

中国科学引文数据库(CSCD)来源期刊

中 文 核 心 期 刊

中 国 科 技 核 心 期 刊

地质科技情报

2014 年 第 33 卷 第 6 期

(总第 159 期)

(卷终)

(国内外公开发行·双月刊)

2014 年 11 月出版

理 事 单 位

(排名不分先后)

湖北省地质调查院

中国石化江汉油田分公司勘探开发研究院

广东省地质局

贵州省地质调查院

广东省地质调查院

深圳市市政设计研究院有限公司

目 次

·基础地质·

海南岛千家复式岩体锆石 U-Pb 年代学及其地质意义

..... 陈沫龙, 马昌前, 吕昭英, 云 平, 刘圆圆(1)

青海东昆仑东段接纳格朗长岩地球化学及锆石 U-Pb 年代学

研究 孔会磊, 李金超, 裴亚芝, 贾群子, 杨宝荣(11)

内蒙古扎鲁特旗地区晚侏罗世火山岩岩石学及地球化学特征

..... 王 杰, 姚玉来, 丁秋红, 李晓海, 邹晓勇, 宗文明(18)

塔河地区火成岩发育特征及勘探意义

..... 苏 娟, 王春和, 康仁东, 刁新东(28)

黔西南贞丰中上三叠统竹杆坡组地球化学特征及其环境意义

..... 曾雄伟, 程 龙, 王建坡, 危 凯, 杨 梅(33)

江苏宁芜和溧水地区下中侏罗统象山群层序划分及沉积相

演变分析 郭 刚, 贾 根, 徐士银, 张祥云, 孙欣欣(39)

九江—瑞昌地区盖层滑脱断裂流体特征及其地质意义

..... 朱清波, 杨坤光(46)

南京下蜀黄土记录的 250~100 ka 期间的环境演化信息

..... 陈玉美, 舒 强, 张茂恒, 陈 略, 赵志军(55)

恩平凹陷北部陡坡带文昌组砂砾岩体发育特征及构造沉积响应

..... 曾智伟, 杨香华, 舒 翁, 陈胜红, 刘强虎, 吴 静, 付 鑫(60)

·矿产地质·

鄂尔多斯盆地上古生界非常规天然气综合勘探前景

..... 郭少斌, 郑红梅, 黄家国(69)

基于等效岩石组分理论的低渗透储层渗透率模型研究

..... 章海宁, 姜黎明, 张金功, 屈 乐, 樊云峰, 薄亚杰(78)

鄂尔多斯盆地红河油田长 8 油层组储层流动单元研究

..... 唐民安, 李建明, 孙宝玲, 徐欢燕, 梅小元, 颜冠山(83)

鄂尔多斯盆地延长探区陆相页岩气勘探

..... 王永炜, 高胜利, 高 潮(88)

歧口凹陷埋海潜山油气藏条件与主控因素

..... 吴昊晟, 毛 敏, 黄小刚, 刘娟霞, 刘国全, 赵宇超(99)

湘鄂西地区鹤峰区块页岩气勘探前景评价

..... 王鹏万, 邹 辰,
刘月早, 陈子焯, 王高成, 张润合, 张 磊(104)

- 火山型被动大陆边缘 SDR 形成机理及其对烃源岩影响 武爱俊, 藤彬彬, 张树林, 徐建永, 何玉平, 印斌浩, 李凡异(110)
- 澳大利亚北卡那封盆地中上三叠统 Mungaroo 组油气勘探潜力分析 许晓明, 胡孝林, 赵汝敏, 杨香华, 黄 众, 李 丹(119)
- 鄂尔多斯盆地三叠系延长组次生孔隙形成机制 兰叶芳, 邓秀萍, 程党性, 黄锦绣(128)
- 流体包裹体 PVTx 模拟研究油气充注期次和古压力恢复:以西湖凹陷平湖构造带为例 苏 奥, 陈红汉, 雷 川, 陈 旭, 王 萍, 吴 桐, 陈 锦, 陈慧钦(137)
- 天然气水合物含油气系统的形成条件、研究方法及实例分析 陈 腾, 刘 辉, 姜在兴, 刘圣乾, 梅岩辉, 华彩萍, 章轩伟, 周春蕾, 雷 欢(143)
- 内蒙古阿巴嘎旗乌和尔楚鲁图钼矿区地质特征及综合找矿信息 俞初安, 司马献章, 唐永香, 高知睿, 张 娇, 刘晓雪, 李志丹(149)
- 新安煤矿备采区二 1 煤 R_o 差异性分析及其定量表征 侯世辉, 王小明, 王星锦, 潘思东, 吴 敏, 郑爱维, 荆振华(157)
- 基于矿床三维地质建模的云南会泽某矿段隐伏矿体预测 刘宜政, 高建国, 余晓霞, 宋 兖(164)
- 紫金山矿集区花岗岩“原地重熔”成矿模式探讨 阮诗昆, 曾文灿(170)
- 技术方法 ·**
- 模拟月壤表层采样试验研究 高 辉, 段隆臣, 李 谦, 刘 宾, 张大伟(175)
- 水平井随钻电磁波响应特征分析及应用实例 胡 松, 周灿灿, 王昌学, 李华阳, 袁 超, 孔强夫(180)
- 安庆地震前地磁异常特征 戴 苗, 李军辉, 刘 坚, 李德前, 李 明(187)
- 多信息融合优选前同步反演参数 万 欢, 陈 利, 梁立锋, 章殿明, 刘秀娟(192)
- 重大自然灾害房屋倒塌程度高分辨率遥感识别方法:以舟曲特大泥石流灾害为例 陈伟涛, 和海霞, 杨思全, 黄 河(197)
- 基于不良地质识别的分类方法研究与分析 王秋全, 李 向, 王玲玲(203)
- 距离幂次反比法参估样品数据的自动化 李章林, 张夏林, 刘 刚, 吴冲龙(209)
- 工程地质 ·**
- 初始含水率对风化砂改良膨胀土无侧限抗压强度的影响 杨 俊, 童 磊, 张国栋(213)
- 降雨型黄土滑坡预警研究现状综述 亓 星, 许 强, 孙 亮, 孙 徐, 张婷婷(219)
- 环境地质 ·**
- 武汉东湖(官桥湖)沉积剖面的垂向磁性特征及其对环境污染的响应 李永涛, 曲 赞(226)
- 超临界 CO₂ 增强热卤水开采模型研究 杨国栋, 李义连, 马 鑫, Atrens Aleks, 倪 浩(233)

