

目 次

食品科学与生物工程

..... 李亚娜,谭林翔,叶青青(1)

莲藕皮节水提物对鲜切莲藕褐变的影响研究 谢君,闵婷,郑梦林,等(4)

蜜蜂蜂花粉泡腾片制备工艺研究 田胜,谢攀,朱琴花,等(7)

茯苓原生质体制备与再生条件的优化 汪琪,赵小龙,陈平(11)

非结核分枝杆菌 MmpL 家族同源性分析及拓扑结构预测 孙妍,陈高瞻,占卫红,等(16)

化学与化学工程

行星式球磨法制备碳—氧化锌纳米复合材料 尹俊霞,肖坤儒,堵雷,等(21)

机械工程

基于 CASTEP 软件对非化学计量比 TiC 的结构研究 贺战文,张琰(24)

信息与控制工程

基于机器视觉的块状工件方位快速识别 戴立,管庶安,高益(27)

拖拉机自动转向控制系统的一种改造方案 张媛媛,张双狮,张家凡(31)

基于 Hadoop 的超市数据分析系统的设计 李博,范丽丽(35)

基于 WiFi 的商业软件研究及实现 龚娴,张帆,王超,等(39)

一种无需借助栈的严格平衡二叉树建立 魏志威,王防修(47)

一种图像素描特效处理算法及实现 刘光蓉,王文靖,李诗高,等(51)

反馈粒子滤波在 GPS/INS 组合导航系统中的应用 秦岭,刘晨曦(56)

基于前缀码的快速编码算法研究 王防修(60)

土木与交通工程

桩柱式桥台背墙、盖梁的数值模拟分析研究 徐伟,杨宽,郭宏磊(65)

冷拌沥青混合料乳化沥青研究 钱俊懿,姜艺,胡新华(68)

地下工程综合管沟沉降的数值分析 郭健,夏鹏,殷俊(72)

公路工程全寿命周期效益成本管理体系构建研究 罗岸,姜艺,苏洁(77)

经济与管理工程

湖北省科技与金融融合现状及创新对策研究 陈会玲,龙子午,李晓涛(81)

体育产业与旅游产业融合发展模式与对策研究
——基于全价值链的视角 周霄(86)

基于扶贫开发视角的特色乡村旅游发展策略研究
——以湖北省为例 严丽,程丛喜,刘保丽(92)

电子商务环境下的税收问题研究 高燕,杨柳(97)

VIE 模式对中国赴美上市企业影响的 SWOT 分析 王云鹏,龙子午(101)

影响农业上市公司成长性的因素分析 李勇(105)

论山水元素在平面广告中的意境表达 胡晶(109)

《武汉轻工大学学报》2015 年中英文总目次 (113)

CONTENTS

Food Science and Bioengineering

- Effect of chitosan /PE composite films on the quality of citrus fruits *LI Ya-na, TAN Lin-xiang, YE Qing-qing*(1)
- Effect of water extract from lotus root skin and head on browning of fresh-cut lotus root *XIE Jun, MIN Ting, ZHENG Meng-lin, et al*(4)
- Study on technology of preparing honey and bee pollen effervescent tablets *TIAN Sheng, XIE Pan, ZHU Qing-hua, et al*(7)
- The optimizing conditions of *Poria cocos* protoplasts preparation and regeneration *WANG Qi, ZHAO Xiao-long, CHEN Ping*(11)
- Homology analysis and function prediction of MmpL protein family of *Nonberculous Mycobacterion* *SUN Yan, CHEN Gao-zhan, ZHAN Wei-hong, et al*(16)

Chemistry and Chemical Engineering

- Preparation of the nano-composite materials of carbon-zinc oxide by planetary ball-milling method *YIN Jun-xia, XIAO Kun-ru, DU Lei, et al*(21)

Mechanical Engineering

- Study of the structure of the nonstoichiometric of TiC based on castep software *HE Zhan-wen, ZHANG Yan* (24)

Information and Control Engineering

- Fast recognition of the blocky workpiece position based on machine vision *DAI Li, GUAN Shu-an, GAO Yi*(27)
- A reform scheme of automatic steering control system for tractor *ZHANG Yuan-yuan, ZHANG Shuang-shi, ZHANG Jia-fan*(31)
- Design of data analysis system of the supermarket based on Hadoop *LI Bo, FAN Li-li*(35)
- Research and implementation of business software based on WiFi hotspots *GONG Xian, ZHANG Fan, WANG Chao, et al*(39)
- A method to establish a strict balance two fork tree without the help of a stack *WEI Zhi-wei, WANG Fang-xiu*(47)
- An image processing algorithms and implementation of sketch effects *LIU Guang-rong, WANG Wen-jing, LI Shi-gao, et al*(51)
- Usage of Feedback Particle Filter algorithm in GPS/INS integrated navigation system *QIN Ling, LIU Chen-xi*(56)
- Fast encoding algorithm research based on prefix codes *WANG Fang-xiu*(60)

Civil and Traffic Engineering

- Numerical simulation analysis of parados and cap beam on pile pillar abutment *XU Wei, YANG Kuan, GUO Hong-lei*(65)
- Study on emulsified asphalt of cold asphalt mixture *QIAN Jun-yi, JIANG Yi, HU Xin-hua*(68)
- Numerical analysis of pipe settlement in underground construction *GUO Jian, XIA Peng, YIN Jun*(72)
- Framework of life cycle benefit-cost analysis system for highway projects *LUO An, JIANG Yi, SU Jie*(77)

Economy and Management Engineering

- Research on the status and innovation strategies about the sci-tech finance in Hubei province *CHEN Hui-ling, LONG Zi-wu, LI Xiao-tao*(81)
- Research on development patterns and countermeasures of sports industry and tourism industry convergence from the perspective of the whole value chain *ZHOU Xiao*(86)
- Research on strategies of characteristic rural tourism development from the angle of poverty alleviation *YAN Li, CHENG Cong-xi, LIU Bao-li*(92)
- Research of tax questions under electronic commerce environment *GAO Yan, YANG Liu*(97)
- Influence of VIE pattern on U. S. -listed Chinese companies by the SWOT analysis *WANG Yun-peng, LONG Zi-wu*(101)
- A factor analysis of influencing the growth of agricultural public company *LI Yong*(105)
- Exploring the artistic conception of landscape elements in print ads *HU Jing*(109)