



河南省一级期刊
河南省高校优秀自然学期刊

ISSN 1008-7516
CN 41-1417/N

河南科技大学 学报

HENAN KEJI XUEYUAN XUEBAO

自然科学版
Ziran Kexue Ban

ISSN 1008-7516



9 771008 751201

06>

中国·新乡
XINXIANG CHINA

2020.3

2020年6月 第48卷 第3期 Vol. 48 No. 3

河南科技大学学报

自然科学版

第 48 卷第 3 期 2020 年 6 月

目 次

硝酸镧对干旱下冬小麦幼苗抗坏血酸和谷胱甘肽代谢的影响	单长卷,张妍妍,代海芳,贺杰,赵元增(1)
利用柿雄性性别连锁标记 DISx-AF4S 鉴定君迁子实生后代性别	张晓娜,周瑞金,张传来,扈惠灵,张应开,张鹏(6)
不同肥料施用对生菜生长发育和产量品质的影响	张警缔,王静童,孔鑫,王娇,唐蛟,吴大付,李琳琳,岳阳革(10)
中国粮食供需研究及预测 ——以小麦为例	庞碧玉,冯爱芬,曹振雪,胡启帆,王琰(15)
氯霉素间接竞争 ELISA 检测方法的建立	郭秀丽,赵丽花,庞永宏,梁建飞,牛斌,魏东(22)
平潭岛维管植物区系特征分析	左冰菁,程夕,张增可,王齐,黄柳菁(27)
郑州地区冬季观果与观花植物调查研究	孙利强,牛欣凯,刘子茵,王鹏飞(34)
菠萝汁对牛肉持水力效果的影响	王莹,孟可心,高海燕,秦跃奇,姜继凯,张麟,曾洁(39)
鲤鱼肉松的加工工艺及其品质研究	康晓风,闫寒,莫海珍,崔震昆,张浩(47)
一类变系数 Camassa-Holm 方程的精确尖波解 ——以加拿大地区为例	张万芹,陆博,马腾飞(56)
多元非线性回归模型在气候变暖方面的应用	陈振坤,贾积身,原晨冉,徐瑞(60)
基于卷积神经网络的橘子分类识别研究	李琳芳,王建军,魏征,冯向荣,安金梁(68)
基于区块链和隐私保护的网络数据共享技术研究	王丹丹(74)

【期刊基本参数】CN 41-1417/N * 1973 * b * A4 * 078 * zh * P * ¥10.00 * 500 * 13 * 2020-6

JOURNAL OF HENAN INSTITUTE OF SCIENCE AND TECHNOLOGY

Natural Science Edition

Vol. 48 No. 3 Jun. 2020

CONTENTS

- Effects of lanthanum nitrate on ascorbate and glutathione metabolism of winter wheat seedlings under drought stress SHAN Changjuan,ZHANG Yanyan,DAI Haifang,HE Jie,ZHAO Yuanzeng(1)
- Sex identification of Date plum seedlings using male sex-linked DISx-AF4S marker ZHANG Xiaona,ZHOU Ruijin,ZHANG Chuanlai,HU Huiling,ZHANG Yingkai,ZHANG Peng(6)
- Effects of different fertilizer application on growing development and quality of *Lactuca sativa* L. seedlings ZHANG Jingdi,WANG Jingtong,KONG Xin,WANG Jiao,TANG Jiao,WU Dafu,LI Linlin,YUE Yangping(10)
- Research and forecast of grain supply and demand in China
——Take wheat as an example PANG Biyu,FENG Aifen,CAO Zhenxue,HU Qifan,WANG Yan(15)
- Development of Ci-ELISA detection method of Chloramphenicol GUO Xiuli,ZHAO Lihua,PANG Yonghong,LIANG Jianfei,NIU Bin,WEI Dong(22)
- Analysis on the characteristics of vascular plant flora in Pingtan Island ZUO Bingjing,CHENG Xi,ZHANG Zengke,WANG Qi,HUANG Liujing(27)
- An investigation on winter ornamental fruit plants and flowering plants in Zhengzhou SUN Liqiang,NIU Xinkai,LIU Ziyin,WANG Pengfei(34)
- Effect of pineapple juice on water retention of beef GAO Haiyan,WANG Ying,MENG Kexin,QIN Yueqi,JIANG Jikai,ZENG Jie(39)
- Study on processing technology and quality of carps dried floss KANG Xiaofeng,YAN Han,MO Haizhen,CUI Zhenkun,ZHANG Hao(47)
- Exact Pointed-Wave solutions of a Camassa-Holm equation with variable coefficient ZHANG Wanqin,LU Bo,MA Tengfei(56)
- Application of multiple nonlinear regression model in climate warming
——Take Canadaasan example CHEN Zhenkun,JIA Jishen,YUAN Chenran,XU Rui(60)
- Research on orange classification and recognition based on convolutional neural network LI Linfang,WANG Jianjun,WEI Zheng,FENG Xiangrong,AN Jinliang(68)
- Research on network data sharing technology based on blockchain and privacy protection WANG Dandan(74)