

目 次

● 研究报告

- 竹纳米纤维素膜制备、表征及其性能研究 李岷钊,朱恩清,杨静,杨海艳,王大伟,史正军(1)
- ω -氨基长叶烯的合成、表征及其抑菌活性 卢平平,黄焰群,甘月红,黄兰杰,葛海,黄道战(8)
- 活性炭电极数量对电容去离子系统脱盐性能的影响 檀畅,李蓓,呼生春,王傲,张燕萍,孙康(17)
- 大豆油基木器涂料的合成及其阻燃性能研究 张飞,马越,黄佳,胡云,刘承果,周永红(25)
- 不同种源福建柏叶精油得率及成分分析 陈美璇,黄霞,李秉钧,荣俊冬,郝郁善,陈礼光(33)
- 桃金娘果实不溶性膳食纤维理化特征及其抗糖基化性能研究 邓叶俊,黄立新,张彩虹,谢普军(43)
- 环氧化木质素增强三聚氰胺-尿素-甲醛共缩聚树脂研究 高士帅,谢宜彤,陈秀兰,王春鹏,储富祥,张代晖(51)
- 基于 I₂/KI 质量比的活性炭碘吸附值测试方法对比研究 张莉,左宋林,王子庆(57)
- 亚临界 R134a 萃取樟树叶精油的工艺优化及抑菌研究 胡珊,梁卫驱,谢佩吾,罗华建,连辉明,黄皓(65)
- 羟基氢化松香衍生物改性氟碳涂料的制备及性能研究 齐文,胡雅敬,李星纬,秦曼,陆春(74)
- 海巴戟果实多糖的结构特征及体外抗氧化活性研究 王青芬,敖新宇,宫树森,刘琅,刀梅,吴田(81)
- 三聚氰胺-尿素-乙二醛共缩聚树脂的制备、表征与性能分析 姜鑫,王德龙,汪进文,杜官本,邓书端(89)
- 二氧化硅基单宁复合材料对甲醛的吸附性能研究 赵爱晨,周辉,房梦迪,李磊,刘玉(98)
- 桐油改性胺的制备及其在环氧防腐涂料中的应用性能 姚娜,杨小华,夏建陵,李梅,张燕(107)
- 基于机器学习的生物质热解三态产物产率提升研究 易植,季玲,李明月,陈虎生,肖运昌(113)
- 浒苔抑菌成分的提取工艺优化及其活性研究 张中堂,陈天乐,柏亚莹,盘赛昆(123)

● 综述评论

- 低共熔溶剂应用于木质纤维素预处理的研究进展 赵淑衡,李卓洁,胡建军,姚森,王伟(130)

● 本刊信息

- 征稿简约(7,16) 中国科技核心期刊收录证书(32) 中国科学引文数据库(CSCD)来源期刊收录证书(64)
- 《林产化学与工业》继续被 Scopus 数据库收录(73) 征订启事(138) 《林产化学与工业》编委会名单(封三)

● 简 讯

- 中国林业科学研究院林产化学工业研究所(封二) 中国林科院林化所南京科技开发有限公司(彩广1) 南京林业大学“林产化学加工工程”国家重点学科简介(彩广2) 东北林业大学材料科学与工程学院(彩广3) 北京林业大学“林业生物质材料与能源教育部工程研究中心”简介(彩广4) 西北农林科技大学“林产化学加工工程”学科简介(彩广5) 林产化工工程湖南省重点实验室(吉首大学)(彩广6) 厦门大学能源学院(彩广7) 木本油料资源利用国家重点实验室简介(彩广8) 林产化学与工程国家民委重点实验室(广西民族大学)简介(彩广9) 中石化南京化工研究院有限公司气体净化研发中心(彩广10~11) 西南林业大学材料与化学工程学院(彩广12) 中国林科院林化所仪器分析中心(50) 松香色度标准块(88)

● 2023 年总目录 (I)

CHEMISTRY AND INDUSTRY OF FOREST PRODUCTS

Vol. 43 No. 6 (End volume)

