

目次 CONTENTS

生物工程

- 1 王小媛,耿君君, 靳学远,牛涵, 王龙霞 基于不同杀菌方式的杜仲籽油-苹果汁复合饮料贮藏稳定性评价
Storage stability evaluation of *Eucommia ulmoides* seed oil-apple juice compound beverage based on different sterilization methods
WANG Xiaoyuan, GENG Junjun, JIN Xueyuan, NIU Han, WANG Longxia
- 12 王晓,吴洲, 王宏伟,王榕, 陈浩然 基于深度学习和蛋白质语言模型的抗菌肽预测模型研究
Research on antimicrobial peptide prediction model based on deep learning and protein language model
WANG Xiao, WU Zhou, WANG Hongwei, WANG Rong, CHEN Haoran
- 19 张志平,宋洋洋, 王秋领,王清福, 龚贵平,付瑜锋, 陈高 基于离子液体的菌藻类胡萝卜素提取工艺研究
Research on extraction process of carotenoids from yeasts and algae based on ionic liquid
ZHANG Zhiping, SONG Yangyang, WANG Qiuling, WANG Qingfu, GONG Guiping, FU Yufeng, CHEN Gao
- 28 杜秋,唐辉, 孙军华,谭益升, 吴梓仟,蒋立文, 刘洋 即食豆干加工过程中的细菌污染溯源
Traceability of bacterial contamination during the processing of ready-to-eat dried soybean curd
DU Qiu, TANG Hui, SUN Junhua, TAN Yisheng, WU Ziqian, JIANG Liwen, LIU Yang
- 36 吴澄宇,李迎秋 韭花精油主成分对单增李斯特氏菌的抑菌活性和抑菌机理
Antibacterial activities and mechanisms of the major compositions of *Allium tenuissimum* flower essential oil against *Listeria monocytogenes*
WU Chengyu, LI Yingqiu
- 43 寇先勇,吴燕, 王晓姿,冯文博, 郑佳贝,尤祥宇, 苏江涛 5 种中药粗多糖水凝胶的制备及其促伤口愈合能力研究
Preparation of crude polysaccharide hydrogels from five kinds of traditional Chinese medicines and their ability to promote wound healing
KOU Xianyong, WU Yan, WANG Yaozi, FENG Wenbo, ZHENG Jiabei, YOU Xiangyu, SU Jiangtao

食品分析检测与溯源

- 54 李跑,谭惠珍, 谢叔娥,苏光林, 董怡青,唐辉 基于近红外光谱技术有监督模式识别的青皮产地溯源分析
Traceability analysis of *Pericarpium Citri Reticulatae Viride* origin based on near infrared spectroscopy technology and supervised pattern recognition
LI Pao, TAN Huizhen, XIE Shue, SU Guanglin, DONG Yiqing, TANG Hui
- 60 苑彬,金慧, 骈琳,高思今, 黄泽华 美拉德反应对食品品质与安全的影响及其产物检测研究进展
A review of the impact of Maillard reaction on food quality and safety and the detection of its products
YUAN Bin, JIN Hui, PIAN Lin, GAO Sijin, HUANG Zehua

主 编:魏世忠

执行主编:邹 琳

副 主 编:曲双红

执行编辑:杨晓娟

编辑人员:邹 琳 曲双红 王晓波 杨晓娟 吴晓亭 刘 静(特邀)

烟草化学

- 69 田金虎,袁颖, 微波预处理对加热卷烟用烤烟烟叶常规化学成分及挥发性香气成分的影响
卢昕博,汤晓东, Effect of microwave pretreatment on the conventional chemical composition and volatile aroma components of flue-cured tobacco leaves for heated cigarettes
潘力,王雨凝, TIAN Jinhu, YUAN Ying, LU Xinbo, TANG Xiaodong, PAN Li, WANG Yuning,
叶兴乾,蒋健 YE Xingqian, JIANG Jian
- 80 沙云菲,熊骏威, 烟草废弃物提取物的双水相萃取及其化妆品功效研究
费婷,吴达, Two-phase extraction of tobacco waste extracts and their cosmetic efficacy
任爽,蒋汶 SHA Yunfei, XIONG Junwei, FEI Ting, WU Da, REN Shuang, JIANG Wen
- 87 楚文娟,樊文鹏, 新型保润剂丙二醇吡咯酯的制备及其对再造烟叶保润效果研究
高子婷,韩路, Preparation of a novel moisturizing agent propylene glycol pyrrolide and its
田海英,姬小明, moisturizing effect on reconstructed tobacco leaves
万纪强,来苗 CHU Wenjuan, FAN Wenpeng, GAO Ziting, HAN Lu, TIAN Haiying, JI Xiaoming,
WAN Jiqiang, LAI Miao
- 94 杜赫,杨洪峰, 卷烟降焦减害滤棒构件的制备及应用
吴爽爽,赵怡凡, Preparation and application of filter rod components for reducing tar and harm
董露,田野, in cigarette
王志刚,陈晨 DU He, YANG Hongfeng, WU Shuangshuang, ZHAO Yifan, DONG Lu, TIAN Ye,
WANG Zhigang, CHEN Chen
- 100 何屹,杨本刚, 基于随机蛙跳筛选的初烤烟叶中 β -胡萝卜素和叶黄素含量近红外模型的
尹嵩,陈实, 建立
尹晓东,周文忠, Establishment of near infrared models of flue-cured tobacco leaves β -carotene
贾学伟,杨盼盼 and lutein based on random frog screening
HE Yi, YANG Bengang, YIN Song, CHEN Shi, YIN Xiaodong, ZHOU Wenzhong,
JIA Xuewei, YANG Panpan
- 107 方亦成,杨菁, 基于层次分析法的加热卷烟感官评价指标筛选及其权重建立
陆诚玮,冯奇, Selection and weight establishment of sensory evaluation index for heated
汪旭 tobacco products based on Analytic Hierarchy Process
FANG Yicheng, YANG Jing, LU Chengwei, FENG Qi, WANG Xu

烟草工艺

- 114 罗亮,师东方, 基于增量式PID算法的香精施加系统设计
朱鲜艳,宗东岳, Flavoring system design based on incremental PID algorithm
王明辉,王鹏飞, LUO Liang, SHI Dongfang, ZHU Xianyan, ZONG Dongyue, WANG Minghui,
金强,李朝建 WANG Pengfei, JIN Qiang, LI Chaojian
- 122 郭华诚,胡仙妹, 针辊式烟丝结构调控设备参数变化对细支烟卷制品质的影响
高尊华,李金周, Influences of the pin-roll tobacco structure control equipment parameters on the
王红霞 rolling quality of slim cigarette
GUO Huacheng, HU Xianmei, GAO Zunhua, LI Jinzhou, WANG Hongxia