

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

2016 年 第十八卷 Vol.18 第 6 期 No.6

科学技术部主管 中国农村技术开发中心主办

中国农业科技导报

2016年 第18卷 第6期

目次

农业创新论坛

- 我国粮食“十一连增”主要因素贡献分析及政策思考 闫 琰,宋莉莉,王秀东(1)
美国农业政策演变阶段、趋势和启示 果文帅,王静怡,陈珏颖,刘合光(9)
我国农作物秸秆综合利用发展模式及政策建议 石祖梁,刘璐璐,王 飞,李 想,常志州(16)

生物技术 生命科学

- 玉米转录因子 EREB58 启动子分析 陈忠良,李圣彦,汪 海,黄大昉,郎志宏(23)
蒙药冷蒿转录组 SSR 信息分析
... 岳春江,陈川川,郭凤仙,李 华,孙洪波,裴丹宁,马晓清,陈富欣,杨获莉,李 琴,刘 越(31)
光质对烤烟叶片衰老过程中内源激素含量和膜脂过氧化的影响
..... 卢素萍,赵铭钦,刘鹏飞,李玉娥,付 博(44)
拟南芥 *VTC1* 的 5' UTR 内含子功能分析 李生辉,王凤茹,黄荣峰,董金皋,王 娟(52)
甘肃高山细毛羊不同杂交组合胴体分级和切块分割效果分析
..... 王继卿,胡 江,周智德,刘 秀,李少斌,闫 伟,罗玉柱(58)
东亚飞蝗储存蛋白基因 *LmiHex-2* 的克隆与表达分析 李艳丽,郝金凤,赵学乾,印 红(65)
淡色生赤壳菌 YLZ42 发酵液稳定性及活性物质的初步研究
..... 杨莉娜,钟 娟,周金燕,谭 红(72)
一株产热稳定性脂肪酶莱茵海默氏菌(*Rheinheimera* sp.) NT-1 的分离及其酶学性质分析(英文)
..... 刘元利,陈吉祥,王永刚,李彦林,程 琳,周永涛(80)

数字农业 农机装备

- 基于可见光图像的玉米植株表型检测研究进展 袁 杰,杜建军,郭新宇(90)
果树冠层形态特征测量与分析研究进展 陈海啸,陆声链,徐 践(97)

资源环境 生物药物 生物质转化

- 不同改性生物炭对溶液中 Cd 的吸附研究 王瑞峰,周亚男,孟海波,杨宏志(103)
播期对玉米干物质积累转运和籽粒灌浆特性的影响
..... 徐田军,吕天放,陈传永,赵久然,王荣煊,刘月娥,刘秀芝,王元东,刘春阁,成广雷(112)
科尔沁沙地菊芋物质积累速率及分配规律的研究
..... 王 琳,高 阳,朱铁霞,高 凯,门果桃(119)
种植密度和施氮量对上部烟叶物理性状的影响效应分析
..... 齐永杰,邓小华,徐文兵,罗建钦,黄崇峻,黄聪光,李宏光,王生才(129)
松散回潮回风温度对烟叶化学成分与中性致香物质的影响
..... 邵惠芳,赵蓉蓉,范 磊,张慢慢,王彬彬,许自成(138)

海洋农业

- 西北太平洋公海秋刀鱼 CPUE 的时空分布研究
..... 吴 越,黄洪亮,刘 健,杨嘉樑,齐广瑞,饶 欣,李灵智(146)
罗非鱼与斑马鱼幼鱼肠内植物乳杆菌代谢比较研究
..... 张 雯,刘 智,王安然,吉 红,周志刚(153)
微囊藻毒素对鲢鱼肝脏 *GST* 和 *CYP7A1* 基因表达的影响
..... 贾沛轩,付春雪,荣 萍,朱信超,曲宪成(158)
我国海藻寡糖领域发展态势分析 余劲聪,何舒雅,林克明,尤 越(164)

食品与营养

基于熵权秩和比法的马铃薯营养价值评价研究 马云倩,王秀丽,孙君茂,郭燕枝(175)

方法与技术看新

三叶半夏丛生块茎途径扩繁及块茎分离技术研究
..... 贾明良,方荷芳,张本厚,陈集双,徐玲玲,廖 亮(181)

