

Resume of Yantao Liu

Basic Information



School:	School of Life and Health Sciences
Gender:	Male
Date of Birth:	199103
Title:	Lecturer
Education:	Ph.D of Chemical Processing of Forestry Products
Tutor:	Doctor degree
Interest of research:	Structural characterization and application research of natural polysaccharide

Academic Background

From September 2011 to July 2015, Qilu University of Technology, Bachelor's degree in Chemical Processing of Forest Products;

From September 2015 to July 2021, Beijing Forestry University, Doctor's degree of Chemical Processing of Forest Products.

Oversea visiting

/

Enrollment Information

1. Enrollment Discipline: Food Science and Engineering
2. Research direction: Structural characterization and application research of natural polysaccharide
3. Enrollment Year: 2024-2025

Representative Projects

1. Collaborative Grant-in-Aid of the HBUT National "111" Center for Cellular Regulation and Molecular Pharmaceutics, International Cooperation Research Fund for Young Scholars (2022), Hubei university of Technology. Project leader.
2. Guangxi Key Laboratory of Chemistry Engineering of Forest Products (GXFK2212), State Ethnic Affairs Commission , Guangxi Key Laboratory of Chemistry and Engineering of Forest Products, Guangxi Minzu University, Nanning 530006, Project leader.
3. Doctoral Research Starting Foundation of Hubei University of Technology (XJ2021001401). Project leader.

Representative Articles

- (1) Yantao Liu, Fuhou Lei, Liang He, Wei Xu, Jianxin Jiang*. Comparative study on the monosaccharides of three typical galactomannans hydrolyzed by different methods.

Industrial Crops & Products, 2020, 157: 112895.

(2) Yantao Liu, Fuhou Lei, Liang He, Wei Xu, Jianxin Jiang*. Physicochemical characterization of galactomannans extracted from seeds of *Gleditsia sinensis* Lam and fenugreek. Comparison with commercial guar gum. *International Journal of Biological Macromolecules*, 2020, 158: 1047–1054.

(3) Yantao Liu, Wei Xu, Fuhou Lei, Pengfei Li, Jianxin Jiang*. Comparison and characterization of galactomannan at different T developmental stages of *Gleditsia sinensis* Lam. *Carbohydrate Polymers*. 2019, 223: 115127.

(4) Yantao Liu, Zhenglong Xu, Weian Zhang, Jiufang Duan, Jianxin Jiang, Dafeng Sun. Characterization of Fractional Polysaccharides from *Gleditsia sinensis* and *Gleditsia microphylla* Gums. *Molecules*. 2016, 21, 1-10.