



C
2017
中国精品科技期刊

2017
2020中国高校百佳科技期刊

ISSN 1001-0863 84/
IS

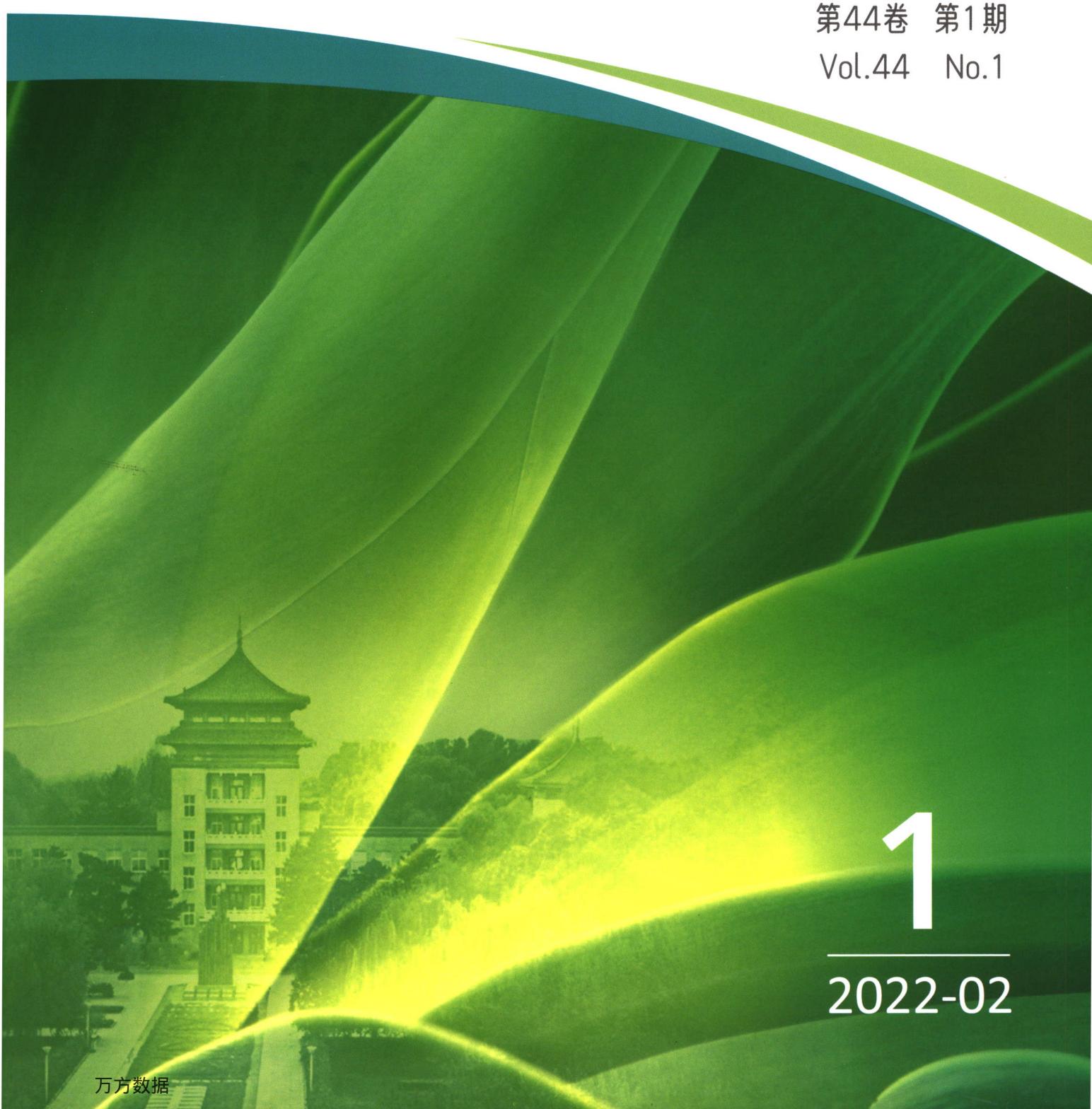
Q K 2 2 2 6 1 2 8

吉林农业大学学报

JOURNAL OF JILIN AGRICULTURAL UNIVERSITY

第44卷 第1期

Vol.44 No.1



吉林农业大学学报

第44卷 第1期 2022年2月

目 次

特约综述

- 2021年全球蓝莓产业数据报告 李亚东,盖禹含,王芳,刘成,刘有春,陈丽(1)
动物源性生物活性肽在皮肤创伤愈合中的作用研究进展
郝林琳,陈熙,夏培钧,杨睿,肖占红(13)