技术经济 信息经济 农业政策

农业政策和科技创新对玉米价格的影响 武玉环,郭静利(187)

基于食物能量安全的马铃薯主粮化实证研究——以宁夏南部山区为例
..... 李建平,陈 婧,上官周平(195)

基于 Nerlove 模型的我国牛奶供给影响因素分析 王宏宇,王明利,石自忠(201)

成果展示

农业物联网系统集成解决方案与应用案例 (封二)

2016 年第 18 卷总目录 (208)

征订启事 农药市场信息(128) 中国农业科技导报(封三)

信息交流(207) 作者投稿指南(218)

《中国农业科技导报》官方微博、微信正式开通

《中国农业科技导报》官方微博于 2013 年 9 月 5 日正式开通,微信公众平台同期开通。我刊将利用微博和微信平台,提供更多农业前沿进展与发展态势资讯,发布期刊出版信息等,读者、作者及关心农业科技发展的公众可以通过微博、微信更加直观地了解相关信息并进行互动交流。请关注!

新浪微博:<http://weibo.com/u/3769131480> 或搜索“中国农业科技导报”

公众微信号:“中国农业科技导报”或搜索“nykjdb”

微信二维码扫描:



CONTENTS

AGRICULTURAL INNOVATION FORUM

- Analysis and Rethinking on Main Factor Contribution for Increasing Grain Production in China during the Eleventh Increasing YAN Yan, SONG Li-li, WANG Xiu-dong(1)
- Development Stages, Future Trend and Enlightenment of USA's Agricultural Policies GUO Wen-shuai, WANG Jing-yi, CHEN Jue-ying, LIU He-guang(9)
- Development Model and Policy Proposal for Comprehensive Utilization of Crop Straw in China SHI Zu-liang, LIU Lu-lu, WANG Fei, LI Xiang, CHANG Zhi-zhou(16)

BIOTECHNOLOGY & LIFE SCIENCE

- Analysis of Maize Transcription Factor EREB58 Promoter CHEN Zhong-liang, LI Sheng-yan, WANG Hai, HUANG Da-fang, LANG Zhi-hong(23)
- Data Mining of Simple Sequence Repeats in Transcriptome Sequences of Mongolia Medicinal Plant *Artemisia frigida* Willd YUE Chun-jiang, CHEN Chuan-chuan, GUO Feng-xian, LI Hua, SUN Hong-bo, PEI Dan-ning, MA Xiao-qing, CHEN Fu-xin, YANG Huo-li, LI Qin, LIU Yue(31)
- Effect of Light Quality on Endogenous Hormone Content and Lipid Peroxidation of Membrane System during Aging Process of Flue-cured Tobacco Leaf LU Su-ping, ZHAO Ming-qin, LIU Peng-fei, LI Yu-e, Fu-bo(44)
- Function Analysis of *VTCL* 5' UTR Intron in *Arabidopsis* LI Sheng-hui, WANG Feng-ru, HUANG Rong-feng, DONG Jin-gao, WANG Juan(52)
- Effect of Carcass Classification and Cutting in Different Cross Combinations of Gansu Alpine Merino WANG Ji-qing, HU Jiang, ZHOU Zhi-de, LIU Xiu, LI Shao-bin, YAN Wei, LUO Yu-zhu(58)
- Cloning and Expression Analysis of a Hexamerin Gene *LmiHex-2* from *Locusta migratoria manilensis* (Acridoidea: Oedipodidae) LI Yan-li, HAO Jin-feng, ZHAO Xue-qian, YIN Hong(65)
- Study on the Stability of the Fermentation Broth and Bioactive Metabolite Produced by *Bionectria Ochroleuca* YLZ42 YANG Li-na, ZHONG Juan, ZHOU Jin-yan, TAN Hong(72)
- Isolation and Characterization of an Effective Thermostable Lipase Producing *Rheinheimera* sp. NT-1 LIU Yuan-li, CHEN Ji-xiang, WANG Yong-gang, LI Yan-lin, CHENG Lin, ZHOU Yong-tao(80)

