

现代地质

(2011年 第25卷 第2期)

目 次

岩石学

- 金沙江—哀牢山断裂带几个富碱斑岩体的锆石 U-Pb 定年及地质意义 李勇, 莫宣学, 喻学惠, 黄行凯, 和文言 (189)
皖南东源含 W、Mo 花岗闪长斑岩及成矿年代学研究 周翔, 余心起, 王德恩, 张德会, 李春麟, 傅建真, 董会明 (201)
陕西省勉县一略阳地区寒武纪含碳岩系的地球化学特征及其成因 乔耿彪, 杨钟堂, 李智明, 杨晓勇, 蓝翔华 (211)

矿床学与同位素地球化学

- 新疆伽师砂岩型铜矿床地质及 S、Pb 同位素地球化学 王思程, 薛春纪, 李志丹 (219)
湖南瑶岗仙钨多金属矿床辉钼矿 Re-Os 同位素定年和硫同位素分析及其地质意义 李顺庭, 王京彬, 祝新友, 李超 (228)
锂同位素及其在四川甲基卡伟晶岩型锂多金属矿床研究中的应用 苏媛娜, 田世洪, 侯增谦, 李建康, 李真真, 侯可军, 李延河, 胡文洁, 杨竹森 (236)
内蒙古白乃庙石英脉群流体包裹体特征及其金的勘查意义 王必任, 周志广, 於炀森, 那福超, 肖茹鹏 (243)

- 内蒙古准苏吉花钼矿床物化探异常特征及其地质意义 王继春, 肖荣阁, 郎海涛, 陶继雄, 许永旺, 李鹏 (253)
川西甘孜—理塘金矿带形成条件的矿物电子探针与裂变径迹研究 郁伟静, 袁万明, 李娜 (261)

能源地质

- 鄂尔多斯盆地镇泾地区长 8 段致密砂岩油藏成藏孔隙度下限研究 潘高峰, 刘震, 赵舒, 王青 (271)
琼东南盆地东部地区油气形成期次和时期 刘正华, 陈红汉 (279)
鄂尔多斯盆地靖边气田 J 井区储层小幅度构造研究 黄进腊, 孙卫, 任大忠, 师调调, 冯强汉, 张保国, 刘海锋 (289)
大庆油田杏树岗杏一、二区东部葡 I332a—葡 II1 细层沉积体系再认识 单敬福, 张东, 陈岑, 成群, 李清山 (297)
扶余油田扶余组曲流河储层单砂体构型刻画及剩余油控制因素 韩洁, 王敬瑶, 李军, 蒋有伟, 郑长龙, 王凤刚 (308)
柴达木盆地三湖坳陷第四系重矿物物源分析 刘群明, 陈开远, 王键, 徐雷, 滕飞启, 张培智 (315)

海洋地质

- 南印度洋海区营养盐的分布特征 倪建宇, 王方国, 姚旭莹, 郑曼辉, 赵宏樵 (322)
从南海北部浅层气的成因看水合物潜在的气源 傅宁, 林青, 刘英丽 (332)
南海东北部陆坡区天然气水合物成矿作用 杨木壮, 沙志彬, 梁金强, 王宏斌, 张光学 (340)

第四纪地质

- 山西芮城桃花洞剖面中全新世晚期的孢粉分析及环境变化 倪爱武, 田明中, 薛新明, 王金平 (349)
断层崩积楔单片再生法光释光测年：以山西忻定盆地西田探槽为例 赵俊香, 任俊杰, 于慎谔, 张世民, 丁锐 (356)

水资源与环境地球化学

- 天津地区深层地下热水井水动力特征 赵敬波, 周训, 方斌, 刘东林 (363)
含水层对地下水热泵承载力数值评价及其实用化：以北京平原区为例 李世君, 刘立才, 郑凡东, 江剑 (370)
黑龙江省敦密断裂带镜泊湖段地热资源评价 隋学文, 张俊, 石凤姣, 赵继昌 (377)
黑龙江省乌裕尔河流域有机碳迁移与沉积通量 姜伟, 侯青叶, 杨忠芳, 夏学齐, 钟聪 (384)
北京市东南郊不同灌区表层土壤中 PAHs 来源解析 石钰婷, 何江涛, 金爱芳 (393)

责任编辑 楼亚儿 戚开静 孙义梅 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 * 212 * zh * P * ¥40.00 * 1200 * 25 * 2011-04

GEOSCIENCE
(Vol. 25 No. 2 Apr. 2011)

CONTENTS

• Petrology •

- Zircon U-Pb Dating of Several Selected Alkali-rich Porphyries from the Jinshajiang-Ailaoshan Fault Zone and Geological Significance *LI Yong, MO Xuan-xue, YU Xue-hui et al* (189)
Characteristics and Geochronology of the W, Mo-bearing Granodiorite Porphyry in Dongyuan, Southern Anhui *ZHOU Xiang, YU Xin-qi, WANG De-en et al* (201)
Genesis and Geochemical Characteristics of the Cambrian Carbonaceous Rock Series in Mianxian-Liuyang Region, Shaanxi Province *QIAO Geng-biao, YANG Zhong-tang, LI Zhi-ming et al* (211)

