

化学工程师

CHEMICAL ENGINEER

2021

6



主办单位：黑龙江省化工研究院
国内刊号：CN 23-1171/TQ
国际刊号：ISSN 1002-1124

ISSN 1002-1124



9 771002 112213

- “中国科技论文统计源期刊”（中国科技核心期刊）
- 中国知网系列数据库、万方数据库、维普中文科技期刊数据库
- 《中国核心期刊遴选数据库》全文收录期刊
- 《中国学术期刊（光盘版）》全文收录期刊
- 《中国期刊全文数据库》全文收录期刊
- 美国《化学文摘》（CA）千刊表收录期刊
- 国家图书馆馆藏
- 《中国科学引文数据库》来源期刊
- 全国石油和化工行业优秀期刊

第 35 卷 总第 309 期 2021 年第 6 期 月刊 Vol.35 Sum No.309

万方数据

科研与开发

二氧化锰/银复合材料的制备及其电解水析氧性能的研究*

..... 张红玲,田欢庆,王娟,张鑫,管灵兴(01)

1-十二烷基-3-甲基咪唑芳磺酸盐的微波辅助合成及表征*

..... 王辉,龙彪,马钰,李柏林,牛瑞霞(06)

3-硝基吡咯烷-1-羧酸叔丁基酯的合成* 王晓霞,徐小娜(09)

具有N梯度浓度的碳自掺杂氮化碳薄膜的性能研究* 沈洪雪,金克武,姚婷婷,王天齐(12)

分析测试

简便紫外光谱法快速测定阿司匹林中游离水杨酸含量*

..... 郭新颖,陈峰,叶青华,杨清华,顾俊(15)

高频红外碳硫仪批量测定土壤中的有机碳含量 杨旭龙(18)

核磁共振定量技术测定原薯蓣皂苷对照品的含量 韩君,林帅(21)

基于气相色谱的饮用水中挥发性有机物测定方法 王文(24)

洛克林溶液的组分与性能研究 林竹,熊俊军(29)

环境工程

脱色希瓦氏菌 S12 对十溴联苯醚的利用及其降解特性研究*

..... 江利梅,聂丽君,牛显春,刘正辉,毛玉凤,向音波(32)

叔胺-CO₂对水中氯离子萃取过程研究* 高美娟,赵晓玲,李艳(37)

油田化学

高压注水井解堵体系研制及实验分析* 郭奎,李燕承,魏飞,董小刚(42)

深部调驱用聚合物微球的水化性能及物理模拟研究*

..... 黎慧,鞠野,代磊阳,王楠,刘丰钢,苟瑞(46)

综述

新型复合建筑材料 SiO₂ 气凝胶在土木工程应用探析* 张莉,刘洁玲(52)

Koenigs-Knorr 糖基化反应的研究进展 田思思(56)

大庆油田化学驱提高采收率研究进展 王成旗,李一慧,张金山,刘庆(61)

蜡化学改性的技术研究及应用 金梦,黄浩,邵光涛,刘素丽(65)

深部调剖剂的调剖机理与矿场应用效果研究 何子昂(69)

工程师园地

基于不同表面活性剂的洗油效率研究* 曹广胜,李丹,陈小璐,王鑫,张紫航(73)

水下分流河道砂体连通性的定量分析方法* 于喜艳,肖丽华,李帆,宋鑫,吕鹏(77)

农林废弃物花生壳中总黄酮乙醇浸提工艺优化研究*

..... 刘晓霞,赵业军,杨洁,余渤,程时劲(82)

还原气氛及温度对 Ni₂P 催化剂加氢脱硫性能的影响 张代波(85)

新型偕胺肟基修饰杯[8]芳烃材料的制备及其吸附性能研究

..... 明强,孟德芹,毛宽振,李春艳,于莉莉(88)

CHEMICAL ENGINEER

Monthly 6/2021(SUM No.309)

