

中国煤炭地质

COAL GEOLOGY OF CHINA

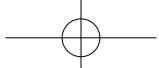
6

中国煤炭地质总局
中煤地质工程总公司

主办
协办

2019 第31卷

全面实施“11463”
总体发展战略
实现科技兴局



第31卷6期
2019年6月

中国煤炭地质
COAL GEOLOGY OF CHINA

Vol.31 No.6
Jun. 2019

目 次

· 煤田地质 ·

- 我国特殊煤种研究进展 宁树正, 张宁, 吴国强, 秦云虎 (1)
矿井地质类型划分中的一些问题讨论 贾建称, 董夔, 吴艳, 巩泽文, 吴敏杰 (5)
天然焦地质勘查研究 苗琦, 权巨涛, 秦云虎, 朱文伟, 王佟 (9)
微量元素分析在判别沉积介质环境中的应用——以冀中坳陷东北部石炭—二叠系为例 尘福艳, 杨创, 谭富荣, 孙娇鹏, 丁文龙 (15)
沁水煤田寿阳县羊头崖详查区煤系地层对比及聚煤环境分析 黄述森 (23)

· 煤层气·页岩气 ·

- 苏南煤层气的赋存规律及勘探靶区优选 廖家隆 (29)
黔西地区煤层气储层物性研究 陈朝玉, 袁余洋, 周霜林 (36)
马兰矿煤层瓦斯赋存规律分析及预测 陈继福 (41)
平顶山煤田煤层气赋存地质条件及资源潜力评价 杨予生, 楚靖岩, 李建欣, 张晓逵 (45)
西南地区煤层气产气潜力评价——以黔北矿区对江南煤矿为例 卢昭阳, 韩保山, 安林 (50)

· 非煤地质 ·

- 关中盆地西安凹陷深层地热U型对接井地温特征
..... 张育平, 黄少鹏, 杨甫, 王兴, 余如洋, 李毅, 荀迎九, 周聪 (54)

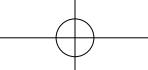
· 水文地质·工程地质·环境地质 ·

- 边坡降雨入渗与坡面径流耦合数学模型及有限元模拟 宋秋明 (62)
深埋隧道工程高地应力影响下围岩稳定性分析 白云, 吕建红, 邹凯 (66)
煤层气井固井质量影响因素分析 饶晓, 马俊强 (72)
陕西省红石岩煤矿水害致灾因素分析 高午 (75)

· 钻探·物探 ·

- 综合物探技术在武汉市江夏区大桥新区岩溶探测中的应用研究 徐小连 (80)
一种约束实测水平巷道提高矿山地质体三维自动建模精度的算法 张小伟 (86)
我国地下工程建设安全信息化技术及发展探讨 陈向红, 张乐, 臧建军, 杨涛 (91)

期刊基本参数 :CN10-1364/TD*1989*b*18*94*zh*P*15.00*1400*16*2019-06



CONTENTS

COAL GEOLOGY

- Advances in Special Coal Species Research in China Ning Shuzheng, Zhang Ning, Wu Guoqiang and Qin Yunhu (1)
Discussion on Some Issues in Mine Geological Type Classification Jia Jiancheng, Dong Kui, Wu Yan, Gong Zewen and Wu Minjie (5)
Research for Geological Exploration of Natural Coke MIAO Qi, QUAN Ju-tao, QIN Yun-hu, ZHU Wen-wei, WANG Tong (9)
Application of Trace Element Analysis in Sedimentary Media Environment Differentiation—A Case Study of Permo-Carboniferous in Northeastern Part of Central Hebei Depression Chen Fuyan, Yang Chuang, Tan Furong, Sun Jiaopeng and Ding Wenlong (15)
Rocks and Coal Seams Correlation and Coal Accumulation Environment Analysis in Yangtouya General Exploration Area, Shouyang County, Qinshui Coalfield Huang Shusen (23)

COALBED GAS, SHALE GAS

- CBM Hosting Pattern and Exploration Target Area Optimization in Southern Jiangsu Area Liao Jialong (29)
Study on CBM Reservoir Physical Properties in Western Guizhou Chen Chaoyu, Yuan Yuyang and Zhou Shuanglin (36)
Coal Seam Gas Hosting Pattern Analysis and Prediction in Malan Coalmine Chen Jifu (41)
CBM Hosting Geological Condition and Resources Potential Assessment in Pingdingshan Coalfield Yang Yusheng, Chu Jingyan, Li Jianxin and Zhang Xiaokui (45)
CBM Gas Production Potential Assessment in Southwestern China—A Case Study of Duijiangnan Coalmine in Northern Guizhou Mining Area Lu Zhaoyang, Han Baoshan and An Lin (50)

NON-COAL GEOLOGY

- Geothermal Features of Two Deep U-Shape Downhole Heat Exchangers in the Xi'an Depression, Guanzhong Basin Zhang Yuping, Huang Shaopeng, Yang Fu, Wang Xing, Yu Ruyang, Li Yi, Xun Yingjiu and Zhou Cong (54)

HYDROGEOLOGY, ENGINEERING GEOLOGY, ENVIRONMENTAL GEOLOGY

- A Coupled Mathematic Model and Finite Element Modeling for Slope Rainfall Infiltration and Sheet Flow Song Qiuming (62)
Surrounding Rock Stability Analysis for Deep Tunnel Engineering under High Ground Stress Impact Bai Yun, Lyu Jianhong and Zou Kai (66)
Impact Factor Analysis for CBM Well Cementing Quality Rao Xiao, Ma Junqiang (72)
Water Disaster Causation Factor Analysis in Hongshiyuan Coalmine, Shaanxi Province Gao Wu (75)

DRILLING, GEOPHYSICAL EXPLORATION

- Study on Application of Integrated Geophysical Prospecting for Karst in Daqiao New Area, Jiangxia Economic Development Zone, Wuhan City Xu Xiaolian (80)
An Algorithm of Measured Level Workings Information Restraint Mine Geological Body 3D Automatic Modeling Accuracy Improving Zhang Xiaowei (86)
Discussion on Underground Engineering Construction Security Informatization Technology and Development in China Chen Xianghong, Zhang Le, Zang Jianjun and Yang Tao (91)

Serial parameters:CN10-1364/TD*1989*b*18*94*zh*P*15.00*1400*16*2019-06