研究论文

不同施肥模式对东北粳稻产量及氮肥利用率的影响

- 苍柏峰,姜浩,李韫哲,戴知宁,崔菁菁,杨雪,武志海(21)
玉米抗倒伏相关性状遗传改良效果 马文宇,慈佳宾,姜良宇,杨洪明,栾奕,杨伟光(28)
大豆 *GmEPSPS1* 基因表达及草甘膦抗性功能分析

- 贾惠舒,张云彤,余洪宇,贺舒阳,赵维鹏,刘伟灿,李海燕(35)
抗虫 *Cry2Ab* 基因的原核表达及玉米的遗传转化

- 樊书羽,金时酉,王艺燃,曲静,刘思言,关淑艳,马义勇(44)
老参地轮作白屈菜及玉米对土壤养分及真菌群落结构的影响

- 张建勋,苑雪琪,巩金壮,方平,许永华,赵露(51)
我国稻田甲烷主要减排措施的技术效应与影响因素 刘珂纯,王旭东,赵鑫,张海林(61)
SPORL 法制备的有机肥对土壤肥力的影响 姚颜莹,吴景贵,李建明,范国,何瑞成(71)
我国猪瘟病毒 2.1c 亚型优势流行株的全基因组序列分析

- 徐佳轮,邢超男,米士江,龚文杰,涂长春(78)
丝胶蛋白对牛精液冷冻效果的影响 张达,吴秀菊,袁崇善,赵静,吕文发,王军(86)
内毒素对 17 ℃环境下猪精子质量的影响

- 王硕,魏国生,李井春,郭铭晖,刘忠刚,李雁冰,黄大鹏(92)
敖鲁古雅驯鹿 *SRY* 基因的生物信息学分析 何金明,鞠妍,邢秀梅,王磊,董依萌,鞠贵春(97)
豆粕替代鱼粉对黄金鲫生长、消化酶活力及非特异性免疫指标的影响

- 王婧瑶,吴莉芳,王东,段晶,李民,朱瑞,李良(104)
正交试验优化冷榨红花籽油脱色工艺 梁静,高鹏龙,李昕宇,张洁婧,张建峰(112)
藜麦淀粉提取工艺优化及性质表征 丁瑞瑞,罗阳,陈欢,张斯童,孙科,陈光,王刚(117)

- 吉林农业大学“科技小院”——让科技走进田间地头(Ⅱ) (封二,封三)
(本期执行编辑:林海涛)

期刊基本参数: CN 22-1100/S * 1979 * b * A4 * 128 * zh * P * ¥ 30.00 * 1000 * 16 * 2022-02

JOURNAL OF JILIN AGRICULTURAL UNIVERSITY

Vol.44 No.1

February 2022

CONTENTS

Special Review

- Global Blueberry Industry Report 2021 *Li Yadong, GAI Yuhua, WANG Fang, LIU Cheng, LIU Youchun, CHEN Li*(1)
Research Progress of Animal Derived Bioactive Peptides in Skin Wound Healing *HAO Linlin, CHEN Xi, XIA Peijun, YANG Rui, XIAO Zhanhong*(13)

