



中文核心期刊
中国科技核心期刊

ISSN 1000-8527
CODEN XIDZEV

现代地质

GEOSCIENCE

第27卷

第1期

Vol. 27 No.1

2013



中国地质大学(北京) 主办

Sponsored by China University of Geosciences (Beijing)

现代地质

(2013年 第27卷 第1期)

目次

矿床学与地球化学

- 陕西省略阳县铍厂沟金矿床主矿带地球化学原生晕特征及其地质意义 刘冲昊, 刘家军, 贾磊, 王维钰, 王立新, 于康伟, 陈冬, 李志国, 王建平 (1)
- 内蒙古苏尼特左旗乌日尼图钨钼矿床同位素地球化学特征 杨增海, 王建平, 刘家军, 王守光, 王清义, 康书光, 张捷先, 赵云 (13)
- 西藏拉屋铜多金属矿床的成矿流体特征与成矿机制研究 吕鹏瑞, 程文斌, 吴程贻, 彭义伟, 彭涛涛 (24)
- 胶东新城金矿床黄铁矿热电性特征 戴兴忠, 杨立强, 王中亮 (37)
- 贵州镇宁泥盆系大型重晶石矿床地球化学特征及其成因研究 高军波, 杨瑞东, 陶平, 魏怀瑞, 刘坤, 程伟 (46)
- 内蒙古浩尔忽洞金矿区岩体地球化学特征及成矿意义 王玉峰, 王建平, 汪欢, 孙虎, 江向东, 王斌, 姜胜梅 (56)
- 内蒙古维拉斯托矿床花岗岩类 SHRIMP 年代学及 Hf 同位素研究 王新宇, 侯青叶, 王瑾, 陈岳龙, 刘金宝, 王忠, 李大鹏 (67)
- 黄河口河流沙碎屑沉积物锆石 U-Pb 年龄及地质意义 郑萍, 李大鹏, 陈岳龙, 侯可军, 刘长征 (79)
- 新疆温泉县托克赛铅锌矿综合找矿模型 成勇, 李万平, 俞彦龙, 闫存兴, 张晖, 朱生善 (91)

遥感技术

- 遥感蚀变和线性构造信息提取在西藏阿里住浪矿区一带的找矿应用 张渊, 钱建平, 谢彪武, 赵小星 (99)
- 基于 GIS 的秘鲁南部多源信息成矿预测研究 席振, 高光明, 肖娟, 张杨 (108)
- 东昆仑造山带巴颜喀拉山群 ASTER 岩性信息提取 宋晚郊, 张绪教, 高万里, 胡道功 (116)

能源地质学

- 傅里叶变换离子回旋共振质谱的地球化学意义及其在油气勘探中的应用前景 李素梅, 孟祥兵, 张宝收, 张海祖, 潘娜, 史权 (124)
- 西非被动大陆边缘盆地群大油气田形成条件与成藏模式 胡湘瑜 (133)
- 巴西陆上盆地类型及油气地质特征 庞正炼, 樊太亮, 何辉, 王进财, 牛敏 (143)
- 冀中坳陷八里庄—薛庄潜山带构造演化与油气成藏 查明, 尉亚民, 高长海, 曲江秀 (152)
- 塔里木盆地阿恰构造带断裂构造分析 刘亚雷, 齐英敏, 刘云翔, 王月然, 赵岩, 张强, 文磊, 胡秀芳, 李曰俊 (158)
- 鄂西—渝东地区飞三段天然气成因与成藏阶段 舒志国 (165)
- 大庆长垣南部两翼葡萄花油层油气运移及聚集规律 肖佃师, 卢双舫, 黄振凯, 陈海峰, 王娜 (172)
- 塔河油田志留系油气成藏特征及勘探方向 冯兴强, 张忠民, 张卫彪 (180)
- 黄骅坳陷孔店南部枣Ⅲ油组物源分析 张世杰, 蒲秀刚, 李勇, 颜照坤, 钱赓, 丘东洲, 肖敦清, 刘子藏, 袁淑琴 (186)
- 东营凹陷博东潜山周缘古近系沙河街组沉积相及沉积体系演化 杨勇强, 邱隆伟, 张晓丹, 王新征, 蔡宏兴, 王建伟 (191)
- 黄骅坳陷歧口凹陷新生界火山岩孔隙类型、孔隙结构特征及分类评价 王乃军, 罗静兰, 郭永峰, 李双文, 刘华清 (200)
- 松辽盆地梨树断陷营城组低渗透储层成因机制 葱克来, 操应长, 蔡来星, 周磊, 杨春宇, 王健 (208)
- 页岩水平井体积压裂设计的一种新方法 苟波, 郭建春 (217)
- 倾角导向体控制的气烟囱识别技术及其在海拉尔盆地贝尔凹陷中的应用 杨瑞召, 李洋, 庞海玲, 赵争光, 文小龙, 邵建欣, 孙玉凤, 李聪聪, 王少卿 (223)
- 祁连山冻土区含天然气水合物层段的油气显示现象 卢振权, 祝有海, 刘晖, 张永勤, 王平康, 黄霞 (231)
- 《现代地质》入选“2012 中国国际影响力优秀学术期刊” (107)

责任编辑 孙义梅 戚开静 楼亚儿 潘令枝

封面摄影 张绪教 内蒙古克什克腾旗阿斯哈图侏罗纪花岗岩风蚀柱及水平节理

期刊基本参数 CN11-2035/P*1987*b*A4*238*zh*P*¥40.00*1200*27*2013-02

GEOSCIENCE
(Vol. 27 No. 1 Feb. 2013)