(General serial No. 206)

Dec. 2023

CONTENTS

- Preparation, Characterization and Properties of Bamboo Nanocellulose Film
..... LI Minzhao, ZHU Enqing, YANG Jing, YANG Haiyan, WANG Dawei, SHI Zhengjun (1)
- Synthesis, Characterization and Antimicrobial Activity of ω -Aminomethyl Longifolene
..... LU Pingping, HUANG Yanqun, GAN Yuehong, HUANG Lanjie, GE Hai, HUANG Daozhan (8)
- Effect of the Number of Activated Carbon Electrodes on the Desalination Performance of Capacitive Deionization
..... TAN Chang, LI Bei, HU Shengchun, WANG Ao, ZHANG Yanping, SUN Kang (17)
- Synthesis and Properties of Soybean Oil-based Flame Retardant Wood Coatings
..... ZHANG Fei, MA Yue, HUANG Jia, HU Yun, LIU Chengguo, ZHOU Yonghong (25)
- Yield and Ingredient Analysis of Essential Oil in Different Povenances of *Fokienia hodginsii* Leaves
..... CHEN Meixuan, HUANG Xia, LI Bingjun, RONG Jundong, ZHENG Yushan, CHEN Liguang (33)
- Physicochemical Characteristics and Antiglycation Capacity of Insoluble Dietary Fiber from *Rhodomyrtus tomentosa*
Fruit DENG Yejun, HUANG Lixin, ZHANG Caihong, XIE Pujun (43)
- Investigation on the Epoxidized Lignin for Reinforcing Melamine-Urea-Formaldehyde Co-condensation Resins
..... GAO Shishuai, XIE Yitong, CHEN Xiulan, WANG Chunpeng, CHU Fuxiang, ZHANG Daihui (51)
- Comparative Study on Test Methods of Iodine Adsorption Value of Activated Carbon Based on the I₂/KI Mass
Ratio ZHANG Li, ZUO Songlin, WANG Ziqing (57)
- Processing Optimization and Bacteriostasis of *Cinnamomum camphora* Leaves Essential Oil by Subcritical R134a
Extraction HU Shan, LIANG Wei-qu, XIE Pei-wu, LUO Huajian, LIAN Huiming, HUANG Hao (65)
- Preparation and Properties of Fluorocarbon Coatings Modified by Hydroxyl Hydrogenated Rosin Derivative
..... QI Wen, HU Yajing, LI Xingwei, QIN Man, LU Chun (74)
- Structural Characteristics and Antioxidant Activity of Polysaccharide from *Morinda citrifolia* fruit *in vitro*
..... WANG Qingfen, AO Xinyu, GONG Shusen, LIU Lang, DAO Mei, WU Tian (81)
- Preparation, Characterization and Performance Analysis of Melamine-Urea-Glyoxal Co-condensed Resin
..... JIANG Xin, WANG Delong, WANG Jinwen, DU Guanben, DENG Shuduan (89)
- The Adsorption Properties of Silica-based Tannin Composites for Formaldehyde
..... ZHAO Aichen, ZHOU Hui, FANG Mengdi, LI Lei, LIU Yu (98)
- Preparation of Tung Oil-modified Amine and Its Application Performance in Epoxy Anti-corrosion Coatings
..... YAO Na, YANG Xiaohua, XIA Jianling, LI Mei, ZHANG Yan (107)
- The Yield Improvement of Three-state Products from Biomass Pyrolysis Based on Machine Learning
..... YI Zhi, JI Ling, LI Mingyue, CHEN Husheng, XIAO Yunchang (113)
- Optimization of Extraction Process and Antibacterial Activity Evaluation on the Antibacterial Active Components
from *Enteromorpha clathrata* ZHANG Zhongtang, CHEN Tianle, BAI Yaxuan, PAN Saikun (123)
- Research Progress on the Application of Deep Eutectic Solvent in Lignocellulose Pretreatment
..... ZHAO Shuheng, LI Zhuojie, HU Jianjun, YAO Sen, WANG Wei (130)