

目 次

● 专家特稿

糠酸制备生物质基 2,5-呋喃二甲酸的研究进展 常春,毋晋生,陈志勇(1)

● 研究报告

响应面优化皂角刺皂苷超声波辅助提取工艺及其降血糖活性 刘勇,张彩虹,谢普军,邓叶俊,黄立新(12)

锦绣杜鹃花色苷微胶囊的制备及其稳定性研究 张梅,张燕杰,陈为健,井华芳,姜本勇(19)

烘焙提升生物质燃料品质的研究 苏允泓,任菊荣,孙云娟,蒋剑春,许乐(27)

抗冻大豆蛋白基凝胶电解质的制备及应用 杨福生,王定坤,王发鹏,刘美红,南静娅,王春鹏(36)

乙酸对撑篙竹乙醇法制浆及浆料性能的影响 白红爽,平清伟,盛雪茹,张健,李娜,石海强(43)

松香/生物基丙烯酸酯压敏胶的制备与性能研究 祁思迈,罗通,刘美红,王春鹏,储富祥,王基夫(49)

氮磷掺杂生物质介孔炭的合成及其电化学性能 张博,李想,刘伟,李晓丽(56)

芳烃类氢载体催化转化制氢的研究 陈文轩,李学琴,刘鹏,雷廷宙,李艳玲,吴幼青(63)

基于动态酯键的盖烷二胺基 Vitriimer 的制备及其性能研究 代松林,徐亚洲,张海波,赵振东,王婧,陈玉湘(73)

糠醛渣分级转化制备分散剂和吸水性树脂 桂港,王小茹,张璐,杜朝军,陈玮,常春(80)

HPLC-DAD 法分析不同月份和干燥方式下银杏叶色素含量的变化规律
..... 沈红,张昌伟,陈虹霞,袁花,蒋建新,王成章(89)

超声波辅助类芬顿预处理增强桉木酶解效果 陈梦婕,王志男,王淑捷,黄颖诗,侯贤锋,高振忠(98)

钩吻解剖结构及钩吻生物碱抑菌作用研究(英文) 赵猛,路美玲,赵雅婷,王云霞,薛琼琼,王雪琴(105)

多孔石墨相氮化碳的制备及其可见光催化木质素转化研究 任春雨,林洋宇,王倬敏,刘鹤(116)

竹浆纤维水热炭微球结构可控制备研究 文世涛,代琳心,王智辉,李振瑞,王佳军,刘杏娥(127)

三元低共熔溶剂预处理甘蔗渣的酶解性能研究 陶顺辉,张可炫,李碧莹,郑晓洁,刘耀,林晓清(135)

两性纤维素基吸附剂的制备及其对水体中氮磷污染物的去除 孙英南,刘苏珍,李海明,周景蓬,张凤山,郭廷柱(143)

● 综述评论

野鸦椿属植物的化学成分及药理作用研究进展 汤良杰,罗伟,陈胡兰(153)

● 本刊信息

《林产化学与工业》继续被 Scopus 数据库收录(35) EBSCO 收录证书(55) 征稿简约(104,126) 《林产化学与工业》入编《中文核心期刊要目总览》(2020 年版)(134) WJCI 收录证书(152) 《林产化学与工业》第八届编委会名单(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) 松香色度标准块(26) 中国林科院林化所仪器分析中心(62)

CHEMISTRY AND INDUSTRY OF FOREST PRODUCTS

Vol. 43 No. 2

(General serial No. 202)

