

中国煤炭地质

COAL GEOLOGY OF CHINA

4

中国煤炭地质总局 主办 2020 第32卷

全面实施 “11463”
总体发展战略
实现科技兴局

中国煤炭地质

二〇二〇年

第三十二卷

第四期

(总第二五四期)

目 次

· 煤田地质 ·

- 神木杨伙盘矿区地下煤火对煤结构的影响····· 王楠, 李焕同, 崔胜, 王辉, 朱志蓉, 左晓峰, 赵洲 (1)
- 青海木里矿区义海煤矿下₁煤的煤相及古泥炭沼泽演化····· 王双美, 祁文强, 秦云虎, 何建国, 张静 (6)
- 井筒中煤粉颗粒迁移的数值模拟····· 冯常青, 刘汉涛, 杨宇杰, 常建忠, 郝春生, 季长江 (11)

· 煤层气 · 页岩气 ·

- 潞安矿区古城煤矿煤层气赋存主要地质因素分析····· 雷小乔, 刘同吉, 方爱民 (17)
- 淮格尔矿区玻璃沟井田 6 煤层煤质特征及气化性能评价····· 吕毅, 霍超, 齐宽, 张静, 张建强, 赵明, 赵岳 (22)
- 老虎台矿泥浆环境煤的瓦斯解吸机制研究····· 李奇 (26)

· 水文地质 · 工程地质 · 环境地质 ·

- 煤矿底板注浆堵水工程实践····· 孟强华, 王克南 (30)
- 煤矿开采对泉域水环境影响评价····· 陈峰 (34)
- 贵州石阡城南饮用矿泉水形成条件及水质特征····· 李永康, 王甘露 (38)
- 花岗岩地区桩基承载力不足原因分析····· 张琳 (43)
- 引水线路滑坡地震动力响应及稳定性分析····· 袁宝远, 姚亮, 唐尧浩 (47)
- 沈北煤田采空区钻井方法优化····· 王维锋 (52)
- 沿海滩涂区底泥 - 水体可溶性盐分迁移规律研究····· 袁靖宇, 王锦国, 陈舟, 李伟健 (57)
- 基于改进 Goodman-Bray 法的库区反倾边坡稳定评价····· 丁阳波, 麻玉山, 俞正浩, 陈松, 李梓楠 (62)

· 钻探物探 ·

- 保德区块煤层气丛式井无线随钻测量技术 (MWD) 快速钻井施工工艺····· 陈必权, 王利斌, 何万通, 汤军 (67)
- TTI 介质变网格模拟的菱形网格技术····· 朱文新, 何兵寿 (72)
- 运用钻孔弹性波 CT 法探测地铁沿线溶洞分布的试验研究····· 赵汉金, 潘乐荀, 陈兴海, 吴高平 (80)

CONTENTS

COAL GEOLOGY

- Impact from Underground Coal Fire on Coal Structure in Yanghuopan Mine Area, Shenmu.....
.....Wang Nan, Li Huantong, Cui Sheng, Wang Hui, Zhu Zhirong, Zuo Xiaofeng and Zhao Zhou (1)
- Coal No.1_L Coal Facies and Paleo-peat Bog Evolution in Yihai Coalmine, Muri Mining Area, Qinghai
..... Wang Shuangmei, Qi Wenqiang, Qin Yunhu, He Jianguo and Zhang Jing (6)
- Coal Fines Migration Numerical Simulation in Well Shaft
..... Feng Changqing, Liu Hantao, Yang Yujie, Chang Jianzhong, Hao Chunsheng and Ji Changjiang (11)

COALBED GAS, SHALE GAS

- Gucheng Coalmine CBM Hosting Main Geological Factors Analysis in Lu'an Mining Area.....
..... Lei Xiaoqiao, Liu Tongji and Fang Aimin (17)
- Coal Quality Features and Gasification Performance Assessment of Coal No.6 in Jungar Mining Area
..... Lyu Yi, Huo Chao, Qi Kuan, Zhang Jing, Zhang Jianqiang, Zhao Ming and Zhao Yue (22)
- Study on Gas Desorption Mechanism of Coal under Slurry Environment in Laohutai Coalmine Li Qi (26)

HYDROGEOLOGY, ENGINEERING GEOLOGY, ENVIRONMENTAL GEOLOGY

- Coalmine Floor Grouting Plugging Engineering Practices Meng Qianghua, Wang Kenan (30)
- Impact from Coal Winning on Spring Area Environment Chen Feng (34)
- Drinking Mineral Water Formation Conditions and Water Quality Features in the South of Shiqian County, Guizhou...
..... Li Yongkang, Wang Ganlu (38)
- Causation Analysis of Pile Foundation Bearing Capacity Deficient Zhang Lin (43)
- Water Diversion Line Landslide Earthquake Dynamic Response and Stability Analysis
..... Yuan Baoyuan, Yao Liang and Tang Yaohao (47)
- Gob Area Drilling Optimization in Shenbei Coalfield..... Wang Weifeng (52)
- Study on Soluble Salt Migration Pattern in Coastal Mudflat Sediment-Water System
..... Yuan Jingyu, Wang Jinguo, Chen Zhou and Li Weijian (57)
- Reservoir Region Anti-dip Slope Stability Assessment Based on Modified Goodman-Bray Method
..... Ding Yangbo, Ma Yushan, Yu Zhenghao, Chen Song and Li Zinan (62)

DRILLING, GEOPHYSICAL EXPLORATION

- CBM Cluster Wells Wireless MWD Technology Rapid Drilling Operation Technology in Baode Block
..... Chen Biquan, Wang Libin, He Wantong and Tang Jun (67)
- Rhombic Grid Technology in TTI Medium Variable Grid Simulation Zhu Wenxin, He Bingshou (72)
- Experimental Investigation of Subway Line Karst Caves Distribution Detection through Borehole Elastic Wave CT
Method Zhao Hanjin, Pan Lexun, Chen Xinghai and Wu Gaoping (80)