主 编: 姚书振 副 主 编: 杨 勇

责任编辑: 禹华珍 杨 勇 刘江霞

英文审稿: 王 鸿 绘 图: 何建华

期刊基本参数: CN42 - 1240/P * 1982 * b * A4 * 240 * zh * P * ¥25.00 * 1000 * 35 * 2014-11

GEOLOGICAL SCIENCE AND TECHNOLOGY INFORMATION
(Bimonthly)
Vol. 33 No. 6 Nov. 2014

CONTENTS

- Zircon U-Pb Chronology and Geological Significance of Qianjia Complex Pluton, Hainan Island Chen Malong, Ma Changqian, Lu Zhaoying, Yun Ping, Liu Yuanyuan (1)
- Geochemistry and Zircon U-Pb Geochronology of Annage Diorite in the Eastern Section from East Kunlun in Qinghai Province Kong Huilei, Li Jinchao, Li Yazhi, Jia Qunzi, Yang Baorong (11)
- Petrological and Geochemical Characteristics of Late Jurassic Volcanic Rocks in Zhalute Area, Eastern Inner Mongolia ... Wang Jie, Yao Yulai, Ding Qiuhong, Li Xiaohai, Gao Xiaoyong, Zong Wenming (18)
- Volcanic Characteristics and Petroleum Exploration Significance in Tahe Area Su Juan, Wang Chunhe, Kang Rendong, Diao Xindong (28)
- Geochemical Characteristics of the Middle-Upper Triassic Zhuganpo Formation in Zhenfeng, Southwestern Guizhou and Their Paleo-environmental Implications Zeng Xiongwei, Chen Long, Wang Jianpo, Wei Kai, Yang Mei (33)
- Sequence Division and Sedimentary Facies Evolution Analysis of the Middle-Early Jurassic, Xiangshan Group in Ningwu and Lishui, Jiangsu Province Guo Gang, Jia Gen, Xu Shiyin, Zhang Xiangyun, Sun Xinxin (39)
- Characteristics and Significance of Detachment Fault Fluid in Jiujiang-Ruichang Area Zhu Qingbo, Yang Kunguang (46)
- Environmental Evolution Information Recorded in the Xiaoshu Loess(250—100 ka) in Nanjing, China Chen Yumei, Shu Qiang, Zhang Maoheng, Chen Ye, Zhao Zhijun (55)
- Development Characteristics and Tectonic-Sedimentary Response of Glutenite Bodies of Wenchang Formation in Northern Steep Slope, Enping Sag Zeng Zhiwei, Yang Xianghua, Shu Yu, Chen Shenghong, Liu Qianghu, Wu Jing, Fu Xin (60)
- Integrated Exploration Prospects of Unconventional Gas of Upper Paleozoic in Ordos Basin Guo Shaobin, Zheng Hongmei, Huang Jiaguo (69)
- Study on Permeability Model of the Low-Permeability Reservoir Based on Equivalent Rock Element Theory Zhang Haining, Jiang Liming, Zhang Jingong, Qu Le, Fan Yunfeng, Bo Yajie (78)
- Reservoir Flow Units of Chang-8 Oil-Bearing Formation in Honghe Oilfield, Ordos Basin Tang Min'an, Li Jianming, Sun Baoling, Xu Huanyan, Mei Xiaoyuan, Yan Guanshan (83)
- Continental Shale Gas Exploration and Discussion on Issues Related to Geological Theory in Yanchang Exploration Area, Ordos Basin Wang Yongwei, Gao Shengli, Gao Chao (88)
- Hydrocarbon Accumulation Condition and Main Controlling Factors of Chenghai Buried Hill in Qikou Depression ... Wu Haosheng, Mao Min, Huang Xiaogang, Liu Juanxia, Liu Guoquan, Zhao Yuchao (99)
- Shale Gas Exploration Prospect Evaluation in the Hefeng Block of the Western Hubei and Hunan Provinces ... Wang Pengwan, Zou Chen, Liu Yuezao, Chen Ziliiao, Wang Gaocheng, Zhang Runhe, Zhang Lei (104)
- Mechanism of SDR in Volcanic Passive Margins and Its Effect on Source Rock Wu Aijun, Teng Binbin, Zhang Shulin, Xu Jianyong, He Yuping, Yin Biniao, Li Fanyi (110)

