

# 现代地质

## (2011年 第25卷 第3期)

### 目 次

#### 中生代古气候古环境

- 晚白垩世介形类壳体稳定同位素尝试——以松科1井南孔样品为例 ..... 万晓樵, 王 娜, 司伟民 (401)  
白垩纪快速气候变化研究新进展——温室世界中的冰川证据 ..... 陈 曦, 王成善, 黄永建 (409)  
“地时”(Earthtime)研究计划：“深时”(Deep Time)记录的定年精度与时间分辨率 .....  
..... 吴怀春, 王成善, 张世红, 杨天水, 万晓樵 (419)

#### 构造地质学

- 渤海构造收缩与沉积充填 ..... 栾锡武, 刘 凤, 孙钿奇, 李晓芸 (429)  
昔格达断裂晚第四纪活动特征及强震复发周期 ..... 卢海峰, 姬志杰 (440)  
动态“盆山”耦合关系及其层序响应过程：以滇西兰坪—思茅盆地为例 .....  
..... 杨 鑫, 郑建京, 刘兴旺, 苏 龙, 刘玉虎, 刘燕红 (447)

#### 沉积学

- 山东平邑盆地古近系湖相核形石的沉积环境分析 .....  
..... 唐鑫萍, 黄文辉, 邓宏文, 张矿明, 柳佳期, 穆娜娜 (456)

- 贵州威宁窑上组沉积物物源特征及沉积控制因素分析 .....  
..... 孔凡翠, 杨瑞东, 韩晓彤, 魏怀瑞, 程玛丽, 高军波, 任海利, 龙 杰 (464)

- 珠江口盆地白云凹陷渐新世/中新世地质事件的碎屑组分响应 .....  
..... 李 云, 郑荣才, 高博禹, 胡晓庆, 戴朝成 (476)

- 鄂霍次克海南部 OS03-1 岩心 MIS6 期以来的沉积记录及其古环境意义 ..... 司贺园, 侯雪景, 丁 旋 (482)

#### 矿物岩石与矿床地质

- 南秦岭西坝花岗质岩体矿物学特征及成岩意义 ..... 汪 欢, 王建平, 刘家军, 曹瑞荣, 惠德峰,  
..... 程建军, 贺志春, 高 创, 赵新江, 齐 峰, 张国刚, 王 罗 (489)

- 内蒙古白乃庙地区白云鄂博群震积岩的发现及其构造意义 ..... 矫德阳, 崔晓寰, 苏宏伟 (503)

- 东昆仑造山带东段元古界小庙岩组的锆石 U-Pb 年龄 .....  
..... 陈有忻, 裴先治, 李瑞保, 刘战庆, 李佐臣, 张晓飞, 陈国超, 刘智刚, 丁仁平, 郭俊锋 (510)

- 浙江青田石的岩石学特征及成因 ..... 陈延芳, 喻学惠, 蒋亮智 (522)

- 广西金山金矿矿区成矿构造分析和构造地球化学找矿 ..... 钱建平, 谢彪武, 陈宏毅, 白艳萍, 吴小雷 (531)

- 河北省沙河市白涧铁矿床稀土元素地球化学特征 ..... 郝俊杰, 莎建宏, 赵新卫, 冯东东 (545)

#### 地球化学

- 松嫩平原不同土地利用类型的黑土有机碳分解及其温度敏感性研究 .....  
..... 廖 艳, 杨忠芳, 夏学齐, 高 磊, 冯海艳, 赵秀芳 (553)

- 江西鄱阳湖地区土壤酸化与人为源氮的关系 ..... 文帮勇, 杨忠芳, 侯青叶, 杨晓燕, 尹国胜, 衷存堤 (562)

- 河北平原土壤元素评价 ..... 崔邢涛, 栾文楼, 李 军, 李随民, 宋泽峰 (569)

- 戈壁覆盖区景观演化与 Au 的分散迁移 ..... 张必敏, 王学求, 迟清华, 吕庆田 (575)

#### 能源地质学

- 鄂尔多斯盆地东北部构造热演化史的磷灰石裂变径迹分析 .....  
..... 丁 超, 陈 刚, 李振华, 毛小妮, 杨 莉 (581)

- 内蒙古海拉尔盆地乌尔逊凹陷现今地温场特征 ..... 崔军平, 任战利 (589)

- 海拉尔盆地贝尔凹陷油气成藏期次分析 ..... 秦文龙, 崔军平 (594)

- 渤海湾盆地南堡油田原油特征与油源分析 ..... 万中华, 李素梅 (599)

- 考虑热传导开采天然气水合物藏的可行性研究：以南海神狐海域为例 .....  
..... 苏 正, 曹运诚, 杨 翘, 张可霓, 吴能友 (608)

责任编辑 孙义梅 楼亚儿 戚开静 潘令枝

封面摄影 郝沛 新疆准噶尔盆地玄武岩柱状节理景观

期刊基本参数 CN11-2035/P \* 1987 \* b \* A4 \* 216 \* zh \* P \* ¥40.00 \* 1200 \* 25 \* 2011 - 06

