

矿业科学学报

2024年4月 第9卷第2期

目次

阻燃输送带火灾早期温度变化与烟气成分研究 段佳磊,梁运涛,贾宝山,孙勇,王睿德,罗奕杭,崔鑫峰	(135)
添加二氧化硅的煤石墨化高温高压模拟实验 陈高健,曹代勇,王安民,魏迎春,刘志飞,赵萌	(144)
深部煤层地下气化选址研究——以东胜气田 J148 地区为例 王锦昌,刘刚,张辉,翁新龙,马超,张茹	(156)
煤炭地下气化渗透反应墙构建材料的吸附和渗流特性研究 ... 王凡,徐冰,谌伦建,邢宝林,苏发强	(167)
海水腐蚀对砂岩物理力学特性与微观结构破坏特征的影响研究 周韬,陈昌鹏,张旸旸,殷雪菡,陈家嵘	(178)
温度和骨料预湿对煤矸石砂浆流变性的影响 王振波,范雨润,左建平	(190)
冻融循环下砂岩的动态劈裂特性与应变演变机理 杨国梁,尚卓,邹泽华,毕京九,董智文	(199)
微波热力冲击下硬脆砂岩冲击倾向性演化规律试验研究 滕腾,贾文建,易鹏,赵毅鑫,朱笑颜,徐铨	(209)
风积沙充填开采应用现状及材料性能研究 王树帅,岳中文,康一强,罗磊	(217)
基于优化领先狼群算法的微震源定位研究 李晓燕,张明伟,宋雷,庞迎春,张结如	(233)
基于统计学模型的矿区粉尘污染特征及影响因素的定量分析 赵洪宝,翟汝鹏,戈海宾,陈超男,刘绍强,荆士杰	(243)
胀锁型锚索双向加固窄煤柱试验研究与工程应用 王军,吕顺章,杨光,王波,谷长宛,王港	(258)
毛坪铅锌矿采场热环境影响因素研究 康建宏,田佳阔,吴云韬,崔数文,李晴,宋小林	(270)
含细颗粒悬浮物矿井水的混凝沉淀参数优化 侯嫫,秦浩铭,刘昊,徐东莹,贾舒涵,张周爱,王建兵	(278)
二氧化铅电极改性及电催化降解焦化废水中蒽 章丽萍,袁合霞,安逸云,王晶,段梦楠,雷文波,王丽芳	(286)
采场全生命周期的矿压危害事件知识图谱表示方法研究 侯运炳,陈袖龙,王雅先,孙振明,任洁,王乐耕,马晶,杜建标	(295)
基于区块链技术的智慧矿山数据信任模型及技术架构研究 范中启,戴琳	(304)

(本期执行编辑:陈骏)

Contents

Temperature variation and smoke composition of flame-retardant conveyor belt in the early stage of friction accident	
..... DUAN Jialei, LIANG Yuntao, JIA Baoshan, SUN Yong, WANG Ruide, LUO Yihang, CUI Xinfeng	(135)
High-temperature and high-pressure simulation of coal graphitization with SiO ₂ additive	
..... CHEN Gaojian, CAO Daiyong, WANG Anmin, WEI Yingchun, LIU Zhifei, ZHAO Meng	(144)
Study on site selection of underground gasification in deep coal seam; a case study of J148 area in Dongsheng Gas Field	
..... WANG Jinchang, LIU Gang, ZHANG Hui, WENG Xinlong, MA Chao, ZHANG Ru	(156)
Adsorption and seepage properties of permeable reaction barrier construction materials for underground coal gasification	
..... WANG Fan, XU Bing, CHEN Lunjian, XING Baolin, SU Faqiang	(167)
Experimental study on the influence of seawater corrosion on the physical and mechanical properties and microstructural failure behavior of sandstone	
..... ZHOU Tao, CHEN Changpeng, ZHANG Yangyang, YIN Xuehan, CHEN Jiarong	(178)
The impact of temperature and pre-wetting of aggregates on rheological properties of coal gangue mortars	
..... WANG Zhenbo, FAN Yurun, ZUO Jianping	(190)
Study on dynamic splitting and evolution mechanism of sandstone under freeze-thaw cycle	
..... YANG Guoliang, SHANG Zhuo, ZOU Zehua, BI Jingjiu, DONG Zhiwen	(199)
Experimental study on the evolution patterns of bursting liability of hard and brittle sandstone under microwave thermal shock	
..... TENG Teng, JIA Wenjian, YI Peng, ZHAO Yixin, ZHU Xiaoyan, XU Duo	(209)
Research on the application status and material properties of aeolian sand filling mining	
..... WANG Shushuai, YUE Zhongwen, KANG Yiqiang, LUO Lei	(217)
Research on microseismic source localization based on optimized leading wolfpack algorithm	
..... LI Xiaoyan, ZHANG Mingwei, SONG Lei, PANG Yingchun, ZHANG Jieru	(233)
Quantitative analysis of dust pollution characteristics and influencing factors in mining areas based on statistical modelling	
..... ZHAO Hongbao, ZHAI Rupeng, GE Haibin, CHEN Chaonan, LIU Shaoqiang, JING Shijie	(243)
Bidirectional reinforcement of narrow pillar with inflatable lock-type anchor experimental investigation and its application	
..... WANG Jun, LÜ Shunzhang, YANG Guang, WANG Bo, GU Changwan, WANG Gang	(258)
Study on influencing factors of stope thermal environment in Maoping Lead Zinc Mine	
..... KANG Jianhong, TIAN Jiakuo, WU Yuntao, CUI Shuwen, LI Qing, SONG Xiaolin	(270)
Parameter optimization of coagulation and sedimentation for fine suspended solids removal from mine water	
..... HOU Pin, QIN Haoming, LIU Hao, XU Dongying, JIA Shuhan, ZHANG Zhouai, WANG Jianbing	(278)
Modification of lead dioxide electrode and electrocatalytic degradation of anthracene in coking wastewater	
..... ZHANG Liping, YUAN Hexia, AN Yiyun, WANG Jing, DUAN Mengnan, LEI Wenbo, WANG Lifang	(286)
Research on knowledge graph representation method of mine pressure hazard events in stope whole life cycle	
..... HOU Yunbing, CHEN Youlong, WANG Yaxian, SUN Zhenming, REN Jie, WANG Legeng, MA Jing, DU Jianbiao	(295)
Research on data trust model and technical architecture of intelligent mines based on blockchain technology	
..... FAN Zhongqi, DAI Lin	(304)