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马昱阳, 男, 中共党员, 教授(校聘), 硕士生导师, 山东省特殊医学用途配方食品产业技术创新战略联盟理事成员。2023年6月毕业于中国海洋大学, 获得工学博士学位。主要从事活性多糖的高效制备、分离鉴定和功效机制评价及微藻藻渣高值化利用研究。近五年研究成果以第一作者身份(含并列第一作者1篇)在 Journal of Agricultural and Food Chemistry、Food Chemistry、International Journal of Biological Macromolecules、Food Research International 等国际顶尖期刊发表 SCI 论文 7 篇, 其中中科院 JCR 大类一区 6 篇, 二区 1 篇。获博士研究生国家奖学金、中国海洋大学优秀研究生等荣誉奖励。

工作经历:

2023年7月至今

滨州医学院, 药学院, 教授

主讲课程:

微生物学

研究方向:

1. 活性多糖的高效制备、分离鉴定和功效机制评价
2. 微藻藻渣高值化利用

科研项目:

1. 主持滨州医学院科研启动基金项目一项
2. 参与国家重点研发计划课题——“水产品加工过程中内源性安全危害因子的形成机制与控制策略”（起止时间：2018.12-2022.12）

代表性论文及专利:

1. **Ma, Yuyang**, Liu, Xue, Liu, Defu, Yin, Zihao, Yang, Xinyi, & Zeng, Mingyong. (2022). Oyster (*Crassostrea gigas*) Polysaccharide Ameliorates High-Fat-Diet-Induced Oxidative Stress and Inflammation in the Liver via the Bile Acid-FXR-AMPK α Pathway. *Journal of Agricultural and Food Chemistry*, 70(28), 8662-8671. (SCI 收录, 中科院一区, IF=5.895)
2. **Ma, Yuyang**, Zhu, Linqing, Ke, Hongwei, Jiang, Suisui, & Zeng, Mingyong. (2022). Oyster (*Crassostrea gigas*) polysaccharide ameliorates obesity in association with modulation of lipid metabolism and gut microbiota in high-fat diet fed mice. *International Journal of Biological Macromolecules*, 216, 916-926. (SCI 收录, 中科院一区, IF=8.025)
3. **Ma, Yuyang**, Xu, Jinjin, Jiang, Suisui, & Zeng, Mingyong. (2022). Effect of chitosan coating on the properties of nanoliposomes loaded with oyster protein hydrolysates: Stability during spray-drying and freeze-drying. *Food Chemistry*, 385, 132603. (SCI 收录, 中科院一区, IF=9.231)
4. Jiang, Suisui¹, **Ma, Yuyang**¹, Wang, Yahui, Wang, Rui, & Zeng, Mingyong. (2022). Effect of κ -carrageenan on the gelation properties of oyster protein. *Food Chemistry*, 382, 132329. (共同一作, SCI 收录, 中科院一区, IF=9.231)
5. **Ma, Yuyang**, Wang, Yahui, Jiang, Suisui, & Zeng, Mingyong. (2022). Effect of gelatin on gelation properties of oyster (*Crassostrea gigas*) protein. *LWT*, 158, 113143. (SCI 收录, 中科院一区, IF=6.056)

6. **Ma, Yuyang**, Jiang, Suisui, & Zeng, Mingyong. (2021). *In vitro* simulated digestion and fermentation characteristics of polysaccharide from oyster (*Crassostrea gigas*), and its effects on the gut microbiota. *Food Research International*, 149, 110646. (SCI 收录, 中科院一区, IF=7.425)

7. **Ma, Yuyang**, Wang, Ruifang, Zhang, Tietao, Xu, Yunsheng, Jiang, Suisui, Zhao, Yuanhui, High Hydrostatic Pressure Treatment of Oysters (*Crassostrea gigas*)-Impact on Physicochemical Properties, Texture Parameters, and Volatile Flavor Compounds. *Molecules* 2021, 26 (19). (SCI 收录, 中科院二区, IF=4.927)