**GEOSCIENCE**  
**(Vol. 25 No. 3 Jun 2011)**

**CONTENTS**

**· Mesozoic Palaeoclimate and Palaeoenvironment ·**

- Attempt to the Late Cretaceous Ostracod Carapace Stable Isotope Measurement — Case Study on the SK1 Drill Cores ..... *WAN Xiao-qiao, WANG Zhuo, SI Wei-min* (401)  
Progress in the Study of Cretaceous Rapid Climate Change — Evidence of Glaciation in a Greenhouse World ..... *CHEN Xi, WANG Cheng-shan, HUANG Yong-jian* (409)  
“Earthtime” Project: Dating Precision and Temporal Resolution in the “Deep Time” Record ..... *WU Huai-chun, WANG Cheng-shan, ZHANG Shi-hong et al* (419)

**· Structural Geology ·**

- Tectonic Compression and Rapid Sediment Filling of Bohai Sea ..... *LUAN Xi-wu, LIU Feng, SUN Dian-qi et al* (429)  
Activity Characteristics on the Xigeda Fault in Late Quaternary and Recrudescing Interval of Strong Earthquake ..... *LU Hai-feng, JI Zhi-jie* (440)  
Dynamic Basin-Orogen Coupling and Sequence Response Process: Taking Lanping-Simao Basin, Western Yunnan as a Case ..... *YANG Xin, ZHENG Jian-jing, LIU Xing-wang et al* (447)

**· Sedimentology ·**

- Sedimentary Environment of Paleogene Lacustrine Oncoids in Pingyi Basin, Shandong Province ..... *TANG Xin-ping, HUANG Wen-hui, DENG Hong-wen et al* (456)  
Analysis of Sediment Provenance and Sedimentary Control Factors in Yaoshang Formation, Weining County in Guizhou Province ..... *KONG Fan-cui, YANG Rui-dong, HAN Xiao-tong et al* (464)  
Characteristics of the Detrital Response to Oligocene/Miocene Geological Events in Baiyun Sag, Pearl River Mouth Basin ..... *LI Yun, ZHENG Rong-cai, GAO Bo-yu et al* (476)

- Sedimentary Record in Core OS03-1 from the Southern Okhotsk Sea since the Last Interglacial and the Paleoenvironmental Significance ..... *SI He-yuan, HOU Xue-jing, DING Xuan* (482)

**· Mineralogy, Petrology and Deposit ·**

- Mineralogy of the Xiba Granitoid Pluton in the Southern Qinling Orogenic Belt and Its Implications for Petrogenesis ..... *WANG Huan, WANG Jian-ping, LIU Jia-jun et al* (489)  
Seismites from Bayan Obo Group in the Bainaimiao Area of Inner Mongolia and Their Tectonic Implications ..... *JIAO De-ying, CUI Xiao-huan, SU Hong-wei* (503)  
Zircon U-Pb Age of Xiaomiao Formation of Proterozoic in the Eastern Section of the East Kunlun Orogenic Belt ..... *CHEN You-xin, PEI Xian-zhi, LI Rui-bao et al* (510)  
Petrological Characteristics and Genesis of Qingtian Stone in Zhejiang Province ..... *CHEN Yan-fang, YU Xue-hui, JIANG Liang-zhi* (522)  
Analysis of Ore-controlling Structure and Prospecting of Tectono-geochemistry in Jinshan Au-Ag Mining Area, Guangxi ..... *QIAN Jian-ping, XIE Biao-wu, CHEN Hong-yi et al* (531)  
REE Geochemistry of Baijian Iron Deposit in Shahe City, Hebei Province ..... *HAO Jun-jie, XIN Jian-hong, ZHAO Xin-wei et al* (545)

**· Geochemistry ·**

- Organic Carbon Decomposition and Its Temperature Sensitivity of Black Soils in Different Land Use Types in the Songnen Plain ..... *LIAO Yan, YANG Zhong-fang, XIA Xue-qi et al* (553)  
The Relationship between Soil Acidification and Nitrogen Inputs in the Poyang Lake Area, Jiangxi Province, China ..... *WEN Bang-yong, YANG Zhong-fang, HOU Qing-ye et al* (562)  
Evaluation of Soil Elements in Topsoil of Hebei Plain ..... *CUI Xing-tao, LUAN Wen-lou, LI Jun et al* (569)  
Dispersion and Migration of Gold Under Landscape Evolution in Gobi Desert Terrains ..... *ZHANG Bi-min, WANG Xue-qiu, CHI Qing-hua et al* (575)

**· Energy Geology ·**

- Apatite Fission Track Analysis of Tectono-thermal History in the Northeast of Ordos Basin ..... *DING Chao, CHEN Gang, LI Zhen-hua et al* (581)  
Characteristics of Present Geothermal Field of the Wuexun Depression in Hailaer Basin, Inner Mongolia ..... *CUI Jun-ping, REN Zhan-li* (589)  
Research on the Formation Stages of Oil-gas Reservoirs in Beier Depression of Hailaer Basin ..... *QIN Wen-long, CUI Jun-ping* (594)  
Characteristics and Oil-source Investigation of the Oils in the Nanpu Oilfield, Bohai Bay Basin ..... *WAN Zhong-hua, LI Su-mei* (599)  
Feasibility of Gas Production from Hydrate Reservoir Considering Heat Conduction: Taking Shennu Area in the South China Sea as an Example ..... *SU Zheng, CAO Yun-cheng, YANG Rui et al* (608)

**Editor in Chief** Deng Jun

**Executive Editors** Sun Yimei Lou Yaer Qi Kaijing Pan Lingzhi