DIGITAL AGRICULTURE & AGRICULTURAL MACHINERY

- Research Progress on Maize Plant Phenotype Detection Based on Visible Image YUAN Jie, DU Jian-jun, GUO Xin-yu(90)
- Studies Research Progress on Fruit Tree Canopy Shape Characteristics Measurement and Analysis CHEN Hai-xiao, LU Sheng-lian, XU Jian(97)

RESOURCES AND ENVIRONMENT & BIOLOGICAL PHARMACY & BIOMASS TRANSFORMATION

- Adsorption of Cd in Solution By Different Modified Biochar WANG Rui-feng, ZHOU Ya-nan, MENG Hai-bo, YANG Hong-zhi(103)
- Effect of Sowing Date on Maize Dry Matter Accumulation, Transformation and Grain Filling Characters XU Tian-jun, LV Tian-fang, CHEN Chuan-yong, ZHAO Jiu-ran, WANG Rong-huan, LIU Yue-e, LIU Xiu-zhi, WANG Yuan-dong, LIU Chun-ge, CHENG Guang-lei(112)
- Study on the Rate and Distribution of Material Accumulation in Horqin Sandy Land of *Helianthus tuberosus* L. WANG Lin, GAO Yang, ZHU Tie-xia, GAO Kai, MEN Guo-tao(119)

Effective Analysis of Planting Density and Nitrogen Levels on Physical Properties of Upper Paddy-tobacco

..... QI Yong-jie, DENG Xiao-hua, XU Wen-bing, LUO Jian-qin, HUANG Chong-jun,
HUANG Cong-guang, LI Hong-guang, WANG Sheng-cai(129)

Effects of Recirculated Air Temperature in Ordering Cylinder on Chemical Components and Neutral Aroma
Substances of Tobacco

..... SHAO Hui-fang, ZHAO Rong-rong, FAN Lei, ZHANG Man-man, WANG Shan-shan, XU Zi-cheng(138)

MARINE AGRICULTURE

Studies on Spatiotemporal Distribution of Saury Catch Per Unit Effort in Northwest Pacific High Sea

..... WU Yue, HUANG Hong-liang, LIU Jian, YANG Jia-liang, QI Guang-rui, RAO Xin, LI Ling-zhi(146)

The Comparison of Gut Adhesive *Lactobacillus Plantarum* Metabolism in Tilapia and Zebrafish Juvenile Fish

..... ZHANG Wen, LIU Zhi, WANG An-ran, JI Hong, ZHOU Zhi-gang(153)

Microcystin Effects on the Expression of *GST* and *CYP7A1* Genes in the Liver of Silver Carp

..... JIA Pei-xuan, FU Chun-xue, RONG Ping, ZHU Xin-chao, QU Xian-cheng(158)

Development Situation Analysis of Seaweed Oligosaccharides in China

..... YU Jin-cong, HE Shu-ya, LIN Ke-ming, YOU Yue(164)

FOOD & NUTRITION

Evaluation Study on the Nutrition of Potato Varieties Based on the Entropy Weight Rank Sum Ratio

..... MA Yun-qian, WANG Xiu-li, SUN Jun-Mao, GUO Yan-zhi(175)

INNOVATIVE METHODS AND TECHNOLOGIES

Study on Clusters Tubers Path and Tuber Separation Technology of *Pinellia ternata* (Thunb.) Breit.

..... JIA Ming-liang, FANG He-fang, ZHANG Ben-hou, CHEN Ji-shuang, XU Ling-ling, LIAO Liang(181)

TECHNICAL ECONOMY & INFORMATICS & AGRICULTURE POLICY

The Impact of Agricultural Policy and Innovation of Science and Technology on Corn Price

..... WU Yu-huan, GUO Jing-li(187)

Empirical Studies on Promotion of Potato as Staple Food Based on Food Energy Safety——A Case in Hilly Area of

Southern Ningxia Autonomous Region LI Jian-ping, CHEN Jing, SHANGGUAN Zhou-ping(195)

A Research on Influencing Factors of Milk Supply Based on Nerlove Model

..... WANG Hong-yu, WANG Ming-li, SHI Zi-zhong(201)

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

ISSN 1008-0864



9 771008 086167



新浪微博:
中国农业科技导报

公众微信号:
nykjdb