- Exploration Potential of Triassic Mungaroo Formation, North Carnarvon Basin, Australia Xu Xiaoming, Hu Xiaolin, Zhao Rumin, Yang Xianghua, Huang Zhong, Li Dan (119)
- Formation Mechanisms of Secondary Porosity in the Triassic Yanchang Formation, Ordos Basin Lan Yefang, Deng Xiuqin, Cheng Dangxiong, Huang Jinxiu (128)
- Application of PVTx Simulation of Fluid Inclusions to Estimate Petroleum Charge Stages and Restore Pressure: Using Pinghu Structural Belt in Xihu Depression as an Example Su Ao, Chen Honghan, Lei Chuan, Chen Xu, Wang Ping, Wu Tong, Chen Jin, Chen Huiqin (137)
- Formation Conditions, and Study Methods, and Sample Analysis of Natural Gas Hydrate Petroleum System Chen Ji, Liu Hui, Jiang Zaixing, Liu Shengqian, Mei Yanhui, Bi Caiqin, Zhang Xuanwei, Zhou Chunlei, Lei Huan (143)
- Geological Characteristics and Comprehensive Ore-Prospecting Information of Wheerch Molybdenum Deposit of Abag Banner, Inner Mongolia Yu Reng'an, Sima Xianzhang, Tang Yongxiang, Gao Zhirui, Zhang Chao, Liu Xiaoxue, Li Zhidan (149)
- Difference Analysis and Quantitative Characterization on R_o of Coal Seam II, within the Prepared Mining Area in Xin'an Coal Mine Hou Shihui, Wang Xiaoming, Wang Xingjin, Pan Sidong, Wu Min, Zheng Aiwei, Jing Zhenhua (157)
- Predicting Unexplored Ore Bodies by 3-D Geological Metallogenic Modeling: A Case Study of Huize Lead-Zinc Mine, Yunnan Province Liu Yizheng, Gao Jianguo, Yu Xiaoxia, Kang Kang (164)
- Discussion on the Metallogenic Model of Granite "In-Situ Melting" in Zijinshan Mineralization Area Ruan Shikun, Zeng Wencan (170)
- Surface Sampling Experiment for Lunar Soil Simulant Gao Hui, Duan Longchen, Li Qian, Liu Bin, Zhang Dawei (175)
- Characteristics Analysis and Application of Electromagnetic Response in Horizontal Wells Hu Song, Zhou Cancan, Wang Changxue, Li Huayang, Yuan Chao, Kong Qiangfu (180)
- Anomaly Characteristics of Geomagnetic Data before Anqing Earthquake Dai Miao, Li Junhui, Liu Jian, Li Deqian, Li Ming (187)
- Multiple Information Combination to Optimize Pre-stack Simultaneous Inversion Parameters Wan Huan, Chen Li, Liang Lifeng, Qin Dianming, Liu Xiujuan (192)
- Mapping on Building Collapse Degree Caused by Large Natural Disaster Using Remote Sensing: A Case Study on Zhouqu Large Flood Debris Flow Disaster Chen Weitao, He Haixia, Yang Siquan, Huang He (197)
- Research and Analysis on the Classification Method Based on the Bad Geological Identification Wang Qiuquan, Li Xiang, Wang Lingling (203)
- Automatically Optimizing the Participant Samples by Inverse Distance Weighting Method Li Zhanglin, Zhang Xialin, Liu Gang, Wu Chonglong (209)
- Initial Moisture Content Influence on the Unconfined Compressive Strength of Weathered Sand Improved Expansive Soil Yang Jun, Tong Lei, Zhang Guodong (213)
- Research Overview on Early Warning of Precipitation-Induced Loess Landslides Qi Xing, Xu Qiang, Sun Liang, Sun Xu, Zhang Tingting (219)
- Vertical Magnetism Characteristic on Sediment Section at East Lake (Guanqiao Lake) of Wuhan, China and Its Response to Environment Pollution Li Yongtao, Qu Zan (226)
- Modeling Study of Enhanced Thermal Brine Extraction Using Supercritical CO₂ Yang Guodong, Li Yilián, Ma Xin, Atrens Aleks, Ni Hao (233)

Chief Editor: Yao Shuzhen

Deputy Chief Editor: Yang Yong

Executive Editors: Yu Huazhen Yang Yong Liu Jiangxia