

# 目次

2020年第27卷第2期(总第118期)

## 人工林生态营林研究

- 珍贵乡土树种与桉树混交对生态系统生物量和碳储量的影响 ..... 温远光,张祖峰,周晓果,等(111)  
南亚热带杉木、红锥人工林碳储量及分配特征 ..... 赵樟,温远光,周晓果,等(120)  
除草剂对桉树人工林生物量和碳储量的影响 ..... 温远光,左晓庆,周晓果,等(128)  
岑王老山常绿落叶阔叶混交林的物种组成及多样性特征 ..... 梁洁洁,周晓果,温远光,等(136)  
岑王老山常绿落叶阔叶混交林群落优势种种间联结性与种间相关性分析 ..... 于瀛,罗应华,刘朝阳,等(145)

## 马尾松人工林生态学研究

- 广西不同气候条件下马尾松人工林木本植物组成及多样性特征 ..... 秦佳双,王永琪,马姜明,等(154)  
广西不同气候条件下马尾松人工林生物量模型构建及分配格局 ..... 秦佳双,李玉凤,马姜明,等(165)

## 生物技术

- 大米蛋白水解条件的响应面法优化 ..... 黄艳燕,王升,冯涛,等(175)  
剑麻皂素工业化制备技术研究进展 ..... 王俊,覃佑康,曹志恒,等(182)  
生产废水清液和二次凝水回用对燃料乙醇发酵的影响 ..... 周勇(188)

## 特邀栏目

- 基于遥感的喀斯特地区水体景观格局演化定量分析 ..... 陈思源,程海梅,吴水亭(195)  
日照港岚山港区附近海域秋季浮游动物群落结构特征 ..... 张亮,宋春丽,王岚,等(203)  
不确定性环境下可再生能源系统新优化模型 ..... 阳彩霞,万中(211)

# CONTENTS

2020 Vol. 27 No. 2 (No. 118)

## Studies on Eco-silviculture of Plantations

- Effects of Mixing Precious Indigenous Tree Species and *Eucalyptus* on Ecosystem Biomass and Carbon Stocks ..... WEN Yuanguang, ZHANG Zufeng, ZHOU Xiaoguo, et al. (111)  
Carbon Stocks and Allocation Characteristics of *Cunnighamia lanceolata* and *Castanopsis hystrix* Plantations in Southern China ..... ZHAO Zhang, WEN Yuanguang, ZHOU Xiaoguo, et al. (120)  
Effects of Glyphosate Herbicides Application on Biomass and Carbon Stocks in *Eucalyptus* Plantations ..... WEN Yuanguang, ZUO Xiaoqing, ZHOU Xiaoguo, et al. (128)  
Species Composition and Diversity Characteristics in Evergreen and Deciduous Broad-leaved Mixed Forests of Mt. Cenwanglaoshan ..... LIANG Jiejie, ZHOU Xiaoguo, WEN Yuanguang, et al. (136)  
Analysis of Inter-species Association and Inter-species Correlation of Dominant Trees in Evergreen and Deciduous Broad-leaved Mixed Forest in Mt. Cenwanglaoshan ..... YU Ying, LUO Yinghua, LIU Zhaoyang, et al. (145)

## Ecological Research on *Pinus massoniana*

- Composition and Diversity of Woody Plants of *Pinus massoniana* Plantations under Different Climatic Conditions in Guangxi ..... QIN Jiashuang, WANG Yongqi, MA Jiangming, et al. (154)  
Biomass Model Construction and Distribution Pattern of *Pinus massoniana* Plantations under Different Climatic Conditions in Guangxi ..... QIN Jiashuang, LI Yufeng, MA Jiangming, et al. (165)

## Biotechnology

- Optimization of Enzymatic Hydrolysis for Rice Protein via Response Surface Methodology ..... HUANG Yanyan, WANG Sheng, FENG Tao, et al. (175)  
Research Progress on Industrial Preparation Technology of Tigogenin ..... WANG Jun, QIN Youkang, CAO Zhiheng, et al. (182)  
Effects of Supernatant and Secondary Condensate from Industrial Waste Water on Fuel Ethanol Fermentation ..... ZHOU Yong (188)

## Special Columns

- Study on Evolution and Quantitative Analysis of Water Landscape Patterns in Karst Region Based on Remote Sensing ..... CHEN Siyuan, CHENG Haimei, WU Shuiting (195)  
Community Structure Characteristics of Zooplankton in the Sea Area near Lanshan Port of Rizhao Port in Autumn ..... ZHANG Liang, SONG Chunli, WANG Lan, et al. (203)  
A New Optimization Model of Renewable Energy Systems under Uncertainty ..... YANG Caixia, WAN Zhong (211)