

CURRICULUM VITAE

Personal Information			
Name	Xiaobo Hu	Gender	Female
Position Title	PHD, Asso.Professor		
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Research Interest			
<ul style="list-style-type: none">▪ Aquatic product processing and quality control▪ Food nutrition and safety			
Professional Memberships			
<ul style="list-style-type: none">▪ Member of Hubei Nutrition Society▪ Hubei Provincial Science and Technology Commissioner▪ Hubei Jingshi TV Program Expert			
Other Roles			
<ul style="list-style-type: none">▪ Visiting scholar, School of Exercise and Nutrition Sciences, Deakin University, AU▪ Reviewer for journals such as “Food Chemistry”, “Foods”, “Food & Function”, “Journal of Agricultural Engineering,” , “Food Science” “Modern Food Science and Technology” and “Journal of Huazhong Agricultural University” etc.			
Education & Working Experience			
<u>Education Experience</u>			
<ul style="list-style-type: none">▪ 2003-2007, Ph.D. in Food Science, Huazhong Agricultural University,▪ 1992-1999, M.S.in Food Science and Technology, Huazhong Agricultural University			
<u>Working Experience</u>			
<ul style="list-style-type: none">▪ 2008 – Present, Associate Professor, College of Food Science and Technology,			

Huazhong Agricultural University

- 1999 -2007, Lecturer, Huazhong Agricultural University, Wuhan

Publications

- 1、 Xufeng Wang¹, **Xiaobo Hu**¹, Shixing Pan, Yu Zhan, Junpeng Zhao, Feng Jiang, Yingjun Li, Yiping Chen*DNA and ATP synergistically triggered Argonaute-mediated sensor for the ultrasensitive detection of viable Salmonella without DNA extraction and amplification , *Sensors and Actuators B: Chemical*. Volume 408, 1 June 2024, 135543
- 2、 Feng Hong, Liangqiong Ren, Feng Jiang, Shilong Ruan, Jianhan Lin, Jianlong Wang, **Xiaobo Hu***, Yiping Chen*. A pipette-smartphone portable on-site detection system for aflatoxin B1 detection in bread and peanut based on "Four-in-one" sea-urchin-like composite catalyst. *Sensors and Actuators B: Chemical*(IF 9.221/Q1), 2023, 397:134587
- 3、 **Xiaobo Hu**¹, Junpeng Zhao¹, Xinrui Cheng, Xufeng Wang, X Zhang, Yiping Chen *. Polydopamine-mediated quantity-based magnetic relaxation sensing for the rapid and sensitive detection of chloramphenicol in fish samples. *Food research international (Ottawa, Ont.)*, (IF8.1/Q1) 2022, 162: 111919.December 2022
- 4、 **Xiaobo Hu**¹, Xinrui Cheng¹, Zhilong Wang, Junpeng Zhao, Xufeng Wang, Weihai Yang , Yiping Chen,Multiplexed and DNA amplification-free detection of foodborne pathogens in egg samples: Combining electrical resistance-based microsphere counting and DNA hybridization reaction, *Analytica Chimica Acta* (IF 6.2/Q1)Volume 1228,2 October 2022, 340336
- 5、 Yueqi An, Xiaowen Cai, Lin Cong ,Yang Hu, Ru Liu, Shanbai Xiong, **Xiaobo Hu*** , Quality Improvement of Zhayu, a Fermented Fish Product in China: Effects of Inoculated Fermentation with Three Kinds of Lactic Acid Bacteria, *Foods* (IF 5.2/Q1) 2022, 11(18), 2756.
- 6、 Mengdie Chen,Yuyu Liu, Shanbai Xiong, Moucheng Wu, Bin Li, Zheng Ruan* , **Xiaobo Hu***, Dietary L-tryptophan alleviated LPS-induced intestinal barrier injury by regulating tight junctions in a Caco-2 cell monolayer model, *Food & Function* (IF 6.1/Q1)2019, 10, 2390 - 2398.