

中文核心期刊
中国科学引文数据库来源期刊
中国科技核心期刊

ISSN 1008-0864
CN 11-3900/S
CODEN ZNKDAJ



中国农业科技导报

Journal of
Agricultural Science
and Technology

2018年 第二十卷 Vol.20 第 2 期 No.2

科学技术部主管 中国农村技术开发中心主办

目 次

农业创新论坛

- 我国农业技术创新扩散研究评述 舒全峰,王亚华(1)
农药纳米微囊化剂型研究进展 王安琪,王琰,王春鑫,崔博,孙长娇,赵翔,曾章华,姚俊伟,刘国强,崔海信(10)
基于专利分析印楝素产业发展特征及其对策研究 刘熙东,陈铃诗,徐汉虹(19)

生物技术 生命科学

- 菜籽粕芥子碱降压及其对血管内皮因子的影响 王惠国,张楠楠,赵小红,秦海宏,卢轩,冯宝民(27)
不同基质配比对橡胶树籽苗芽接小筒苗生长的影响 周珺,陈青,王军,林位夫(33)
连作烤烟根际土壤细菌群落 16S rDNA-PCR-DGGE 分析 龚治翔,马晓寒,任志广,朱金峰,黄元炯,王蒙蒙,陈征,许自成(39)
新型高产 β -胡萝卜素巴斯德毕赤酵母表达宿主菌的构建 张祺珮,李雅楠,孟昆,柏映国,黄火清,罗会颖(48)
鞘氨醇胞菌 B1 咪唑降解基因 carB 的克隆与功能研究 边晨凯,张宇,陈度宇,王森,许雷(56)

智慧农业 农机装备

- 小麦生长模拟与三维可视化系统构建技术研究 李书钦,诸叶平,刘海龙,李世娟,刘升平,刘文超(65)
小型太阳能热风油菜籽循环干燥设备研究 张鹏,樊啟洲,唐宇,刘国山(72)

食品与营养

- 日本食物消费结构变化及对中国的启示 周晓雨,逢学思,郭燕枝,孙君茂(80)
不同条件下酶法测定蜂蜜中甘油含量的研究 李亮,孙萍,宁准梅,纪沛婧,贾英杰(86)

资源环境 生物药物 生物质转化

- 低磷胁迫对甘蓝型油菜自然群体产量及品质的影响 王雪,樊军鹏,李海涛,石磊,蔡红梅,徐芳森,刘克德,丁广大(93)
不同施肥措施对黄灌区枸杞光合特性及产量品质的影响 郝水源,宝格日乐,苏晓东,苏康,刘卓恩,韩雪,史瑞东(101)
日光温室四种土垄内嵌式基质栽培垄甜椒根区与垄侧昼夜温度变化特征 李宗耕,傅国海,刘文科(108)
环境因子对冠菌素水溶液稳定性的影响 王春燕,胡堂路,姜峰,谭伟明,段留生(116)
设施农业固碳研究现状与展望 陈丹艳,杨振超,孔政,胡晓婷,王晓旭,何蔚,陈乐涵(122)

海洋农业 淡水渔业

- 油酸诱导斑马鱼肝脏细胞脂滴形成与降解模型的建立 丁倩雯,张震,冉超,杜震宇,周志刚(129)

方法与技术创新

- 橡胶树死皮防治缓释颗粒调理剂造粒工艺的研究 胡义钰,冯成天,孙亮,袁坤,王真辉(139)
土壤绝对年龄测定方法研究进展 王晋,潘金华,庄舜尧(146)

理事单位风采

- 农业部南京农业机械化研究所 (封二)
新疆机械研究院股份有限公司 (封三)

CONTENTS

AGRICULTURAL INNOVATION FORUM

- Review on Agricultural Technology Innovation Diffusion in China SHU Quanfeng, WANG Yahua(1)
Research Progress on Nanocapsules Formulations of Pesticides WANG Anqi, WANG Yan, WANG Chunxin,
CUI Bo, SUN Changjiao, ZHAO Xiang, ZENG Zhanghua, YAO Junwei, LIU Guoqiang, CUI Haixin(10)
Studies on Development Characteristics of Azadirachtin Industry and Countermeasures Based on Patent Analysis
..... LIU Xidong, CHEN Lingshi, XU Hanhong(19)

