

煤田地质与勘探

MEITIAN DIZHI YU KANTAN

2022年第4期

(月刊 1973年创刊)

第52卷 总292期

目 次

·废弃矿井资源评价与开发·

- 废弃矿区旅游资源评价研究现状与展望 汪秋菊, 王 玥, 马钰莹, 张 波(1)
煤炭资源型城市关闭煤矿产业绿色转型路径研究 张丽峰, 汪秋菊(9)
产权政策视角下废弃矿井采矿用地再开发模式研究 邓元媛, 常 江, 冯姗姗, 周 雪(17)
潘安湖区域发展演变特征及驱动因素研究 常 江, 陈业东, 李梓萱, 王 惠, 冯姗姗(25)
废弃矿井遗留煤层气资源次生富集成藏研究现状及展望 王家琛, 杨兆彪, 秦 勇, 杨彦群, 董志勇, 孟祥昊(35)
废弃煤矿瓦斯资源估算与评价方法构建及应用 刘小磊, 闫江伟, 刘 操, 贾天让, 冯阵东, 魏建平, 魏国营(45)

·煤炭地质·

- 滇东威信地区龙潭组致密砂岩矿物组成特征及其油气地质意义 邢慧通, 张晓丽, 何金先, 曹文杰, 杨甜甜, 王 健, 师 帅(52)
正断层上盘煤与瓦斯突出特征与地应力场控制机理 曹运兴, 张海洋, 张 震, 刘高峰(61)
西山煤田岩矿标本精细化三维建模及其虚拟仿真平台建设 张琼月, 陈黎明, 赵金贵, 王建民(70)
淮南采煤沉陷区表层沉积物稀土元素地球化学特征 钱英华, 郑刘根, 陈园平, 姜春露, 陈 星, 陈永春(77)
复杂管网中瓦斯爆炸冲击波与火焰波传播实验研究 贾进章, 王东明, 牛 鑫, 李 斌, 朱金超, 王枫潇(84)
基于智能岩性识别的爆破岩体三维实体模型建立 陈应显, 王鹏飞(92)

·生态环境 水文地质 工程地质·

- “煤—水—环”绿色协调发展评价指标体系构建与应用——以寺河井田为例 王庆伟, 郭 彪, 宋 梅, 闫 强(98)
基于 GRACE 的黄河流域陆地水储量时空变化研究 杨 飞, 张成业, 李 军, 宋子恒, 郭添玉(106)
青海木里煤田聚乎更矿区土壤肥力及重金属风险评价 王 佟, 章 梅, 徐 辉, 张谷春, 王彦君, 方惠明, 李 媛(113)
木里地区永久冻土层的形成及对天然气水合物的成藏影响 王莉平, 朱英豪, 李 宁, 徐拴海, 田延哲, 刘乃飞, 王文丽(121)
煤矿防治水4种基础台账建立与数据应用 吕玉广, 李明振, 胡发仓, 刘 爽(130)
我国建(构)筑物场地下伏煤矿采空区勘察技术进展 刘小平(139)

·钻掘工程·

- 煤矿井下大盘区瓦斯抽采定向钻进技术与装备 许 超, 姜 磊, 陈 盼, 张 迪(147)
随钻测量自保护密封原理及影响因素分析 王耀民, 叶根飞, 赵永哲, 高 科, 刘卫卫, 段会军(153)

期刊基本参数: CN 61-1155/P*1973*m*A4*158*zh*P* ¥ 40.00*1500*20*2022-04 本期执行编辑: 聂爱兰

2022年4月25日出版

公开发行

邮发代号: 52-14

国内定价: 40.00 元

CONTENTS

Present situation and prospects of tourism resource evaluation in abandoned mining areas	WANG Qiuju, WANG Yue, MA Yuying, ZHANG Bo(1)
Green transformation paths of closed coalmine industry in coal resources cities	ZHANG Lifeng, WANG Qiuju(9)
Research on redevelopment model of abandoned mining land from the perspective of property right policy	DENG Yuanyuan, CHANG Jiang, FENG Shanshan, ZHOU Xue(17)
The characteristics and dynamic mechanism of regional development and evolution of Pan'an Lake	CHANG Jiang, CHEN Yedong, LI Zixuan, WANG Hui, FENG Shanshan(25)
Research status and prospects of secondary enrichment and accumulation of residual coalbed methane resources in abandoned mines	WANG Jiachen, YANG Zhaobiao, QIN Yong, YANG Yanqun, DONG Zhiyong, MENG Xianghao(35)
Construction and application of gas resource estimation and evaluation method in abandoned coal mines	LIU Xiaolei, YAN Jiangwei, LIU Cao, JIA Tianrang, FENG Zhendong, WEI Jianping, WEI Guoying(45)
Mineral composition characteristics and petroleum geological significance of tight sandstone of Longtan Formation in Weixin area, eastern Yunnan	XING Huitong, ZHANG Xiaoli, HE Jinxian, CAO Wenjie, YANG Tiantian, WANG Jian, SHI Shuai(52)
Characteristics of coal and gas outburst and controlling mechanism of stress field in the hanging wall of normal faults	CAO Yunxing, ZHANG Haiyang, ZHANG Zhen, LIU Gaofeng(61)
Refined 3D modeling of rock and mine specimens in Xishan Coalfield and its virtual simulation platform construction	ZHANG Qiongyue, CHEN Liming, ZHAO Jingui, WANG Jianmin(70)
Geochemical characteristics of rare earth elements in surface sediments from Huainan coal mining subsidence area, Anhui Province, China	QIAN Yinghua, ZHENG Liugen, CHEN Yuanping, JIANG Chunlu, CHEN Xing, CHEN Yongchun(77)
Propagation characteristics of flame wave and shock wave during the gas explosion in complex pipeline network	JIA Jinzhang, WANG Dongming, NIU Xin, LI Bin, ZHU Jinchao, WANG Fengxiao(84)
Establishment of a 3D solid model blasting rock mass based on intelligent lithology identification	CHEN Yingxian, WANG Pengfei(92)
Construction and application of "coal-water-environment" coordinated development evaluation index system: A case study of Sihe Minefield	WANG Qingwei, GUO Biao, SONG Mei, YAN Qiang(98)
Temporal and spatial changes of terrestrial water storage in Yellow River Basin based on GRACE	YANG Fei, ZHANG Chengye, LI Jun, SONG Ziheng, GUO Tianyu(106)
Soil fertility and heavy metal risk assessment in Jvhugeng mining area, Muli Coalfield, Qinghai Province	WANG Tong, ZHANG Mei, XU Hui, ZHANG Guchun, WANG Yanjun, FANG Huiming, LI Yuan(113)
Formation of permafrost and its influence on natural gas hydrate accumulation in Muli Region, Qinghai Province	WANG Liping, ZHU Yinghao, LI Ning, XU Shuanhai, TIAN Yanzhe, LIU Naifei, WANG Wenli(121)
Establishment and application of four basic data accounts for coal mine water control	LYU Yuguang, LI Mingzhen, HU Falun, LIU Shuang(130)
Progress in investigation technology for coal mine goafs under buildings and structures in China	LIU Xiaoping(139)
Directional drilling technology and equipment for gas drainage in large panel of underground coal mines	XU Chao, JIANG Lei, CHEN Pan, ZHANG Di(147)
Principle of a self-protective sealing device for MWD and its influencing factors	WANG Yaoming, YE Genfei, ZHAO Yongzhe, GAO Ke, LIU Weiwei, DUAN Huijun(153)