Research Paper

- Effects of Different Fertilization Modes on Yield and Nitrogen Use Efficiency of Japonica Rice in Northeast China *CANG Baifeng, JIANG Hao, LI Yunzhe, DAI Zhining, CUI Jingjing, YANG Xue, WU Zhihai*(21)
Genetic Improvement Effect of Lodging Resistance Related Traits in Maize *MA Wenyu, CI Jiabin, JIANG Liangyu, YANG Hongming, LUAN Yi, YANG Weiguang*(28)
Analysis of Expression of *GmEPSPS1* Gene and Function of Glyphosate Resistance in Soybean *JIA Huishu, ZHANG Yuntong, YU Hongyu, HE Shuyang, ZHAO Weipeng, LIU Weican, LI Haiyan*(35)
Prokaryotic Expression of Insect-resistant *Cry2Ab* Gene and Genetic Transformation of Maize *FAN Shuyu, JIN Shiyu, WANG Yiran, QU Jing, LIU Siyan, GUAN Shuyan, MA Yiyong*(44)
Effects of Rotation of Celandine and Corn on Soil Nutrients and Fungal Community Structure in Ginseng-Used Lands *ZHANG Jianxun, YUAN Xueqi, GONG Jinzhuang, FANG Ping, XU Yonghua, ZHAO Lu*(51)
Technical Effects and Influencing Factors of Main Methane Emission Management Practices in China's Paddy Fields *LIU Kechun, WANG Xudong, ZHAO Xin, ZHANG Hailin*(61)
Effects of Organic Fertilizers Prepared by SPORL Method on Soil Fertility *YAO Yanying, WU Jinggui, LI Jianming, FAN Wei, HE Ruicheng*(71)
Genomic Sequence Analysis of Predominant 2. 1c Subgenotype Classical Swine Fever Virus in China *XU Jialun, XING Chaonan, MI Shijiang, GONG Wenjie, TU Changchun*(78)
Effect of Sericin on Freezing Effect of Bull Semen *ZHANG Da, WU Xiuju, YUAN Chongshan, ZHAO Jing, LU Wenfa, WANG Jun*(86)
Effect of Endotoxin on Quality of Pig Sperm Stored at 17 °C *WANG Shuo, WEI Guosheng, LI Jingchun, GUO Minghui, LIU Zhonggang, LI Yanbing, HUANG Dapeng*(92)
Bioinformatics Analysis of *SRY* Gene in Aologuya Reindeer *HE Jinming, JU Yan, XING Xiumei, WANG Lei, DONG Yimeng, JU Guichun*(97)
Effects of Replacing Fish Meal with Soybean Meal on Growth, Digestive Enzyme Activity and Non-specific Immune Indexes of *Carassius auratus* *WANG Jingyao, WU Lifang, WANG Dong, DUAN Jing, LI Min, ZHU Rui, LI Liang*(104)
Optimization of Decoloration Process of Cold Pressed Safflower Seed Oil by Orthogonal Test *LIANG Jing, GAO Penglong, LI Xinyu, ZHANG Jiejing, ZHANG Jianfeng*(112)
Extraction Process Optimization and Characterization of Quinoa Starch *DING Ruirui, LUO Yang, CHEN Huan, ZHANG Sitong, SUN Ke, CHEN Guang, WANG Gang*(117)

(Executive Editor: LIN Haitao)



吉林农业大学
JILIN AGRICULTURAL UNIVERSITY



《中文核心期刊要目总览》——综合性农业科学类核心期刊
中国科学引文数据库(CSCD)源刊
中国核心学术期刊(RCCSE)
中国科技核心期刊
中国农林核心期刊
中国精品科技期刊
中国高校百佳科技期刊

吉林农业大学学报

Jilin Nongye Daxue Xuebao

(1979年创刊 双月刊)
2022年2月 第44卷 第1期

Journal of Jilin Agricultural University

(Started in 1979 Bimonthly)

2022-02 Vol.44 No.1

主管单位 吉林省教育厅

主办单位 吉林农业大学

主编 冯江

编辑出版 《吉林农业大学学报》编辑部

地址 吉林省长春市新城大街2888号

邮编 130118

电话 0431-84532914

邮箱 jlndxb@vip.sina.com

网址 <http://xuebao.jlau.edu.cn>

印 刷 吉林省优视印务有限公司

发 行 《吉林农业大学学报》编辑部

发行范围 国内外公开发行

Administered by The Education Department of Jilin Province

Sponsored by Jilin Agricultural University

Chief editor FENG Jiang

Edited and published by Editorial Department of Journal of
Jilin Agricultural University

Address 2888 Xincheng Avenue, Changchun, Jilin 130118, China

Tel +86 431 8453 2914

E-mail jlndxb@vip.sina.com

<http://xuebao.jlau.edu.cn>

Distributed by Editorial Department of Journal of Jilin
Agricultural University

Distribution scope Published Both at Home and Abroad

中国标准连续出版物号:

ISSN 1000-5684
CN 22-1100/S

国内定价: 30.00 元/册

ISSN 1000-5684