BIOTECHNOLOGY & LIFE SCIENCE

- Antihypertensive Effect and Its Effect on Vascular Endothelial Growth Factor of Sinapine of Rapeseed Meal
..... WANG Huiguo, ZHANG Nannan, ZHAO Xiaohong, QIN Haihong, LU Xuan, FENG Baomin(27)
Effect of Different Mediums on the Growth of Rubber Small Polytube-Raised Buddings
..... ZHOU Jun, CHEN Qing, WANG Jun, LIN Weifu(33)
Analysis of Bacterial Communities in Rhizosphere Soil of Continuous Cropping Flue-cured Tobacco Using
16S rDNA-PCR-DGGE GONG Zhixiang, MA Xiaohan, REN Zhiguang,
ZHU Jinfeng, HUANG Yuanjiang, WANG Mengmeng, CHEN Zheng, XU Zicheng(39)
Construction of a New *Pichia pastoris* Engineering Strain for High-level β-carotene Production
..... ZHANG Qipei, LI Yanan, MENG Kun, BAI Yingguo, HUANG Huoqing, LUO Huiying(48)
Cloning and Functional Studies of Carbazole Degradation Gene *carB* from *Sphingosinicella* sp. Strain B1
..... BIAN Chenkai, ZHANG Yu, CHEN Duyu, WANG Sen, XU Lei(56)

INTELLIGENT AGRICULTURE & AGRICULTURAL MACHINERY

- Wheat Growth Simulation and 3D Visualization System Construction Technology
..... LI Shuqin, ZHU Yeping, LIU Hailong, LI Shijuan, LIU Shengping, LIU Wenchao(65)
Experimental Research on a Small Rapeseed Circulating Dryer Machine by Solar Hot Air
..... ZHANG Peng, FAN Qizhou, HUANG Yu, LIU Guoshan(72)

FOOD & NUTRITION

- Change of Food Consumption Structure in Japan and Its Enlightenment on China
..... ZHOU Xiaoyu, PANG Xuesi, GUO Yanzhi, SUN Junmao(80)
Determination of Glycerol Content in Honey by Enzymatic Method under Different Conditions
..... LI Liang, SUN Ping, NING Zhunmei, JI Peijing, JIA Yingjie(86)

RESOURCES AND ENVIRONMENT & BIOLOGICAL PHARMACY & BIOMASS TRANSFORMATION

- Effects of Phosphorus Deficiency on Seed Yield and Quality of A *Brassica napus* Natural Population
..... WANG Xue, FAN Junpeng, LI Haitao, SHI Lei, CAI Hongmei, XU Fangsen, LIU Kede, DING Guangda (93)
Effects of Different Fertilizers on Photosynthetic Properties, Yield and Quality of *Lycium barbarum* L. in the Yellow
River Irrigation Area
..... HAO Shuiyuan, BAOGE Rile, SU Xiaodong, SU Kang, LIU Zhuoen, HAN Xue, SHI Ruidong(101)
Diurnal Temperature Changes of Root Zone and Lateral Side of Four Soil-Ridged Substrate-Embedded Cultivation
Ridges Planted Sweet Pepper in Chinese Solar Greenhouse LI Zonggeng, FU Guohai, LIU Wenke(108)
Effects of Environmental Factors on Coronatine Stability in Aqueous Solution
..... WANG Chunyan, HU Tanglu, JIANG Feng, TAN Weiming, DUAN Liusheng(116)
Current Situation and Prospect of Carbon Sequestration Facility Agriculture
..... CHEN Danyan, YANG Zhenchao, KONG Zheng, HU Xiaoting, WANG Xiaoxu, HE Wei, CHEN Lehan(122)

MARINE AGRICULTURE & FRESHWATER FISHERIES

- Establishment of Lipid Droplets Formation and Degradation Models Induced by Oleic Acid in Zebrafish Hepatocyte
..... DING Qianwen, ZHANG Zhen, RAN Chao, DU Zhenyu, ZHOU Zhigang(129)

INNOVATIVE METHODS AND TECHNOLOGIES

- Studies on Granulation Technology of Slow-release Granule Conditioner for Tapping Panel Dryness Control in
Heveabrasiliensis HU Yiyu, FENG Chengtian, SUN Liang, YUAN kun, WANG Zhenhui(139)
A Review of Soil Absolute Dating Methods WANG Jin, PAN Jinhua, ZHUANG Shunyao(146)

中文核心期刊
中国科学引文数据库收录（2015-2016年来源期刊）
中国科技核心期刊（中国科技论文统计源期刊）
中国核心期刊（遴选）数据库收录期刊
RCCSE中国核心学术期刊（A）
中国农业核心期刊
中国学术期刊综合评价数据库来源期刊
《中国期刊网》、《中国学术期刊（光盘版）》全文收录期刊

Journal of
Agricultural Science
and Technology

新浪微博
中国农业科技导报

公众微信号
nykjdb



ISSN 1008-0864



9 771008 086181