• Mineral Deposit and Isotope Geochemistry •

- Geology and S-, Pb-isotopic Geochemistry of the Jiashi Sandstone-type Copper Deposit, Xinjiang, China *WANG Si-cheng, XUE Chun-ji, LI Zhi-dan* (219)
Re-Os Dating of Molybdenite and Sulfur Isotope Analysis of the Yaogangxian Tungsten Polymetallic Deposits in Hunan Province and Their Geological Significance *LI Shun-ting, WANG Jing-bing, ZHU Xin-you et al* (228)
Lithium Isotope and Its Application to Jiajika Pegmatite Type Lithium Polymetallic Deposit in Sichuan *SU Ai-na, TIAN Shi-hong, HOU Zeng-qian et al* (236)
Fluid Inclusions of Quartz-vein Group in the Bainaimiao Area, Inner Mongolia, and Its Significance in Exploring Gold Mineralization *WANG Bi-ren, ZHOU Zhi-guang, YU Yang-sen et al* (243)
Geophysical and Geochemical Anomalous Features of Molybdenum Deposit in Zhunsujihua, Inner Mongolia and Its Geological Significance *WANG Ji-chun, XIAO Rong-ge, LANG Hai-tao et al* (253)
Study on the Mineral Electron Microprobe Evidence of the Formation Conditions and Fission Track of Gold Deposits in Ganzi-Litang Gold Belt, Western Sichuan Province *HUAN Wei-jing, YUAN Wan-ming, LI Na* (261)

• Petroleum Geology •

- The Study on Lower Limit of Porosity for Oil Accumulation in Chang-8 Member, Zhenjing Area, Ordos Basin *PAN Gao-feng, LIU Zhen, ZHAO Shu et al* (271)
Hydrocarbon Charging Orders and Times in the Eastern Area of Qiongdongnan Basin *LIU Zheng-hua, CHEN Hong-han* (279)
Study on Low Amplitude Structure of Reservoir in Well J Area, Jingbian Gas Field, Ordos Basin *HUANG Jin-la, SUN Wei, REN Da-zhong et al* (289)
Recognition PI332a - PI11 Sublayers' Depositional System of Xing 1 and 2 Eastern Areas in Xingshugang, Daqing Oilfield *SHAN Jing-fu, ZHANG Dong, CHEN Cen et al* (297)
Research of Architecture of Monosandbody in Meandering Reservoir and Control Factors of Remaining Oil on Fuyu Formation, Fuyu Oilfield *HAN Jie, WANG Jing-yao, LI Jun et al* (308)
The Provenance Analysis of the Quaternary Heavy Minerals in Sanhu Depression, Qaidam Basin *LIU Qun-ming, CHEN Kai-yuan, WANG Jian et al* (315)

• Marine Geology •

- Nutrients Distribution in the South Indian Ocean *NI Jian-yu, WANG Fang-guo, YAO Xu-ying et al* (322)
Analysis on Potential Gas Source of Gas Hydrate from the Original Characteristics of Shallow Reservoir Gas in the North of the South China Sea *FU Ning, LIN Qing, LIU Ying-li* (332)
Metallogenetic Conditions of Gas Hydrate in the Northeastern Slope of the South China Sea *YANG Mu-zhuang, SHA Zhi-bin, LIANG Jin-qiang et al* (340)

• Quaternary Geology •

- The Sporo-pollen Analysis and Paleoenvironment Change in Taohuajian Profile of Ruicheng County, Shanxi Province Since Late Mid-Holocene *NI Ai-wu, TIAN Ming-zhong, XUE Xin-ming et al* (349)
OSL Dating of Fault Collapse Wedge Using SAR Method: Taking the Xitian Trench of Xinding Basin, Shanxi as an Example *ZHAO Jun-xiang, REN Jun-jie, YU Shen-e et al* (356)

• Water Resources and Environmental Geochemistry •

- Dynamic Features in Deep Geothermal Wells in Tianjin Area *ZHAO Jing-bo, ZHOU Xun, FANG Bin et al* (363)
Numerical Evaluation of Aquifer Heat Load Capacity on Groundwater Heatpump and Its Utilization: By a Case of Beijing Plain *LI Shi-jun, LIU Li-cai, ZHENG Fan-dong et al* (370)
Evaluation on the Geothermal Resources in Jingbo Lake Graben of the Dun-Mi Fault Zone in Heilongjiang Province *SUI Xue-wen, ZHANG Jun, SHI Feng-jiao et al* (377)
Migration and Deposition Flux of Organic Carbon in the Wuyuerhe River Basin in Heilongjiang Province *JIANG Wei, HOU Qing-ye, YANG Zhong-fang et al* (384)
Sources Apportionment of PAHs in the Surface Soil of Different Irrigation Areas in Southeast Suburb of Beijing *SHI Yu-ting, HE Jiang-tao, JIN Ai-fang* (393)

Editor in Chief Deng Jun

Executive Editors Lou Yaer Qi Kaijing Sun Yimei Pan Lingzhi