Apr. 2023

CONTENTS

- Research Progress in Preparation of Biomass Based 2,5-Furan Dicarboxylic Acid from Furoic Acid
..... CHANG Chun, WU Jinsheng, CHEN Zhiyong(1)
- Optimization of Ultrasonic-assisted Extraction Technology of Saponins from *Gleditsia sinensis* Thorn by RSM and
Its Hypoglycemic Activity LIU Yong, ZHANG Caihong, XIE Pujun, DENG Yejun, HUANG Lixin(12)
- Preparation of *Rhododendron × pulchrum* Sweet Flowers Anthocyanins Microcapsule and Its Stability
..... ZHANG Mei, ZHANG Yanjie, CHEN Weijian, JING Huafang, LOU Benyong(19)
- Improving the Quality of Biofuel by Torrefaction SU Yunhong, REN Jurong, SUN Yunjuan, JIANG Jianchun, XU Le(27)
- Preparation of Antifreezing Soybean Protein-based Gel Electrolytes and Application in Electrochemical Capacitors
..... YANG Fusheng, WANG Dingkun, WANG Fapeng, LIU Meihong, NAN Jingya, WANG Chunpeng(36)
- Effect of Acetic Acid on Ethanol Pulping and Pulp Properties of *Bambusa pervariabilis*
..... BAI Hongshuang, PING Qingwei, SHENG Xueru, ZHANG Jian, LI Na, SHI Haiqiang(43)
- Preparation and Properties of Pressure Sensitive Adhesives Derived from Rosin Bio-based Acrylate
..... QI Simai, LUO Tong, LIU Meihong, WANG Chunpeng, CHU Fuxiang, WANG Jifu(49)
- Synthesis and Electrochemical Properties of Biomass Mesoporous Carbon Doped with Nitrogen and Phosphorus
..... ZHANG Bo, LI Xiang, LIU Wei, LI Xiaoli(56)
- Catalytic Conversion of Aromatic Hydrocarbon-based Hydrogen Carriers to Produce Hydrogen
..... CHEN Wenxuan, LI Xueqin, LIU Peng, LEI Tingzhou, LI Yanling, WU Youqing(63)
- Preparation and Properties of Menthane Diamine Vitriimer Based on Dynamic Ester Bonds
..... DAI Songlin, XU Yazhou, ZHANG Haibo, ZHAO Zhendong, WANG Jing, CHEN Yuxiang(73)
- Preparation of Dispersant and Water Absorption Resin by Staged Conversion from Furfural Residue
..... GUI Gang, WANG Xiaoru, ZHANG Lu, DU Chaojun, CHEN Wei, CHANG Chun(80)
- Change Law of Pigments Content of *Ginkgo biloba* Leaves in the Different Months and Dry Modes Analyzed by
HPLC-DAD Method SHEN Hong, ZHANG Changwei, CHEN Hongxia, YUAN Hua, JIANG Jianxin, WANG Chengzhang(89)
- Ultrasound-assisted Fenton-like Pretreatment of Eucalyptus for Enhancing Enzymolysis
..... CHEN Mengjie, WANG Zhinan, WANG Shujie, HUANG Yingshi, HOU Xianfeng, GAO Zhenzhong(98)
- Anatomical Structure of *Gelsemium elegans* Benth and the Antibacterial Action of Alkaloids
..... ZHAO Meng, LU Meiling, ZHAO Yating, WANG Yunxia, XUE Qionqiong, WANG Xueqin(105)
- Preparation of Porous Graphite Carbon Nitride and Its Visible Light Catalytic Conversion of Lignin
..... REN Chunyu, LIN Xiangyu, WANG Zhuomin, LIU He(116)
- Preparation of Bamboo Pulp Fiber Hydrothermal Carbon Microspheres with Controllable Structure
..... WEN Shitao, DAI Linxin, WANG Zhihui, LI Zhenrui, WANG Jiajun, LIU Xing'er(127)
- Enzymatic Digestibility of Ternary Deep Eutectic Solvent Pretreated Sugarcane Bagasse
..... TAO Shunhui, ZHANG Kexuan, LI Biying, ZHENG Xiaojie, LIU Yao, LIN Xiaoqing(135)
- Preparation of Amphoteric Cellulose Based Adsorbent and Its Removal of Nitrogen and Phosphorus
Pollutants from Wastewater SUN Yingnan, LIU Suzhen, LI Haiming, ZHOU Jingpeng, ZHANG Fengshan, GUO Yanzhu(143)
- Research Progress of Chemical Constituents and Pharmacological Effects of *Euscaphis* Plants
..... TANG Liangjie, LUO Wei, CHEN Hulan(153)