SCIENTIFIC RESEARCH AND DEVELOPMENT

- Synthesis and electrocatalytic performance of MnO₂/Ag composites
for oxygen evolution reaction* ZHANG Hong-ling, TIAN Huan-qing, WANG Juan, ZHANG Xin, ZAN Ling-xing(01)
- Microwave-assisted synthesis and characterization
of 1-alkyl-3-methylimidazole-aromatic sulfonate* WANG Hui, LONG Biao, MA Yu, LI Bai-lin, NIU Rui-xia(06)
- Synthesis of 3-nitropyrrolidin-1-carboxylate tert-butyl ester* WANG Xiao-xia, XU Xiao-na(09)
- Study on the properties of carbon self-doped carbon nitride thin films
with N gradient concentration* SHEN Hong-xue, JIN Ke-wu, YAO Ting-ting, WANG Tian-qi(12)

ANALYSIS AND DETERMINATION

- Rapid determination of free salicylic acid in aspirin by simple ultraviolet spectroscopy*
..... GUO Xin-ying, CHEN Feng, YE Qing-hua, YANG Qing-hua, GU Jun(15)
- Batch determination of organic carbon content in soil by high frequency infrared carbon-sulfur analyzer
..... YANG Xu-long(18)
- Determination of content of protodioscin reference substance by NMR quantitative technique
..... HAN Jun, LIN Shuai(21)
- Determination of volatile organic compounds in drinking water based on gas chromatography WANG Wen(24)
- Study on performance and composition of Lokprep LIN Zhu, XIONG Jun-jun(29)

ENVIRONMENTAL ENGINEERING

- Utilization and degradation characteristics of decabromodiphenyl ether by shewanella decolorationis S12*
..... JIANG Li-mei, NIE Li-jun, NIU Xian-chun, LIU Zheng-hui, MAO Yu-feng, XIANG Yin-bo(32)
- Study on extraction of chloride ion from water by tertiary amine-CO₂* GAO Mei-juan, ZHAO Xiao-ling, LI Yan(37)

OILFIELD CHEMISTRY

- Development and experimental analysis of plugging removal system
for high pressure water injection wells* GUO Kui, LI Yan-cheng, WEI Fei, DONG Xiao-gang(42)
- Research on hydration performance and physical simulation of polymer microspheres
for deep profile control* LI Hui, JU Ye, DAI Lei-yang, WANG Nan, LIU Feng-gang, GOU Rui(46)

SUMMARY

- Application of new composite building material SiO₂ aerogel in civil engineering* ZHANG Li, LIU Jie-ling(52)
- Research progress of Koenigs-Knorr glycosylation TIAN Si-si(56)
- Development of enhanced oil recovery by chemical flooding in Daqing Oilfield
..... WANG Cheng-qi, LI Yi-hui, ZHANG Jin-shan, LIU Qing(61)
- Research and application of chemical modification technology of wax
..... JIN Meng, HUANG Hao, SHAO Guang-tao, LIU Su-li(65)
- Research on the deep profile control agent's profile control mechanism and oilfield application HE Zi-ang(69)

ENGINEER FIELD

- Study on oil washing efficiency based on different surfactants*
..... CAO Guang-sheng, LI Dan, CHEN Xiao-lu, WANG Xin, ZHANG Zi-hang(73)
- Quantitative analysis method for sand body connectivity of sub-sea distributary channel*
..... YU Xi-yan, XIAO Li-hua, LI Fan, SONG Xin, LV Peng(77)
- Optimization of ethanol extraction process of total flavonoids from peanut shell*
..... LIU Xiao-xia, ZHAO Ye-jun, YANG Jie, YU Bo, CHENG Shi-jing(82)
- Effect of reducing atmosphere and temperature on hydrodesulfurization performance of Ni₂P catalyst
..... ZHANG Dai-bo(85)
- Preparation and adsorption properties of novel amidoxime modified calix[8] arene materials
..... MING Qiang, MENG De-qin, MAO Kuan-zhen, LI Chun-yan, YU Li-li(88)
-