



目次

• 基础地质 •

- 太平洋海山钻结壳资源量估算..... 张富元,章伟艳,朱克超,等 (001)
- 利用采样定理与沉积速率确定旋回分析最佳采样间隔..... 赵庆乐,吴怀春,李海燕,等 (012)
- 华北克拉通南缘小秦岭金矿区基性脉岩时代及地质意义 毕诗健,李建威,李占轲 (017)
- La-Ce 同位素体系应用现状和研究进展 高永娟,凌文黎,邱啸飞,等 (033)
- 四川旺苍志留系鲕粒灰岩特征及地质意义..... 秦 松,张 涛,苏文博,等 (043)

• 能源地质 •

- 咸水湖泊沉积物中正构烷烃及其氢同位素组成与成因..... 段 毅,何金先,吴保祥,等 (053)
- 银根—额济纳旗及邻区石炭—二叠纪碳酸盐岩的沉积特征及其地质意义
..... 赵省民,陈登超,邓 坚,等 (062)
- 准噶尔盆地腹部断裂控油的物理模拟实验及其成藏意义..... 丁文龙,金之钧,张义杰,等 (073)
- 近临界特性的地层水及其对烃源岩生排烃过程的影响..... 郑伦举,何 生,秦建中,等 (083)
- 大庆长垣南部浅层气成因及成藏机制..... 付晓飞,王洪宇,孙源,等 (093)
- 鄂尔多斯盆地三叠系延长组砂岩的碱性溶蚀作用..... 田建锋,刘池阳,王桂成,等 (103)
- 四川盆地东部黄龙组碳酸盐岩储层沉积—成岩系统 文华国,郑荣才,沈忠民 (111)
- 长期低温模拟实验下松柏萜类化合物的早期演化特征..... 秦身钧,孙玉壮,唐跃刚,等 (122)
- 影响油包裹体均一温度的主要控制因素及其地质涵义..... 平宏伟,陈红汉 (131)
- 鄂尔多斯盆地延长组火山灰沉积物岩石地球化学特征..... 邱欣卫,刘池洋,毛光周,等 (139)
- 琼东南盆地深水区构造格局和幕式演化过程..... 雷 超,任建业,裴健翔,等 (151)

• 环境工程 •

- CO₂ 地质储存的纳米尺度流体—岩石相互作用研究 王焰新,毛绪美,Donald DePaolo (163)
- 汶川震区映秀镇“8·14”特大泥石流灾害调查 唐 川,李为乐,丁 军,等 (172)
- 《地球科学——中国地质大学学报》2011年第36卷第2期要目预告 (138)

主编 王亨君

责任编辑 姚 戈

期刊基本参数: CN 42-1233/P * 1957 * b * A4 * 180 * zh * P * ¥20.00 * 1200 * 18 * 2011-01

EARTH SCIENCE—JOURNAL OF CHINA
UNIVERSITY OF GEOSCIENCES

Vol. 36 No. 1 Jan. 2011

CONTENTS

Resource Estimation of Co-Rich Crusts of Seamounts in the Pacific	ZHANG Fu-yuan, ZHANG Wei-yan, ZHU Ke-chao, et al (001)
Determination of the Optimal Sampling Interval for Cyclostratigraphic Analysis by Using Sampling Theorem and Accumulation Rates	ZHAO Qing-le, WU Huai-chun, LI Hai-yan, et al (012)
Geological Significance and Geochronology of Paleoproterozoic Mafic Dykes of Xiaoqinling Gold District, Southern Margin of the North China Craton	BI Shi-jian, LI Jian-wei, LI Zhan-ke (017)
La-Ce Isotopic System: Application Status and Advances	GAO Yong-juan, LING Wen-li, QIU Xiao-fei, et al (033)
Characteristics and Implications of the Oolitic Limestones from the Silurian Succession in Wangcang, Sichuan, South China	QIN Song, ZHANG Tao, SU Wen-bo, et al (043)
Composition and Genesis of <i>n</i> -Alkanes and Their Hydrogen Isotope in Sediments from Saline Lake, China	DUAN Yi, HE Jin-xian, WU Bao-xiang, et al (053)
Depositional Characteristics and Their Geological Implications of the Permo-Carboniferous Carbonate Rocks from Yingen-Ejinaqi and Their Surrounding Areas, Inner Mongolia, China	ZHAO Xing-min, CHEN Deng-chao, DENG Jian, et al (062)
Experimental Simulation of Faults Controlling Oil Migration and Accumulation in the Central Part of Junggar Basin and Its Significance for Petroleum Geology	DING Wen-long, JIN Zhi-jun, ZHANG Yi-jie, et al (073)
Formation Water of Near-Critical Properties and Its Effects on the Processes of Hydrocarbon Generation and Expulsion	ZHENG Lun-ju, HE Sheng, QIN Jian-zhong, et al (083)
Shallow Gas Genesis and Reservoir Forming Mechanism in the South of Daqing Placanticline	FU Xiao-fei, WANG Hong-yu, SUN Yuan, et al (093)
Alkaline Dissolution of Sandstone in the Triassic Yanchang Formation in the Ordos Basin	TIAN Jian-feng, LIU Chi-yang, WANG Gui-cheng, et al (103)
Sedimentary-Diagenetic Systems of Carbonatite Reservoirs in the Huanglong Formation, Eastern Sichuan Basin	WEN Hua-guo, ZHENG Rong-cai, SHEN Zhong-min (111)
Early Evolution of Coniferous Terpenoids in the Long Period Simulation at Low Temperature	QIN Shen-jun, SUN Yu-zhuang, TANG Yue-gang, et al (122)
Main Controlling Factors on Oil Inclusion Homogenization Temperatures and Their Geological Significance	PING Hong-wei, CHEN Hong-han (131)
Petrological-Geochemical Characteristics of Volcanic Ash Sediments in Yanchang Formation in Ordos Basin	QIU Xin-wei, LIU Chi-yang, MAO Guang-zhou, et al (139)
Tectonic Framework and Multiple Episode Tectonic Evolution in Deepwater Area of Qiongdongnan Basin, Northern Continental Margin of South China Sea	LEI Chao, REN Jian-ye, PEI Jian-xiang, et al (151)
Nanoscale Fluid-Rock Interaction in CO ₂ Geological Storage	WANG Yan-xin, MAO Xu-mei, Donald DePaolo (163)
Field Investigation and Research on Giant Debris Flow on August 14, 2010 in Yingxiu Town, Epicenter of Wenchuan Earthquake	TANG Chuan, LI Wei-le, DING Jun, et al (172)

Editor in Chief WANG Heng-jun

Executive Editor YAO Ge