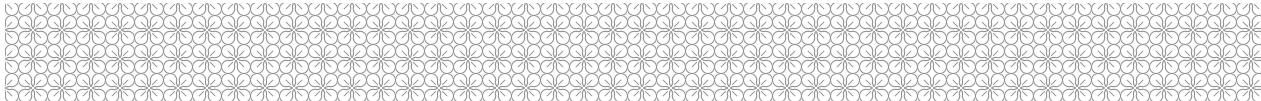


贵州大学学报(自然科学版)



◇ 专家特稿

命题知识库演化中的新知识特征 王以松,刘 薇,张 颖,张明义,李丹宁,杨佳佳/1
膨润土矿物选矿提纯方法研究

李彩霞,徐 猛,徐 依,邢博文,李树蔚,周洪博,寇吉良/20

◇ 基础科学研究

齿轮图及其一致膨胀图的 PI 指数 弓文慧,邵燕灵/27

变分不等式问题和半压缩映射有限簇的强收敛定理

房萌凯,高兴慧,郭玥蓉,王永杰/31

基于外积求解颗粒平衡问题

张兴刚/37

3 种除草剂和除草膜及其组合对烟田杂草的防除效果

孔 菲,龙春丽,张得平,邓明军,王 艳/43

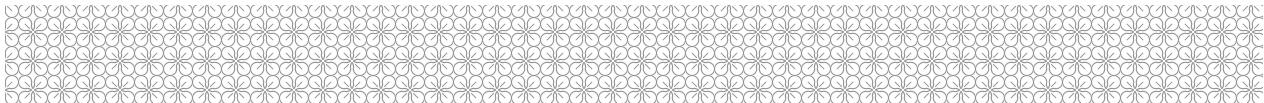
叶面喷施日本外担菌培养液对烤烟上部叶可用性的影响

魏嘉好,彭剑涛,刘国琴,彭丽娟,田 静,朱丹瑞/48

三种薯蓣属顶生翅组植物地下块茎糖含量研究

刘明研,张信翠,彭婷婷,曹华涛,陈 冉,刘品华,杨 芬/54

2024 年(第 41 卷)第 1 期 1 月 15 日出版



10 种不同油茶籽仁含油率与脂肪酸组成

凡海清,胡玉玲,钟海雁,杨健美,何重云,王菁,朱勇/59

◇ 工程科学研究及应用

基于数据驱动的 FAST 主动反射面调节优化模型

吕茏,陈浩,吴建鑫,刘亚兰,邓依兰,范小林/64

贵州沿空留巷支护技术的分析与改进 韩森,刘萍,王沉,康向涛/72

溴化锂吸收式余热回收机组的设计 钟国坚,谢庆亮,陈木凤/78

基于 VSG 的附加阻尼控制及其在光储并网系统中的应用

郭丹,熊炜,袁旭峰,代康林/83

云计算环境下基于全同态加密的神经网络分类预测研究 杨雄,徐慧华/89

基于注意力机制的双分支肺炎图像分类网络 张吉友,张荣芬,刘宇红/94

基于改进 PSO 算法优化 SVR 的信息安全风险评估研究

任远芳,牛坤,丁静,谢刚/103

堆石混凝土高拱坝施工期温度应力仿真分析 李太阳,唐晓玲,吴弦谦,杨韬/110

《贵州大学学报(自然科学版)》高被引论文的特征分析 于慧梅,杨洋,马成燕/119

本期执行编辑:江龙,曾晶,周晓南,于慧梅

Contents

What's New in the Evolution of Propositional Knowledge Bases?

..... WANG Yisong, LIU Hong, ZHANG Ying, ZHANG Mingyi, LI Danning, YANG Jiajia/1

Research Progress of Bentonite Purification Technology

..... LI Caixia, XU Meng, XU Yi, XING Bowen, LI Shuwei, ZHOU Hongbo, KOU Jiliang/20

PI Index of Gear Graph and Uniform Inflation Graph GONG Wenhui, SHAO Yanling/27

Strong Convergence Theorem of Variational Inequality Problems and a Finite Family of Semi-contractive Mappings

..... FANG Mengkai, GAO Xinghui, GUO Yuerong, WNAG Yongjie/31

Solving Particle Equilibrium Problem Based on Wedge Product ZHANG Xinggang/37

Effectiveness of Three Herbicides and Herbicide Film Combinations for Weed Control in Tobacco Fields

..... KONG Fei, LONG Chunli, ZHANG Deping, DENG Mingjun, WANG Yan/43

Effects of Foliar Spraying with *Exobasidium japonicum* Culture Solution on the Usability of Upper Leaves of To-

bacco WEI Jiayu, PENG Jiantao, LIU Guoqin, PENG Lijuan, TIAN Jing, ZHU Danrui/48

Studies on the Saccharides Contents from the Rhizome of Three *Dioscorea* Species in Acroterus Plants

..... LIU Mingyan, ZHANG Xincui, PENG Tingting, CAO Huatao, CHEN Ran, LIU Pinhua, YANG Fen/54

Oil Content and Fatty Acid Profile of 10 *Camellia oleifera* Seeds

..... FAN Haiqing, HU Yuling, ZHONG Haiyan, YANG Jianmei, HE Chongyun, WANG Jing, ZHU Yong/59

Data Driven Optimization Model for the Adjustment of FAST Reflector

..... LV Long, CHEN Hao, WU Jianxin, LIU Yalan, DENG Yilan, FAN Xiaolin/64

Analysis and Improvement of Gob-Side Entry Retaining Support Technology in Guizhou

..... HAN Sen, LIU Ping, WANG Chen, KANG Xiangtao/72

Design of Waste Heat Recovery Unit with Lithium Bromide Absorption

..... ZHONG Guojian, XIE Qingliang, CHENG Mufeng/78

Additional Damping Control Based on VSG and its Application in Photovoltaic Storage Grid-Connected System

..... GUO Dan, XIONG Wei, YUAN Xufeng, DAI Kanglin/83

Research on Neural Network Classification Prediction Based on Fully Homomorphic Encryption in Cloud Computing Environment YANG Xiong, XU Huihua/89

Double Branch Pneumonia Image Classification Network Based on Attention Mechanism

..... ZHANG Jiyou, ZHANG Rongfen, LIU Yuhong/94

Research on Risk Assessment of Information Security Based on SVR Optimized by Improved PSO Algorithm

..... REN Yuanfang, NIU Kun, DING Jing, XIE Gang/103

Simulation Analysis of Temperature Stresses During Construction of RFC High Arch Dam

..... LI Taiyang, TANG Xiaoling, WU Xianqian, YANG Tao/110

Characteristic Analysis of Highly Cited Papers of *Journal of Guizhou University(Natural Sciences)*

..... YU Huimei, YANG Yang, MA Chengyan/119