



中文核心期刊

中国科技核心期刊

RCCSE 中国核心学术期刊

ISSN 1003-496X

CN 21-1232/TD

煤矿安全

# 煤矿安全<sup>®</sup>

## Safety in Coal Mines

霄云井田奥陶系灰岩岩溶发育规律研究  
 联排反底拱-底板桩底鼓控制技术数值分析  
 赤峪矿深部底抽巷钢管混凝土柱底鼓治理研究  
 清洁压裂液携带作用下支撑剂运移铺置规律研究

第五十三卷  
第十二期  
卷终

二〇二二年十二月



# 12 2022

第53卷 第12期 卷终  
2022年12月出版

ISSN 1003-496X



9 771003 496220

煤科集团沈阳研究院有限公司 主管 煤科集团沈阳研究院有限公司 主办

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