

中国学术期刊综合评价数据库统计源期刊
中国期刊全文数据库及中国核心期刊(遴选)数据库全文收录期刊

ISSN 1007-7677
CN 11-3862/TD



煤质技术

COAL QUALITY TECHNOLOGY

煤制烯烃项目环境经济损益评价
我国煤粉工业锅炉技术及应用推广现状分析
不同煤基沥青芳烃分子结构对生成中间相炭微球的影响
煤层气变压吸附脱二氧化碳的实验研究
基于煤粉预燃的深度空气分级低氮燃烧技术研究
臭氧氧化半干法燃煤脱硝关键技术及技术经济分析

4

2020

第35卷 第4期
2020年7月出版

ISSN 1007-7677



万方数据

主管 国家煤矿安全监察局
主办 煤炭科学研究总院

煤 质 技 术

第 35 卷 第 4 期 2020 年 7 月

目 次

| | |
|---|--------------------|
| 煤制烯烃项目环境经济损益评价 | 付楚芮, 李振涛 (1) |
| 我国煤粉工业锅炉技术及应用推广现状分析 | 牛 芳 (6) |
| 不同煤基沥青芳烃分子结构对生成中间相炭微球的影响 | 吴 艳 (13) |
| 煤层气变压吸附脱二氧化碳的实验研究 | 郭昊乾, 李小亮, 李雪飞 (20) |
| 基于煤粉预燃的深度空气分级低氮燃烧技术研究 | 张 鑫 (25) |
| 臭氧氧化半干法燃煤脱硝关键技术及技术经济分析 | 李 婷 (32) |
| CO ₂ /CH ₄ 分离用碳质吸附剂研究进展 | 梁江朋 (37) |
| 低阶煤在炼焦配煤中的应用研究 | 王春晶 (42) |
| 溶剂供氢性对艾丁低阶煤直接液化低级酚生成的影响研究 | 马博文 (48) |
| 水煤浆提浓技术及其工业应用 | 苏 鑫 (52) |
| 燃煤与燃气热源技术在热电联产项目中比选应用 | 董 智 (58) |
| 四次风系统在 58 MW 煤粉工业锅炉中的应用 | 陈 喆 (65) |
| 我国气化用煤工艺指标检测方法解析 | 隋 艳 (71) |
| 关于《燃煤助燃剂助燃效果评价方法》国标修订建议 | 蔡志丹, 安 莉 (76) |
| 低温风透干燥技术在煤样制备中的应用研究 | 张仲焘, 龚伟业, 谭 为 (81) |
| 煤炭检验检测机构质量控制存在问题及改进方法 | 吕嘉栋, 黄 龙 (88) |

COAL QUALITY TECHNOLOGY

Vol. 35 No. 4 July 2020

CONTENTS

- Evaluation of environmental economic profit and loss of coal-to-olefin project *FU Churui, LI Zhentao* (1)
- Current status and development trend of pulverized coal industrial boiler in China *NIU Fang* (6)
- Effect of molecular structure of different coal-based asphalt aromatic hydrocarbons on MCMB generation
..... *WU Yan* (13)
- Experimental study on desorption of carbon dioxide by pressure swing adsorption of coalbed methane
..... *GUO Haoqian, LI Xiaoliang, LI Xuefei* (20)
- Research on deep air staged low nitrogen combustion technology based on pulverized coal pre-combustion
..... *ZHANG Xin* (25)
- Key technology and technical economic analysis of ozonation denitrification method for coal-fired industrial
application *LI Ting* (32)
- Research progress of carbonaceous adsorbents for separation of CO₂/CH₄ *LIANG Jiangpeng* (37)
- Research on application of low rank coal in coking coal blending *WANG Chunjing* (42)
- Study on the effect of solvent hydrogen supply on the lower phenol formation from the Aiding low rank
coal direct liquefaction *MA Bowen* (48)
- Concentration technology of coal water slurry and its industrial application *SU Xin* (52)
- Analysis and selection between coal-fired heat source technology and gas heat source technology in
cogeneration projects *DONG Zhi* (58)
- Application of quaternary air system in 58 MW pulverized coal industrial boiler *CHEN Zhe* (65)
- Analysis of detection methods for process indexes of gasification coal in China *SUI Yan* (71)
- Suggestions on national standard revision of "Performance evaluation of coal combustion-aid additives for coal"
..... *CAI Zhidan, AN Li* (76)
- Study on low temperature air permeability drying technology for coal sample preparation
..... *ZHANG Zhongtao, GONG Weiye, TAN Wei* (81)
- Existing problems and improving methods for quality control of coal inspection and testing institute
..... *LV Jiadong, HUANG Long* (88)