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研究方向：食品功能因子和生物分离



个人简介 博士研究生，中共党员，南京农业大学食品科技学院副教授、硕导。南京工业大学博士毕业，南京理工大学博士后，University of Massachusetts Amherst 访问学者。主要研究方向为食品功能因子和生物分离，同时担任了《食品科学》、《食品工业科技》、《中国食品卫生杂志》和《食品与发酵工业》等期刊编委或审稿专家。

科研情况：

主持/参与校级、国家级、省级或横向科研项目十五项；主持校级/省级教改项目五项；以第一作者或通讯作者发表专业和教改论文共五十余篇，其中被 SCI 收录二十余篇；国家发明专利三项；负责四项研究生工作站。研发了姜黄素微胶囊、大蒜素微胶囊、石耳多糖、抗癌环肽、长根菇多糖、血耳多糖、淡红侧耳多糖、硫磺菌凝集素、白桦茸多糖、紫丁香蘑多糖、铜绿菌多糖和宠物诱食剂等十余种产品。

科研成果：

(1) Wang Yufeng*, Zhang Yanfeng, Shao Jiangjuan, Ren Xiaojie, Jia Jinxia, Li Baohua, Study on the immunomodulatory activity of a novel polysaccharide from the lichen *Umbilicaria Esculenta*, International Journal of Biological Macromolecules, 2019, 121:846-851 (SCI)

(2) Wang Yufeng*, Shu Xu, Chen Yangyang, Yan Jingfang, Zhang Shengsheng, Wu Benyue, Jia Jinxia, Enrichment, purification and in vitro antioxidant activities of polysaccharides from *Umbilicaria esculenta* macrolichen, *Biochemical Engineering Journal*, 2018, 130:10-20 (SCI)

(3) Wang Yufeng*, Wu Benyue, Shao Jiangjuan, Jia Jinxia, Tian Youqiu, Shu Xu, Ren Xiaojie, Guan Yue, Extraction, purification and physicochemical properties of a novel lectin from *Laetiporus sulphureus* mushroom, *LWT-Food Science and Technology*, 2018, 91:151-159 (SCI)

(4) Wang Yufeng*, Tian Youqiu, Shao Jiangjuan, Shu Xu, Jia Jinxia, Ren Xiaojie, Guan Yue, Macrophage immunomodulatory activity of the polysaccharide isolated from *Collybia radicata* mushroom, *International Journal of Biological Macromolecules*, 2018, 108:300-306 (SCI)

(5) Wang Yufeng*, Jia Jinxia, Tian Youqiu, Shu Xu, Ren Xiaojie, Guan Yue, Yan Zhiyong, Antifungal effects of clove oil microcapsule on meat products, *LWT-Food Science and Technology*, 2018, 89:604-609 (SCI)

(6) Wang Yufeng*, Youqiu Tian, Jiangjuan Shao, Shu Xu, Jinxia Jia, Xiaojie Ren, Macrophage immunomodulatory activity of the polysaccharide isolated from *Collybia radicata* mushroom, *International Journal of Biological Macromolecules*, 2018, 108:300-306(SCI)

(7) Wang Yufeng*, Jia Jinxia, Ren Xiaojie, Baohua Li, Qi Zhang, Extraction, preliminary characterization and in vitro antioxidant activity of polysaccharides from *Oudemansiella radicata* mushroom, *International Journal of Biological Macromolecules*, 2018, 120:1760-1769 (SCI)

(8) Wang Yufeng*, Shao Jiangjuan, Yao Shulin, Zhang Shengsheng, Yan Jingfan, Wang Huiqin, Chen Yangyang, Study on the antithrombotic activity of *Umbilicaria esculenta* polysaccharide, *Carbohydrate Polymers*, 2014, 105: 231-236 (SCI)

(9) Wang Yufeng, Zhu Xiaoyu, Bie Xiaomei, Lu Fengxia, Zhang Chong, Yao Shulin, Lu Zhaoxin*, Preparation of microcapsules containing antimicrobial lipopeptide from *Bacillus amyloliquefaciens* ES-2 by spray drying, *Lwt-Food Science and Technology*, 2014, 56(2): 502-507 (SCI)

(10) Wang Yufeng, Bie Xiaomei, Lv Fengxia, Zhang Chong, Lu Zhaoxin*, Study on flow fields in a bioreactor with perforated blades. *The Canadian Journal of Chemical Engineering*, 2013, 91:413-420 (SCI)

(11) Wang Yufeng, Shao Jiangjuan, Zhou Chunhong, Zhang Dongliang, Bie Xiaomei, Lv Fengxia, Zhang Chong, Lu Zhaoxin*, Food preservation effects of curcumin microcapsules, *Food*

Control, 2012, 27(1): 113-117 (SCI)

(12) Wang Yufeng, Shao Jiangjuan, Wang Zhaolong, Lu Zhaoxin*, Study of allicin microcapsules in β -cyclodextrin and porous starch mixture, Food Research International, 2012, 49(2): 641-647 (SCI)

(13) Wang Yufeng, Ye Hong, Zhou Chunhong, Lv Fengxia, Bie Xiaomei, Lu Zhaoxin*, Study on the spray-drying encapsulation of lutein in the porous starch and gelatin mixture, European Food Research and Technology, 2012, 234(11): 157-163 (SCI)

(14) Wang Yufeng, Lu Zhaoxin*, Bie Xiaomei, Lv Fengxia, Separation and extraction of antimicrobial lipopeptides produced by *Bacillus amyloliquefaciens* ES-2 with macroporous resin, European Food Research and Technology, 2010, 231(4): 189-196 (SCI)

(15) Wang Yufeng*, Lu Zhaoxin, Lv Fengxia, Bie Xiaomei, Study on microencapsulation of curcumin pigments by spray drying, European Food Research and Technology, 2009, 229(4): 391-396 (SCI)

(16) Wang Yufeng*, Lu Zhaoxin, Wu Hao, Lv Fengxia, Study on the antibiotic activity of microcapsule curcumin against foodborne pathogens, International Journal of Food Microbiology, 2009, 136(1):71-74 (SCI)