CONTENTS

· **Mineral Deposit and Geochemistry** ·

Primary Halo Research of the Main Ore Zone in the Huachangou Gold Deposit in Lüeyang, Shaanxi Province
..... LIU Chong-hao, LIU Jia-jun, JIA Lei et al (1)

Isotope Geochemistry of the Wurinitu W-Mo Deposit in Sunid Zuqi, Inner Mongolia, China
..... YANG Zeng-hai, WANG Jian-ping, LIU Jia-jun et al (13)

Studies on Ore-forming Fluid Characteristics and Mineralization Mechanisms of the Lawu Copper Polymetallic Deposit, Tibet
..... LÜ Peng-rui, CHENG Wen-bin, WU Cheng-yun et al (24)

Thermoelectricity Characteristics of Pyrite from Xincheng Gold Deposit, Eastern Shandong
..... JI Xing-zhong, YANG Li-qiang, WANG Zhong-liang (37)

Geochemical Characteristics and Genesis of Large Devonian Barite Deposits in Zhenning County, Guizhou Province
..... GAO Jun-bo, YANG Rui-dong, TAO Ping et al (46)

Geochemical Characteristics of Pluton in the Haoyaoerhudong Gold Deposit of Inner Mongolia and Its Ore-forming Significance
..... WANG Yu-feng, WANG Jian-ping, WANG Huan et al (56)

SHRIMP Geochronology and Hf Isotope of Zircons from Granitoids of the Weilasituo Deposit in Inner Mongolia
..... WANG Xin-yu, HOU Qing-ye, WANG Jin et al (67)

Zircon U-Pb Ages of Clastic Sediment from the Outfall of the Yellow River and Their Geological Significance
..... ZHENG Ping, LI Da-peng, CHEN Yue-long et al (79)

Comprehensive Prospecting Model of Tukesai Lead-zinc Deposit in Wenquan County, Xinjiang
..... CHENG Yong, LI Wan-ping, YU Yan-long et al (91)

· **Remote Sensing Technique** ·

Application of Remote Sensing Technique to Extract Alteration and Linear Structure Information for Resources Prognosis in the Zhulang Periphery Mining Area, Ali, Tibet
..... ZHANG Yuan, QIAN Jian-ping, XIE Biao-wu et al (99)

Study on Multi-source Information Metallogenic Prognosis Using GIS in Southern Peru
..... XI Zhen, GAO Guang-ming, XIAO Juan et al (108)

Extraction of Lithological Information from Bayan Har Mountain Group of East Kunlun Orogenic Belt Using ASTER Image
..... SONG Wan-jiao, ZHANG Xu-jiao, GAO Wan-li et al (116)

· **Petroleum Geology** ·

Geochemical Significance of FT-ICR MS and Its Application in Petroleum Exploration
..... LI Su-mei, MENG Xiang-bing, ZHANG Bao-shou et al (124)

Major Oil and Gas Fields Formation Conditions and Accumulation Models of West African Passive Continental Margin Basins
..... HU Xiang-yu (133)

Types and Petroleum Geology Characteristics of Onshore Basins in Brazil.....PANG Zheng-lian, FAN Tai-liang, HE Hui et al (143)

Structural Evolution and Hydrocarbon Accumulation of Balizhuang-Xuezhuang Buried Hill Belt in Jizhong Depression
..... ZHA Ming, WEI Ya-min, GAO Chang-hai et al (152)

Tectonic Analysis on Aqia Fault Belt in the Western Tarim Basin LIU Ya-lei, QI Ying-min, LIU Yun-xiang et al (158)

Natural Gas Origin and Accumulation Stages of the Third Member of Feixianguan Formation in Western Hubei and Eastern Chongqing Area SHU Zhi-guo (165)

Oil Migration and Accumulation Pattern of Putaohua Reservoir in Two Wings of the South of Daqing Placanticline
..... XIAO Dian-shi, LU Shuang-fang, HUANG Zhen-kai et al (172)

Petroleum Accumulation Characteristics and Favorable Exploration Target of Silurian in Tahe Oilfield
..... FENG Xing-qiang, ZHANG Zhong-min, ZHANG Wei-biao (180)

Provenance Analysis of Zao III Reservoir Group in Southern Kongdian of Huanghua Depression
..... ZHANG Shi-jie, PU Xiu-gang, LI Yong et al (186)

Sedimentary Facies and Sedimentary Systems Evolution of Shahejie Formation in Peripheral Regions of Bodong Buried Hill, Dongying Sag YANG Yong-qiang, QIU Long-wei, ZHANG Xiao-dan et al (191)

Characteristics of Pore Types, Structures and Classification of Volcanic Rocks in Cenozoic of Qikou Sag, Huanghua Depression WANG Nai-jun, LUO Jing-lan, GUO Yong-feng et al (200)

Genetic Mechanism of Low-permeability Reservoir of Yingcheng Formation in Lishu Fault Depression, Songhiao Basin
..... XI Ke-lai, CAO Ying-chang, CAI Lai-xing et al (208)

A Novel Design Method for Stimulated Reservoir Volume Fracturing in Shale Horizontal Wells.....GOU Bo, GUO Jian-Chun (217)

3D Seismic Chimney Detection Technology Based on Dip Steering and Its Application on Buir Sag of Hailar Basin
..... YANG Rui-zhao, LI Yang, PANG Hai-ling et al (223)

Oil and Gas Indications at Gas Hydrate-bearing Intervals in the Qilian Mountain Permafrost
..... LU Zhen-quan, ZHU You-hai, LIU Hui et al (231)

Editor in Chief Deng Jun
Executive Editors Sun Yimei Qi Kaijing Lou Yaer Pan Lingzhi