

6/2021

ISSN 1008-9209
CODEN ZXSKFJ

Vol. 47 No. 6 Dec. 2021



Journal of Zhejiang University Agriculture and Life Sciences



ISSN 1008-9209

128

9 771008 920218

园艺产品品质与营养健康专题

Special Topic: Quality, Nutrition & Health of Horticultural Products

目 次 Contents

园艺产品品质与营养健康专题(Special Topic: Quality, Nutrition & Health of Horticultural Products)

综述(Reviews)

- 我国主要园艺植物天然产物研究进展 梁姣娇, 陈云义, 王岳, 陈杰标, 曹锦萍, 李鲜, 孙崇德 (683)
Research progress on natural products of main horticultural plants in China LIANG Jiaojiao, CHEN Yunyi, WANG Yue, CHEN Jiebiao, CAO Jinping, LI Xian, SUN Chongde (683)
富含花色苷的发酵型果酒色泽衰减原因及机制分析 梁舒妍, 白卫滨, 刘嘉惠, 孙建霞 (695)
Analysis on the cause and mechanism of color lose of fermented fruit wine rich in anthocyanins LIANG Shuyan, BAI Weibin, LIU Jiahui, SUN Jianxia (695)

研究论文(Research articles)

- 不同品种柑橘果实的类黄酮分离纯化及其抗氧化活性研究 朱泰霖, 王慧心, 陈杰标, 王岳, 曹锦萍, 李鲜, 孙崇德 (704)
Separation and purification of flavonoids from different citrus fruits and their antioxidant activities ZHU Tailin, WANG Huixin, CHEN Jiebiao, WANG Yue, CAO Jinping, LI Xian, SUN Chongde (704)
柑橘果实大小与质量的遗传分析和数量性状位点定位 罗艾, 龚桂芝, 彭祝春, 杨程, 常珍珍, 洪棋斌 (719)
Genetic analysis and quantitative trait locus mapping of citrus fruit size and mass LUO Ai, GONG Guizhi, PENG Zhuchun, YANG Cheng, CHANG Zhenzhen, HONG Qibin (719)
多甲氧基黄酮在不同宽皮柑橘品种组织中的积累变化规律 王彤, 叶子茂, 刘梦雨, 申晚霞, 赵晓春 (729)
Accumulation and change rules of polymethoxylated flavones in different tissues of mandarin WANG Tong, YE Zimao, LIU Mengyu, SHEN Wanxia, ZHAO Xiaochun (729)
不同杨梅品种果实游离氨基酸组成分析 朱奕凡, 王妍, 汪国云, 周超超, 焦云, 甘可欣, 孙德利, 朱长青, 贾惠娟, 高中山 (736)
Analysis of free amino acid composition in fruits of different bayberry (*Morella rubra*) varieties ZHU Yifan, WANG Yan, WANG Guoyun, ZHOU Chaochao, JIAO Yun, GAN Kexin, SUN Deli, ZHU Changqing, JIA Huijuan, GAO Zhongshan (736)
猪肚菌不同部位的营养评价及风味特征分析 杜佳馨, 席嘉佩, 方东路, 孙海娴, 胡秋辉, 赵立艳 (743)
Nutritional evaluation and flavor characteristic analysis of different parts of *Clitocybe maxima* DU Jiaxin, XI Jiapei, FANG Donglu, SUN Hailan, HU Qiupei, ZHAO Liyan (743)
3个嘉宝果品种花果香气成分研究 邱珊莲, 林宝妹, 吴妙鸿, 洪佳敏, 郑开斌 (757)
Research on aroma components in flowers and fruits of three varieties of jaboticaba QIU Shanlian, LIN Baomei, WU Miaohong, HONG Jiamin, ZHENG Kaibin (757)

资源利用与环境保护(Resource utilization & environmental protection)

- 叶面调理剂对浙江东部镉污染农田水稻主栽品种安全生产的影响 周其耀, 倪元君, 徐顺安, 王琼, 詹丽钏, 冯英 (768)
Effects of foliar conditioners on safety production of main rice varieties in cadmium-contaminated farmland in eastern Zhejiang Province ZHOU Qiya, NI Yuanjun, XU Shun'an, WANG Qiong, ZHAN Lichuan, FENG Ying (768)

- 甘肃省嘉峪关市酿酒葡萄园土壤重金属空间分布特征及风险评价 杨博, 张波, 闫培洁, 王莹捷, 吴娟弟, 张瑜, 韩舜愈 (777)
Spatial distribution characteristics and risk assessment of soil heavy metals in wine-making vineyard in Jiayuguan City, Gansu Province
..... YANG Bo, ZHANG Bo, YAN Peijie, WANG Yingjie, WU Juandi, ZHANG Yu, HAN Shunyu (777)
- 堆肥反应器运行方式对内部温度场影响的表征 谭昊, 陈晨, 李文祥, 孙佛芹, 沈东升, 龙於洋 (787)
Characterization of the influence of composting reactors with different operation strategies on internal temperature fields
..... TAN Hao, CHEN Chen, LI Wenxiang, SUN Foqin, SHEN Dongsheng, LONG Yuyang (787)

动物科学与动物医学 (Animal sciences & veterinary medicine)

- 黔北黑猪肌内脂肪沉积相关基因的筛选 孟金柱, 吴震洋, 安清明, 赵园园 (797)
Screening of genes related to intramuscular fat deposition in Qianbei black pigs
..... MENG Jinzhu, WU Zhenyang, AN Qingming, ZHAO Yuanyuan (797)
- 捻转血矛线虫锌金属蛋白酶NAS-31的表达特性及功能初步研究 黄艳, 张惠, 童丹妮, 周静茹, 吴飞, 陈学秋, 杨怡, 马光旭, 杜爱芳 (805)
Primary study on the expression pattern and function of zinc metalloproteinase NAS-31 in *Haemonchus contortus*
..... HUANG Yan, ZHANG Hui, TONG Danni, ZHOU Jingru, WU Fei, CHEN Xueqiu, YANG Yi, MA Guangxu, DU Aifang (805)

读者•作者•编者

- 《园艺产品品质与营养健康》简介 (694)
《浙江大学学报(农业与生命科学版)》简介 (718)
- 第47卷总目次(2021) (I)
Total contents of volume 47 (2021) (V)

CN33-1247/S * 1956 * b * A4 * 144 * zh + en * P * ¥ 30.00 * 1 000 * 13 * 2021-12

第47卷 卷终

End of Vol. 47

责任编辑 梁容
胡清华