



ISSN 1004-7999

CN 22 - 1261/S

연변대학농학학보

延边大学农学学报

JOURNAL OF AGRICULTURAL SCIENCE YANBIAN UNIVERSITY

第42卷 第2期

Vol.42 No.2

2
2020

目 次

● 长白山生物资源 ●

- 白色紫锥菊不定根提取工艺对酪氨酸酶活性抑制的影响 安晓丽,范明智,李学峰,车成来,廉美兰,朴炫春(01)
桔梗提取液经微生物发酵后抗氧化能力研究 曾玲,刘金熙,朱爽,张恩玮,金清(07)
2种培养方式下人参不定根生长动态观察及活性物质含量测定 郝悦君,孙浩丁,车成来,廉美兰,朴炫春(14)
红景天提取物的降血糖作用研究 刘素欣,张露,崔承弼(21)

● 作物·园艺·生态与环境 ●

- 玉米 *eIF5A* 基因克隆及生物信息学分析 单莉杰,李壮,郑大浩,吴委林(27)
季节性冻融作用对不同栽植年限及不同土层苹果梨园土壤 pH 值和有机碳变化的研究 廖睿恒,冉丽萍,董微巍,梁运江,徐同良(35)
基于木耳菌渣番茄育苗基质筛选研究 贺殊敏,周佩华,辛贵民,赵清竹,杨浩,傅民杰(43)
图们江中、下游流域水环境现状分析与评价 常瑜格,孙雪菲,朱卫红,金明姬,朴文华(51)
肥料与密度互作对蒙啤麦 5 号抗氧化酶活性的影响 刘志萍,王君,巴图,马宇,尚学燕,姜晓平,沈秋云,徐寿军(58)
污泥堆肥过程中细菌群落结构分析 李卓琼,黄升日,张皓楠,李光春,黄世臣,王娟,朴春香(65)
低温胁迫下 13 份地被菊品种耐寒性筛选 全英杰,蔡永亮,岳圆圆,任漫蓉,高日(71)

● 畜牧·兽医·食品科学与工程 ●

- 不同品种猪 *PBD-119* 基因的克隆与差异表达研究 刘艳光,张珈溯,罗新惠,柳检强,金海国,夏广军,曹阳,张立春(75)
胍基乙酸中药制剂对小鼠的急性毒性试验研究 张泰,李抒柏,高畅,金英海,杨立彬(83)

● 农业经济·农业机械·专题综述 ●

- 安徽省农业生态环境质量评价及预测研究 潘紫煊,朱家明,张腾(88)
延吉市城市生态用地优化研究 莫伯现,姚美岑,李明玉(96)
东北虎豹国家公园入口社区生态旅游发展研究 高情情,金光益,崔哲浩,张宏宇,吕弼顺(104)

期刊基本参数:CN22-1261/S * 1979 * q * A₄ * 112 * zh * P * ¥9.00 * 600 * 16 * 2020-06

AGRICULTURAL SCIENCE JOURNAL OF YANBIAN UNIVERSITY

Vol. 42NO. 2(sum. 148)2020

CONTENTS

● Biological Resources of Changbai Mountain ●

- Effect of extraction conditions of adventitious roots of *Echinacea pallida* (Nutt.) Nutt on inhibiting tyrosinase activity AN Xiaoli, FAN Mingzhi, LI Xuefeng, CHE Chenglai, LIAN Meilan, PIAO Xuanchun(01)
Study on antioxidant capacity of *Platycodon grandiflorum* extract liquid after microbial fermentation ZENG Ling, LIU Jinxi, ZHU Shuang, ZHANG Enwei, JIN Qing(07)
Study on growth dynamic of *Panax ginseng* adventitious roots and the determination of active substance contents under two culture conditions HAO Yuejun, SUN Haoding, CHE Chenglai, LIAN Meilan, PIAO Xuanchun(14)
Study on the hypoglycemic effect of *Rhodiola Rosea* extract LIU Suxing, ZHANG Lu, CUI Chengbi(21)

● Crops • Horticulture • Ecology and Environment ●

- Cloning and bioinformatic analysis of *eIF5A* gene in Maize SHAN Lijie, LI Zhuang, ZHENG Dahao, WU Weilin(27)
Study on the effect of seasonal freezing and thawing on changing of soil pH and organic carbon in apple-peach orchard LIAO Ruiheng, RAN Liping, DONG Weiwei, LIANG Yunjiang, XU Tongliang(35)
Study on the selection of tomato seedling medium based on fungus residue HE Shumin, ZHOU Peihua, XIN Guimin, ZHAO Qingzhu, YANG Hao, FU Minjie(43)
Analysis and evaluation of the water environment in the middle and lower reaches of the Tumen Riverbasin in China CHANG Yuge, SUN Xuefei, ZHU Weihong, JIN Mingji, PIAO Wenhua(51)
Effect of fertilizer and density on antioxidant enzyme activity of spring barley Mengpimai5 LIU Zhiping, WANG Jun, BA Tu, MA Yu, SHANG Xueyan, et al(58)
Analysis of bacterial communities in sludge composting processes LI Zhuoqiong, HUANG Shengri, ZHANG Haonan, LI Guangchun, et al(65)
Cold tolerance analysis of 13 ground cover chrysanthemum cultivars under low temperature stress QUAN Yingjie, CAI Yongliang, YUE Yuanyuan, REN Manrong, GAO Ri(71)

● Animal Husbandry • Veterinary • Food Science and Engineering ●

- Cloning and different expression of *PBD-119* gene in different breeds of pigs LIU Yanguang, ZHANG Jiasu, LUO Xinhui, LIU Jianqiang, JIN Haiguo, et al(75)
Acute toxicity of traditional Chinese medicine guanidine acetic acid preparation on mice ZHANG Tai, LI Shubai, GAO Chang, JIN Yinghai, YANG Libin(83)

● Agricultural Economy • Agricultural Machinery • Thematic Review ●

- Evaluation and forecast of agricultural eco-environmental quality in Anhui Province PAN Zixuan, ZHU Jiaming, ZHANG Teng(88)
Research on urban ecological land use optimization in Yanji City MO Boxian, YAO Meicen, LI Mingyu(96)
Research on the development of ecotourism in the entrance community of the Northeast Tiger and Leopard National Park GAO Qingqing, JIN Guangyi, CUI Zhehao, ZHANG Hongyu, LU Bishun(104)