

Resume of Yongqi HUANG

Basic Information



School :	School of Life and Health Sciences
Gender:	Male
Date of Birth:	198304
Title:	Associate Professor
Education:	Ph.D of Chemistry
Tutor:	Master degree
E-mail:	yqhuang@pku.edu.cn
Interest of research:	Protein engineering

Academic Background

From September 2002 to July 2007, Shandong University, Bachelor's degree in Chemistry;

From September 2007 to July 2012, Peking University, Ph.D of Chemistry.

Oversea visiting

2012/08-2015/08, Postdoc scholar, St. Jude Children's Research Hospital, USA;

Enrollment Information

1. Enrollment Discipline: Master of Biochemistry
2. Research direction: Protein engineering
3. Enrollment Year: 2023-2024

Representative Projects

1.The National Natural Science Foundation of China Youth Project "A comparative study on the sequence-structure-function relationship of intrinsically disordered proteins", China, Project leader.

Representative Articles

- 1.Methylene blue accelerates liquid-to-gel transition of tau condensates impacting tau function and pathology. Nature Communications, Vol. 14,2023, Page 5444.
- 2.Liquid-liquid phase separation of tau: Driving forces, regulation, and biological implications. Neurobiology of Disease, Vol. 183, 2023, Page 106167.
- 3.(-)-Epigallocatechin-3-gallate, a Polyphenol from Green Tea, Regulates the Liquid-Liquid Phase Separation of Alzheimer's Related Protein Tau. Journal of Agricultural and Food Chemistry, Vol 71, 2023, Page 1982.
- 4.Leveraging the multivalent p53 peptide-MdmX interaction to guide the improvement of small molecule inhibitors. Nature Communications, Vol. 13, 2022, Page 1087.

5. Topological frustration leading to backtracking in a coupled folding–binding process.
Physical Chemistry Chemical Physics, Vol 24, 2022, Page 2630.