

目次 CONTENTS

食品加工与技术

- 1 肖更生,沈乔眉,林可为,王锋,刘东杰,马路凯
超声微波协同提升贡柑片热风干燥效率的研究
Ultrasonic-microwave synergistic processing improvement of hot air drying efficiency for citrus Gonggan slices
XIAO Gengsheng, SHEN Qiaomei, LIN Kewei, WANG Feng, LIU Dongjie, MA Lukai
- 9 杨菊花,张宇佳,唐碧华,李常学,余东梅,田韦韦,刘俐,华桦
山茱萸山药复合袋泡茶配方优化及挥发性风味成分分析
Optimization of formulation and analysis of volatile flavor components of *Cornus officinalis* and *Dioscorea opposita* compound bagged tea
YANG Juhua, ZHANG Yujia, TANG Bihua, LI Changxue, YU Dongmei, TIAN Weiwei, LIU Li, HUA Hua
- 17 李娇,吕芳娥,杨梦娇,林子沁,李丹丹,姜瑜倩,李喜宏
哈密瓜幼瓜佐餐小菜护绿和保脆工艺研究
Study on the process for preserving the green and crispness of young cantaloupe prefabricated food
LI Jiao, LYU Fange, YANG Mengjiao, LIN Ziqin, LI Dandan, JIANG Yuqian, LI Xihong

粮油加工

- 26 韩静,陈鹏,孙冰华,王晓曦,马森
麦麸预处理技术应用于全麦粉及其制品品质改良的研究进展
Research progress on the application of wheat bran pretreatment technology in the quality improvement of whole wheat flour and its products
HAN Jing, CHEN Peng, SUN Binghua, WANG Xiaoxi, MA Sen
- 34 唐艳红,李书璿,张义平,曹煜婕,曾钰琪,姜晓冰
水热处理温度对玉米淀粉-绿原酸复合物结构及消化性能的影响
Effect of heat temperature on the structures and digestibility of corn starch-chlorogenic acid complexes
TANG Yanhong, LI Shujun, ZHANG Yiping, CAO Yujie, ZENG Yuqi, JIANG Xiaobing
- 42 郭学艺,董桂梅,申瑞玲,李云龙
高糊化度苦荞全粉对鲜湿面条品质的影响
Effect of high-gelatinized Tartary buckwheat flour on the quality of fresh wet noodles
GUO Xueyi, DONG Guimei, SHEN Ruiling, LI Yunlong

烟草化学

- 50 庞登红,白冰,祝浩,罗诚浩,柯炜昌,张璟,黄龙,毛多斌
麦芽酚碳酸酯的合成及其裂解行为分析
Synthesis and pyrolysis behavior analysis of maltol carbonates
PANG Denghong, BAI Bing, ZHU Hao, LUO Chenghao, KE Weichang, ZHANG Jing, HUANG Long, MAO Duobin
- 57 李凯,刘雯,徐建荣,黄朝章,王道铨,王夺
二元共晶糖醇颗粒的制备及其作为降温材料在传统卷烟中的应用
Preparation of binary eutectic sugar alcohol particles and their application as cooling materials in traditional cigarettes
LI Kai, LIU Wen, XU Jianrong, HUANG Chaozhang, WANG Daoquan, WANG Duo

主 编:魏世忠

执行主编:邹 琳

副 主 编:曲双红

执行编辑:吴晓亭

编辑人员:邹 琳 曲双红 王晓波 杨晓娟 吴晓亭 刘 静(特邀)

- 64 吕晋雄,安鸿沟,刘路路,李天笑,周权威,杨振,李东亮
国产雪茄烟叶原料感官品质评价方法的建立与应用
Establishment and application of sensory quality evaluation method for domestic cigar tobacco leaf raw materials
LYU Jinxiong, AN Hongyue, LIU Lulu, LI Tianxiao, ZHOU Quanwei, YANG Zhen, LI Dongliang
- 72 刘兴乐,杨俊鹏,张敦铁,王昊,高颂,闫铁军,庄虎,刘磊
基于感官品质与常规化学成分的加热卷烟用烟叶原料评价
Evaluation of different tobacco raw materials for heated cigarettes based on sensory evaluation and routine chemical composition
LIU Xingle, YANG Junpeng, ZHANG Duntie, WANG Hao, GAO Song, YAN Tiejun, ZHUANG Hu, LIU Lei
- 80 付光明,韦凤杰,常剑波,贾保顺,李致新,来苗,杨晓朋,姬小明
基于低场核磁共振的烤烟烟叶石油醚提取物含量检测方法
Determination of petroleum ether extracts in flue-cured tobacco leaves by low-field nuclear magnetic resonance
FU Guangming, WEI Fengjie, CHANG Jianbo, JIA Baoshun, LI Zhixin, LAI Miao, YANG Xiaopeng, JI Xiaoming

烟草生物技术

- 89 武士杰,付秋娟,信琪,于晓梅,杜咏梅,张鹏,刘洪斌,高丽伟
白酒大曲中产香微生物筛选及提升再造烟叶品质研究
Screening of an aroma-producing microorganism in Baijiu Daqu and its application on improving the quality of reconstituted tobacco extract
WU Shijie, FU Qiujuan, XIN Qi, YU Xiaomei, DU Yongmei, ZHANG Peng, LIU Hongbin, GAO Liwei
- 97 王海清,郭东锋,丁乃红,张明珠,时雅琪,吴学凤,穆冬冬,李兴江
云产雪茄烟叶微生物群落、游离氨基酸及挥发性风味物质特征分析
Characterization of microbial communities, free amino acids and volatile flavor compounds in cigar tobacco leaves from Yunnan province
WANG Haiqing, GUO Dongfeng, DING Naihong, ZHANG Mingzhu, SHI Yaqi, WU Xuefeng, MU Dongdong, LI Xingjiang

烟草工艺

- 109 唐习书,田德兴,方瑞萍,普云伟,杨露,王仕宏,马加平,资文华
卷烟制造过程梗签分离工艺及装备研究进展
Research progress on stem sliver separation process and equipment in cigarette manufacturing
TANG Xishu, TIAN Dexing, FANG Ruiping, PU Yunwei, YANG Lu, WANG Shihong, MA Jiaping, ZI Wenhua
- 118 朱亚昆,梅吉帆,郭文孟,苏子淇,李嘉康,徐大勇,堵劲松,李辉
基于PPF投影算法和高光谱技术的卷烟牌号识别模型
Cigarette brand identification model based on PPF projection algorithm and hyperspectral technology
ZHU Yakun, MEI Jifan, GUO Wenmeng, SU Ziqi, LI Jiakang, XU Dayong, DU Jinsong, LI Hui