

Resume of Changgao WANG

Basic Information



School : School of Life and Health Sciences
Gender: Male
Date of Birth: 197104
Title: Associate Professor
Education: Ph. D of Microbiology
Tutor: Master degree
E-mail: 971963552@qq.com
Interest of research: Fermentation engineering, Enzyme engineering, Bioseparation

Academic Background

From September 1989 to July 1993, Hubei University of Technology, Bachelor's degree in Fermentation Engineering;

From September 1996 to July 1999, Hubei University of Technology, Master's degree of Fermentation Engineering;

From September 2002 to July 2006, Wuhan Institute of Virology, Chinese Academy of Science, Ph. D of Microbiology.

Oversea visiting

no

Enrollment Information

1. Enrollment Discipline: Master of Bioengineering
2. Research direction: Fermentation engineering, Enzyme engineering, Bioseparation
3. Enrollment Year: 2023-2024

Representative Projects

1. National Natural Science Foundation of China Youth Program " High-throughput screening of sterol carrier protein 2 inhibitors from *Helicoverpa armigera* ", China, Project participants.
2. National Natural Science Foundation of China Youth Program " Double action mechanism of endo-chitin enzyme and enzymatic synthesis of functional oligosaccharides ", China, Project participants.
3. Hubei Natural Science Foundation Youth Program " Preparation and characterization of a new antiplatelet drug phospholipase C ". Hubei, China, Project Leader.

Representative Articles

1. Changgao Wang, Mingkai Chen, Tao Chen. Improved purification and some properties of a novel phospholipase C from *Bacillus mycoides* strain 970. *African Journal of Microbiology Research*, 2010,4(7): 523-526.
2. Jun Cai, Xinkai Du, Changgao Wang, Jianguo Lin, Xin Du*, Identification of potential *Helicoverpa armigera* (Lepidoptera: Noctuidae) sterol carrier protein-2 inhibitors through high-throughput virtual screening, *Journal of Economic Entomology*, 2017, 1-6.
3. Miao Yang, Jun Cai, Changgao Wang, Xin Du & Jianguo Lin. Characterization of endo- β -mannanase from *Enterobacter ludwigii* MY271 and application in pulp industry. *Bioprocess and Biosystems Engineering*, 2017,40(1): 35-43.
4. Xiaohua Lu, Jianguo Lin, Changgao Wang, Xin Du, and Jun Cai. Purification and characterization of exo-polygalacturonase from *Zygoascus hellenicus* V25 and its potential application in fruit juice clarification. *Food Science and Biotechnology*, 2016,25(5): 1379-1385.