

List of Publications

1. **Zhao, Z. C.**, Gu, F. T., Li, J. H., Zhu, Y. Y., Huang, L. X., & Wu, J. Y. (2024). Fractionation, characterization, and assessment of nutritional and immunostimulatory protein-rich polysaccharide-protein complexes isolated from *Lentinula edodes* mushroom. *International Journal of Biological Macromolecules*, 136082.
 2. **Zhao, Z. C.**, Huang, L. X., Dong, X. L., & Wu, J. Y. (2024). Evaluation of Three-Phase Partitioning for Efficient and Simultaneous Isolation of Immunomodulatory Polysaccharides and Proteins from *Lentinula Edodes* Mushroom. *Food and Bioprocess Technology*, 1-15.
 3. **Zhao, Z.**, Li, R., Poojary, M. M., Nielsen, S. B., & Lund, M. N. (2021). Effect of Addition of Tryptophan on Aggregation of Apo- α -Lactalbumin Induced by UV-Light. *Foods*, 10(7), 1577.
 4. **Zhao, Z.**, Poojary, M. M.; Skibsted, L. H.; Lund, M. N. (2020). Cleavage of Disulfide Bonds in Cystine by UV-B Illumination Mediated by Tryptophan or Tyrosine as Photosensitizers. *Journal of Agriculture and Food Chemistry*. 68(25),6900-6909.
 5. **Zhao, Z.**, Engholm-Keller, K., Poojary, M. M., Boelt, S. G., Rogowska-Wrzesinska, A., Skibsted, L. H., ... & Lund, M. N. (2020). Generation of aggregates of α -lactalbumin by UV-B light exposure. *Journal of agricultural and food chemistry*, 68(24), 6701-6714.
 6. **Zhao, Z.**; Vavrusova, M.; & Skibsted, L. H. Antioxidant Activity and Calcium Binding of isomeric Hydroxybenzoates. *Journal of food and drug analysis*.2018, 26(2), 591-598.
 7. 赵梓辰. (2013). 浅谈我国食品安全管理. *现代企业教育*, (12), 326-326.
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8. Gu, F. T., Li, J. H., **Zhao, Z. C.**, Zhu, Y. Y., Huang, L. X., & Wu, J. Y. (2025). Metabolic outcomes of Cordyceps fungus and Goji plant polysaccharides during in vitro human fecal fermentation. *Carbohydrate Polymers*, 350, 123019.
 9. Huang, L. X., Gu, F. T., Zhu, Y. Y., **Zhao, Z. C.**, Li, J. H., & Wu, J. Y. (2024). Bifidogenic properties of polysaccharides isolated from mushroom *Lentinula edodes* and enhanced immunostimulatory activities through Bifidobacterial fermentation. *Food Bioscience*, 62, 105121.
 10. Zhu, Y. Y., Dong, Y. H., Gu, F. T., **Zhao, Z. C.**, Huang, L. X., Cheng, W. Y., & Wu, J. Y. (2024). Anti-Inflammatory Effects of Cordyceps Cs-HK1 Fungus Exopolysaccharide on Lipopolysaccharide-Stimulated Macrophages via the TLR4/MyD88/NF- κ B Pathway. *Nutrients*, 16(22), 3885.
 11. Li, J. H., Gu, F. T., Yang, Y., **Zhao, Z. C.**, Huang, L. X., Zhu, Y. Y., ... & Wu, J. Y. (2024). Simulated human digestion and fermentation of a high-molecular weight polysaccharide from *Lentinula edodes* mushroom and protective effects on intestinal barrier. *Carbohydrate Polymers*, 343, 122478.
 12. Nielsen, L. R.; Nielsen, S. B.; **Zhao, Z.**; Olsen, K.; Nielsen, J. H.; & Lund, M. N. (2018). Control of α -lactalbumin aggregation by modulation of temperature and concentration of calcium and cysteine. *Journal of agricultural and food chemistry*, 66(27), 7110-7120.
 13. 徐冰心, 王婷婷, 赵梓辰, 张惠玲, & 刘敦华. (2017). 松仁蛋白的研究进展. *安徽农业科学*, 45(33), 81-82.
 14. 张智, 刘东敏, 徐冰心, 胡俊飞, 刘奇, 国勇, 梁卓然, 卢香泥, 赵梓辰, 王振宇. (2015). 枯草芽孢杆菌 Bs-07 液态发酵提高黑木耳多糖抗凝血功能. *东南大学学报·英文版*, 31(1), 143-148.
 15. 林秀芳, 吴晓红, 赵梓辰, 徐冰心, 高小棠, & 刘敏. (2014). 松仁蛋白酶解液体外抗氧化活性分析. *CHINA OILS AND FATS*, 39(11).
 16. 徐冰心, 刘敏, 林秀芳, 赵梓辰, 高小棠, & 吴晓红. (2013). 胃蛋白酶水解松仁蛋白的研究. *安徽农业科学*, 6, 121.