

■ 中国科技核心期刊

ISSN 1674-1803
CN 10-1364/TD

中国煤炭地质

COAL GEOLOGY OF CHINA

国务院国有资产监督管理委员会 主管

中国煤炭地质总局 主办

中国煤炭地质

二〇二一年

第三十三卷

第十二期

(总第二七六期)



12

2021

第33卷 第12期

目 次

· 煤田地质 ·

- 河东煤田煤中金属富集规律及成因机制…… 黄少青, 刘亢, 宁树正, 郭爱军, 孙杰, 龚汉宏 (1)
大南湖矿区煤岩煤质特征及清洁利用方向探讨…… 何建国, 秦云虎, 马荣, 朱士飞 (6)

· 非常规能源地质 ·

- 煤层气干扰试井测试在保德区块产能分析中的应用研究…… 王卫东 (11)
美国 Eagle Ford 页岩油气产量递减规律新认识…… 徐兵祥, 白玉湖, 陈岭, 李彦尊, 董志强 (15)
南华北盆地亳州凸起寒武系划分及储层物性分析…… 姬玉平, 魏思宇, 韩龙恺, 齐治虎 (20)

· 水文地质 ·

- 分布式计算在闭坑矿井汇水过程的应用…… 杨岗 (26)
渭河盆地西部地热水水化学特征分析…… 宋一民, 申小龙, 王伟, 刘军 (31)
矿井水深部回灌运移机理及扩散规律研究……
刘毅涛, 王国文, 龙陆军, 赵岳, 赵明, 薛美平 (36)

· 工程地质 ·

- 基于数值模拟的煤矿井下分段水力压裂技术研究…… 孙昊达, 唐胜利, 王毅 (42)
综合勘查技术方法在苦咸水地区的应用…… 武军锋, 王航洲 (46)
覆岩离层注浆工程有关技术问题探讨——以夏店煤矿为例…… 牟兆刚 (50)
地下工程顺逆作法施工临时支护及模型分析…… 陈向红 (56)
隧道点云中轴线提取方法及工程应用…… 张健珲, 宋袁龙 (61)

· 环境地质 ·

- 煤矿区土地综合整治技术研究——以蔚县为例…… 赵振国, 曾繁富, 宋洪柱, 齐荣贵 (65)
祁连山木里矿区冻土资源分布特征及其环境效应……
梁振新, 刘世明, 王伟超, 王佟, 杨成, 张占玉, 肖龙 (70)
综合勘查技术方法在喀斯特地区煤矿酸性矿井水污染勘查的应用——以贵州省凯里市鱼洞河流域龙洞泉
水污染勘查为例…… 李曦滨 (76)
粉煤灰提取氧化铝研究进展…… 朱士飞, 吴蒙, 张谷春, 柯妍 (83)

CONTENTS

COAL GEOLOGY

- Coal Metals Enrichment Pattern and Genetic Mechanism in Hedong Coalfield
..... Huang Shaoqing, Liu Kang, Ning Shuzheng, Guo Aijun, Sun Jie and Gong Hanhong (1)
Discussion on Coal Petrologic and Quality Features as well as Clean Utilization Way in Da'nanhu Mining Area
..... He Jianguo, Qin Yunhu, Ma Rong and Zhu Shifei (6)

UNCONVENTIONAL RESOURCE GEOLOGY

- Applied Research of CBM Interference Well Test for Capacity Analysis in Baode Block Wang Weidong (11)
New Cognition on Shale Oil and Gas Output Successive Decline Pattern in Eagle Ford, US
..... Xu Bingxiang, Bai Yuhu, Chen Ling, Li Yanzun and Dong Zhiqiang (15)
Cambrian System Partitioning and Reservoir Physical Property Analysis in Bozhou Doming, Southern North China Basin Ji Yuping, Wei Siyu, Han Longkai and Qi Zhihu (20)

HYDROGEOLOGY

- Application of Distributed Computation in Closed Mine Water Confluence Process Yang Gang (26)
Geothermal Water Hydrochemical Features Analysis in Western Part of Weihe Basin
..... Song Yimin, Shen Xiaolong, Wang Wei and Liu Jun (31)
Study on Migration Mechanism and Diffusion Pattern in Mine Water Deep Infusion
..... Liu Yitao, Wang Guowen, Long Lujun, Zhao Yue, Zhao Ming and Xue Meiping (36)

ENGINEERING GEOLOGY

- Study on Coalmine Underground Staged Hydraulic Fracturing Technology Based on Numerical Simulation
..... Sun Haoda, Tang Shengli and Wang Yi (42)
Application of Integrated Exploration Technology in Bitter Brackish Water Areas
..... Wu Junfeng and Wang Hangzhou (46)
Probe into Overburden Abscission Layer Grouting Engineering Related Technical Issues—A Case Study of Xiadian Coalmine Mu Zhaogang (50)
Temporary Support and Model Analysis in Subterranean Works Obverse-Reverse Way Construction
..... Chen Xianghong (56)
Extraction Method of Tunnel Point Cloud Central Axis Line and Engineering Application
..... Zhang Jianhun and Song Yuanlong (61)

ENVIRONMENTAL GEOLOGY

- Study on Coalmine Area Land Comprehensive Improvement Technology—A Case Study of Yuxian County
..... Zhao Zhenguo, Zeng Fanfu, Song Hongzhu and Qi Ronggui (65)
Muri Mining Area Permafrost Resources Distribution Features and Environmental Effect in Qilian Mountains
..... Liang Zhenxin, Liu Shiming, Wang Weichao, Wang Tong, Yang Cheng, Zhang Zhanyu and Xiao Long (70)
Application of Integrated Exploration Technology in Karst Area Coalmine Acid Mine Water Pollution Exploration—A Case Study of Yudonghe Watershed Longdong Spring Water Pollution Exploration in Kaili City, Guizhou Province ...
..... Li Xibin (77)
Progress in Alumina Extraction from Flyash Research Zhu Shifei, Wu Meng, Zhang Guchun and Ke Yan (83)