

# CURRICULUM VITAE

Personal Information			
Name	Yonggang Hu	Gender	male
Position Title	Professor		
Working Department	College of Life Science and Technology		
Email	yongganghu@mail.hzau.edu.cn		
Address	State Key Laboratory of Agricultural Microbiology, College of Life Science and Technology, Huazhong Agricultural University, Wuhan 430070, China		
Tel	027-87280670	Fax	027-87280670
Research Interest			
Applied Microbiology, Biosensor			
Professional Memberships			
Other Roles			
Education & Working Experience			
B.S., Wuhan University, 1987-1991			
M.S., Wuhan University, 1991-1994			
Ph.D., Wuhan University, 1994-1997			
Postdoctor, State key laboratory of physical chemistry of solid surfaces, 1997-2000			
Associate Professor, School of environmental science and engineering, Huazhong university of science and technology, 2000-2005			
Professor, School of environmental science and engineering, Huazhong university of science and technology, 2005-2008.			
Professor, National Key Laboratory of Agricultural Microbiology, Huazhong Agricultural			



University, College of Life Science and Technology, Huazhong Agricultural University. 2008-

## Publications

- [1] Y. Qin, W. Ke, A. Faheem, Y. Ye, **Y. Hu**, A rapid and naked-eye on-site monitoring of biogenic amines in foods spoilage, *Food Chem*, 404(2023) 134581.
- [2] Y. Qin, Y. Li, **Y. Hu**, Emerging Argonaute-based nucleic acid biosensors, *Trends Biotechnol*, 40(2022) 910-914.
- [3] F. Peng, Y. Xiang, H. Wang, Y. Hu, R. Zhou, **Y. Hu**, Biomimetic assembly of spore@ZIF-8 microspheres for vaccination, *Small*, 18(2022) e2204011.
- [4] Y. Xiang, H. Yan, B. Zheng, A. Faheem, A. Guo, C. Hu, **Y. Hu**, Light-regulated natural fluorescence of the PCC 6803@ZIF-8 composite as an encoded microsphere for the detection of multiple biomarkers, *ACS sensors*, 6(2021) 2574-2583.
- [5] Y. Xiang, H. Yan, B. Zheng, A. Faheem, W. Chen, **Y. Hu**, *E. coli*@UiO-67 composites as a recyclable adsorbent for bisphenol A removal, *Chemosphere*, 270(2021) 128672.
- [6] Y. Qin, A. Faheem, **Y. Hu**, A spore-based portable kit for on-site detection of fluoride ions, *J Hazard Mater*, 419(2021) 126467.
- [7] A. Faheem, Y. Qin, W. Nan, **Y. Hu**, Advances in the Immunoassays for Detection of *Bacillus thuringiensis* Crystalline Toxins, *J Agric Food Chem*, 69(2021) 10407-10418.
- [8] Y. Xiang, H. Yan, B. Zheng, A. Faheem, **Y. Hu**, Microorganism@UiO-66-NH<sub>2</sub> Composites for the Detection of Multiple Colorectal Cancer-Related microRNAs with Flow Cytometry, *Anal Chem*, 92(2020) 12338-12346.
- [9] X. Sun, Y. Wang, L. Zhang, S. Liu, M. Zhang, J. Wang, B. Ning, Y. Peng, J. He, **Y. Hu**, Z. Gao, CRISPR-Cas9 triggered two-step isothermal amplification method for *E. coli* O157:H7 detection based on a Metal-Organic Framework platform, *Anal Chem*, 92(2020) 3032-3041.
- [10] X. Sun, R. Fei, L. Zhang, B. Huo, Y. Wang, Y. Peng, et al., Bio-barcode triggered isothermal amplification in a fluorometric competitive immunoassay for the phytotoxin abrin, *Microchim Acta*, 187(2020) 127.
- [11] Y. Qin, G. Wu, Y. Guo, D. Ke, J. Yin, D. Wang, X. Fan, Z. Liu, L. Ruan, **Y. Hu**, Engineered glyphosate oxidase coupled to spore-based chemiluminescence system for glyphosate detection,

Anal Chim Acta, 1133(2020) 39-47.

[12] Y. Qin, A. Faheem, G. Jia, **Y. Hu**, Self-assembled Fe<sup>3+</sup>@spores as a sustainable heterogeneous Fenton catalyst for arsenite removal, J Environ Chem Eng, 8(2020) 104485.

[13] F. Peng, B. Zheng, Y. Zhang, A. Faheem, Y. Chai, T. Jiang, X. Chen, **Y. Hu**, Biocatalytic oxidation of aromatic compounds by spore-based system, ACS Sustain Chem Eng, 8(2020) 14159-14165.