

目次 CONTENTS

食品贮藏与保鲜

- 1 李欣蔚, 高香兰,
邓微, 张宗芮,
周钢霞
基于高通量测序的实仓不同点位稻谷理化性质及真菌群落结构差异比较
Comparison of differences in physicochemical properties and fungal community structure of paddy at different positions in real warehouses using high-throughput sequencing
LI Xinwei, GAO Xianglan, DENG Wei, ZHANG Zongrui, ZHOU Gangxia
- 10 杨焕彬, 曾庆培,
余艺敏, 孙欣,
王晓庆, 刘晓丽
玉米醇溶蛋白/姜黄素/曲酸复合膜对冷藏鸡肉保鲜效果的影响
Effect of zein/curcumin/kojic acid composite film on the preservation of refrigerated chicken
YANG Huanbin, ZENG Qingpei, SHE Yimin, SUN Xin, WANG Xiaoqing, LIU Xiaoli
- 19 杨怡静, 张佳雯,
林少玲, 胡嘉森
姜黄素介导下声光动力联合处理对百香果汁贮藏品质的影响
The influence of curcumin-mediated sono-photodynamic treatment on the storage quality of passion fruit juice
YANG Yijing, ZHANG Jiawen, LIN Shaoling, HU Jiamiao

食品加工与技术

- 28 望运滔, 郭秀琴,
王昱, 李胜杰,
栗俊广, 陈博,
白艳红
甲壳素颗粒与原花青素协同改善低盐条件下肌原纤维蛋白乳液凝胶的凝胶特性研究
Synergistic effect of chitin particles and proanthocyanidins in improving the gel properties of myofibrillar protein emulsion gels under low salt conditions
WANG Yuntao, GUO Xiuqin, WANG Yu, LI Shengjie, LI Junguang, CHEN Bo, BAI Yanhong
- 38 李梦晓, 刘成洋,
张玲, 董吉林,
申瑞玲, 李云龙
豌豆-燕麦复合蛋白凝胶制备及配方优化研究
Investigation of the preparation and formula optimization of pea-oat complex protein gel
LI Mengxiao, LIU Chengyang, ZHANG Ling, DONG Jilin, SHEN Ruiling, LI Yunlong
- 46 成晓宁, 张焯,
赵亚, 石启龙,
高瑞昌, 居向东
罗氏沼虾虾仁介电特性变化规律研究
The variation of dielectric properties of *Macrobrachium rosenbergii* meat
CHENG Xiaoning, ZHANG Zhuo, ZHAO Ya, SHI Qilong, GAO Ruichang, JU Xiangdong

烟草化学

- 56

吴彦,梁永伟,
薛云,李天笑,
孙丽莉,许春平,
徐志强

基于烟末和玫瑰混合提取的新型烟用香精及其应用研究
Novel tobacco flavoring based on co-extraction of tobacco powder and rose and its application
WU Yan,LIANG Yongwei,XUE Yun,LI Tianxiao,SUN Lili,XU Chunping,XU Zhiqiang
- 65

梁淼,雷添,
占小林,刘思奎,
张兴全,邹恩凯,
刘语煊,周瑞芳

烘焙处理对烟草废弃物热解和燃烧特性的影响
Influence of torrefaction treatment on the pyrolysis and combustion characteristics of tobacco waste
LIANG Miao,LEI Tian,ZHAN Xiaolin,LIU Sikui,ZHANG Xingquan,ZOU Enkai,LIU Yuxuan,ZHOU Ruifang
- 75

池哲翔,廖敏,
史尚,李声毅,
廖芸,丁冬

国外烟草活性成分提取及纤维材料利用研究现状与展望
Current status and future perspectives on the extraction of active components and utilization of fiber materials from tobacco abroad
CHI Zhexiang,LIAO Min,SHI Shang,LI Shengyi,LIAO Yun,DING Dong

烟草工艺

- 86

李晓,冯东民,
郭朋玮,方世航,
李宜馨,芦柯,
纪晓楠

应用离散元法表征烟丝尺寸对其柔软性的力学影响
Mechanical effects of cut tobacco sizes on softness characterized by discrete element method
LI Xiao,FENG Dongmin,GUO Pengwei,FANG Shihang,LI Yixin,LU Ke,JI Xiaonan
- 95

张雷,马永帅,
洪斌斌,熊开胜,
徐大勇,堵劲松,
李银华,邹泉

一种改进 OSELM 算法在片烟复烤过程水分在线检测中的应用
Application of an improved OSELM algorithm in online detection of moisture content in the tobacco strip redrying process
ZHANG Lei,MA Yongshuai,HONG Binbin,XIONG Kaisheng,XU Dayong,DU Jinsong,LI Yinhua,ZOU Quan
- 104

柴武君,郑闪闪,
游金清,李茂松,
陆成飞,薛晶晶,
杨靖

烟丝结构对中支卷烟的燃烧特性及烟气香味成分的影响
Effects of cut tobacco structure on combustion characteristics and smoke aroma components of medium-sized cigarettes
CHAI Wujun,ZHENG Shanshan,YOU Jinqing,LI Maosong,LU Chengfei,XUE Jingjing,YANG Jing
- 115

杨天卓,何晋,
吴恋恋,戴永生,
易斌,李华杰,
张二强,堵劲松

基于高光谱成像的烟丝掺配比例检测研究
Detection of tobacco blend ratio based on hyperspectral imaging
YANG Tianzhuo,HE Jin,WU Lianlian,DAI Yongsheng,YI Bin,LI Huajie,ZHANG Erqiang,DU Jinsong