

# 齐鲁工业大学学报

(自然科学版)

第 28 卷

第 3 期(总第 109 期)

2014 年 9 月

## 目 次

- 意蜂中反式-10-羟基-2-癸烯酸分泌规律分析 ..... 张 翔,王瑞明,王腾飞,李丕武,杨晓慧(1)  
非营养条件对普通念珠藻生物量和胞外多糖分泌的影响 ..... 赵兰娟,于海峰(6)  
西太平洋放线菌的分离筛选 ..... 马玲琪,张改云(11)  
磁性  $\text{Fe}_3\text{O}_4$  纳米颗粒作为药物载体的研究进展 ..... 胡国伟,张 松,刘新利(15)  
疏穗方式对酿酒葡萄发育与品质的影响 ..... 刘 胜,刘品何,张家荣,孙庆扬,张 将,赵新节(20)  
上面发酵 100% 大麦啤酒饮料的酿造 ..... 崔云前,庞 帅,朱维岳(25)  
产  $\beta$ -甘露聚糖酶菌株的筛选及产酶条件优化的研究 ..... 单修环,刘钇君,刘新利(28)  
超临界  $\text{CO}_2$  提取桑叶中总黄酮的工艺研究 ..... 林英男,时 伟(32)  
响应面法优化灵芝多糖超声波提取工艺 ..... 唐晓璇,王成忠,李 双,王晓华,周 晓(37)  
莲藕酒酿造工艺的研究 ..... 李敬龙,林英男,时 伟(42)  
小麦麸皮低聚糖的研究进展 ..... 王晓华,李 双,唐晓璇,周 晓,王成忠(47)  
卤醇脱卤酶的研究现状及展望 ..... 焦安浩,张 松,刘新利(51)  
1.5Li<sub>2</sub>O-P<sub>2</sub>O<sub>5</sub>-xTiO<sub>2</sub>玻璃/微晶玻璃快离子导体的研究 ..... 李彦鹏,何 文,李海明,毕志英(54)  
非小细胞肺癌驱动基因检测研究进展 ..... 王海燕,闫 磊,兰文军(60)  
用电导滴定法测定聚丙烯酸酯乳液中的羧基分布 ..... 郭丰梅,姚金水,范 瑞,刘文华,武秋香(65)  
聚乙二醇凝胶的制备及其溶胀性能研究 ..... 彭国锋,陈晓平,乔从德(69)  
阴极电泳涂料系丙烯酸树脂的合成与性能研究 ..... 刘文华,姚金水,郭丰梅,范 瑞,田晓雨(72)  
基于非线性主成分聚类分析的生态文明水平的评价方法 .....  
..... 王照锡,来庆志,李 彬,郭荣伟,王景明,王晓丽(75)  
时间压力与研发人员创新行为关系的探讨——基于资源保存理论的调节模型 ..... 李凤莲(81)  
Multi-Agent 系统在企业财务风险管理中的应用研究 ..... 苗彩霞(84)  
关于建筑工程造价预算控制要点的几点思考 ..... 杨嘉缘(88)  
生活用纸销售策略探讨 ..... 徐 伟(93)  
我国海域资源产权制度解析 ..... 曹英志,翟伟康,王世福,张宇龙,王园君(97)

责任编辑:张云瑞 娄 峰 外文编辑:杨 辉

期刊基本参数:CN37-1498/N \* 1987 \* q \* 16 \* 100 \* zh \* P \* ¥ 10.00 \* 1000 \* 23 \* 2014-9

JOURNAL OF QILU  
UNIVERSITY OF TECHNOLOGY

(Natural Science Edition)

Vol. 28

No. 3 (SUM No. 109)

Sep. 2014

**CONTENTS**

Secretion regularity analysis of trans-10-hydroxy-2-decene acid in <i>Apis mellifera ligustica</i> .....	ZHANG Xiang, WANG Rui-ming, WANG Teng-fei, LI Pi-wu, YANG Xiao-hui(1)
Effects of nonnutritional conditions on <i>nostoc commune</i> biomass accumulation and extracellular polysaccharides secretion .....	ZHAO Lan-juan, YU Hai-feng(6)
Studies on isolation screening of marine actinomycetes .....	MA Ling-qi, ZHANG Ga-yun(11)
Progress in applications of Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as drug carrier .....	HU Guo-wei, ZHANG Song, LIU Xin-li(15)
Effects of cluster-thinning methods on growth and quality of wine grape .....	LIU Sheng, LIU Pin-he, ZHANG Jia-rong, SUN Qing-yang, ZHANG Jiang, ZHAO Xin-jie(20)
Brewing with 100% barley beer beverage using the top-fermentation .....	CUI Yun-qian, PANG Shuai, ZHU Wei-yue(25)
Research of the screening of strains producing β-mannanase and optimum conditions of producing β-mannanase .....	SHAN Xiu-huan, LIU Yi-jun, LIU Xin-li(28)
Study on the optimal supercritical CO <sub>2</sub> extraction of total flavonoids from mulberry leaves .....	LIN Ying-nan, SHI Wei(32)
Optimization of ultrasonic extraction process for <i>Ganoderma lucidum</i> polysaccharide by response surface methodology .....	TANG Xiao-xuan, WANG Cheng-zhong, LI Shuang, WANG Xiao-hua, ZHOU Xiao(37)
Investigation of brewing process of <i>Nelumbo nucifera</i> wine .....	LI Jing-long, LIN Ying-nan, SHI Wei(42)
Research progress on wheat bran oligosaccharides .....	WANG Xiao-hua, LI Shuang, TANG Xiao-xuan, ZHOU Xiao, WANG Cheng-zhong(47)
Research status and prospect of halohydrin dehalogenase .....	JIAO An-hao, ZHANG Song, LIU Xin-li(51)
Research of 1.5Li <sub>2</sub> O-P <sub>2</sub> O <sub>5</sub> -xTiO <sub>2</sub> glass/glass-ceramic fast ionic conductor .....	LI Yan-peng, HE Wen, LI Hai-ming, BI Zhi-ying(54)
Research progress in detection of driver gene in Non-Small Cell Lung Cancer .....	WANG Hai-yan, YAN Lei, LAN Wen-Jun(60)
Carboxyl distribution of Polyacrylate emulsion determined by conductometric titration .....	GUO Feng-mei, YAO Jin-shui, FAN Rui, LIU Wen-hua, WU Qiu-xiang(65)
Preparation and study of swelling properties of PEG Hydrogel .....	PENG Guo-feng, CHEN Xiao-ping, QIAO Cong-de(69)
Synthesis and properties of acrylic resin of cathodic electrophoretic coating .....	LIU Wen-hua, YAO Jin-shui, FAN Rui, GUO Feng-mei, TIAN Xiao-yu(72)
Evaluation methods of the level of ecological civilization based on the nonlinear principal component cluster analysis .....	WANG Zhao-xi, LAI Qing-zhi, LI Bin, GUO Rong-wei, WANG Jing-ming, WANG Xiao-li(75)
Discussion on relationship between time pressure and innovation behavior of research and development employee ——A moderated model based on conservation of resource theory .....	LI Feng-lian(81)
The application of Multi-Agent system in financial risk management .....	MIAO Cai-xia(84)
Thinking about the key points in the field of construction budget control .....	YANG Jia-yuan(88)
Research on the selling tactics in tissue paper .....	XU Wei(93)
Analysis of the system of property right of marine resources in China .....	CAO Ying-zhi, ZHAI Wei-kang, WANG Shi-fu, ZHANG Yu-long, WANG Yuan-jun(97)