanghai, China

2023.4-2023.7

Publications

* *Equal contribution*

PUBLISHED

Yongfeng Ye, Lirong Zheng, Liang Hong, Victoria García Sakai, Nicolas R. de Souza, Dahong Teng, Bin Wu, Yichao Xu, Jinzhen Cai, and Zhuo Liu. 2023. Direct observation of mutual coupling effect in protein-water-glycerol mixture by combining neutron scattering and selective deuteration. *J. Phys. Chem. B*.

Awards and Fellowships

Personal Interests

- Music
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