



目次

· 基础地质 ·

早三叠世下扬子古海洋地球化学环境的修复过程 左景勋,童金南,赵来时,常德峰,赵荣军 (441)

沉积物中铁的化学相态分析进展 李超,舒劲松,许斐,杨守业 (454)

浙东中新世 *Cinnamomum cf. bejolghota* 微细构造及其古环境意义
..... 何文龙,何雨粟,陈军林,肖良,刀克群,吴靖宇,李相传,孙柏年 (461)

黄土高原西部石笋记录的 H₂ 事件特征 吴秀平,吴锦奎,侯典炯,丁明虎,孙维君,桑文翠,刘伟刚 (471)

中国黄土¹⁰Be 记录中的古地磁场变化 杜雅娟,周卫健,鲜锋,孔祥辉,康志海 (482)

不同大地构造背景橄榄岩结构水特征 汪洋,金振民,史峰 (489)

静水压力和单轴压力对后钙钛矿 MgSiO₃ 中地震波速的影响
..... 何开华,陈琦丽,王清波,王希成,高本州,姬广富 (501)

羌塘盆地藏夏河组砂岩地球化学特征及意义 宋春彦,王剑,付修根,冯兴雷,曾胜强,何利 (508)

青藏高原拉萨地块发现古元古代地体
..... 何世平,李荣社,王超,张宏飞,计文化,于浦生,辜平阳,时超 (519)

华北克拉通岩石圈减薄机制:来自山东白垩纪基性—中基性岩浆岩 Re-Os 同位素地球化学特征的制约
..... 杨红梅,凌文黎,张军波,段瑞春,高永娟,邱啸飞,卢山松 (529)

· 能源地质 ·

青藏高原中—新生代沉积盆地热体制与古地温梯度演化 陈红汉,吴悠,肖秋苟 (541)

查干凹陷中、新生代热史及烃源岩热演化
..... 左银辉,马维民,邓已寻,郝情情,李新军,郭俊梅,冉庆,汪立蓉 (553)

万昌地区永二段水下塌扇内上倾尖灭砂体识别
..... 王晓龙,石万忠,何生,易智星,武子钰,徐清海,彭晓梦 (561)

塔里木盆地巴楚隆起西段边界断层联接及变形特征
..... 张宇航,汤良杰,邱海峻,云露,杨勇,谢大庆,蒋华山 (573)

上扬子三江地区中生代构造变形的油气地质意义 杨鑫,王亚东,刘兴旺,姜海健,郑建京 (581)

密闭取心井油水饱和度校正方法 谭锋奇,杨长春,李洪奇,杨新平,王仕莉 (592)

· 环境工程 ·

用镭同位素评价海水滞留时间及海底地下水排泄 刘花台,郭占荣,袁晓婕,李开培,章斌 (599)

博茨瓦纳 Sua 盐湖地下卤水来源及成因
..... 单慧娟,马腾,谭婷,罗朝晖,祁志冲,翟明哲,Oteng M. Lekgowe (607)

填土边坡稳定性的可靠度分析 唐朝晖,柴波,刘忠臣,曹二涛 (616)

三峡库区黄土坡滑坡 I 号崩滑体成因 简文星,杨金 (625)

新疆阜康断裂带甘河子段晚第四纪活动特征 吴传勇,陈建波,沈军,宋和平,吴国栋,罗福忠 (632)

广西桂平白石山丹霞地貌景观特色与成因过程 程驰,周爱国,周建伟 (641)

冲积层中劈裂注浆现场模型试验 程盼,邹金锋,李亮,罗伟,赵炼恒,赵娟 (649)

乌东德坝区拱座岩体三维裂隙连通率特征 王小明,黄孝泉,夏露,王吉亮,肖云华,于青春 (655)

《地球科学——中国地质大学学报》2013 年第 38 卷第 4 期要目预告 (518)

EARTH SCIENCE—JOURNAL OF CHINA
UNIVERSITY OF GEOSCIENCES

Vol. 38 No. 3 May 2013

CONTENTS

- Geochemical Environment Restoration of the Lower Yangtze Paleocene in the Early Triassic, Southeastern China
..... ZUO Jing-xun, TONG Jin-nan, ZHAO Lai-shi, CHANG De-feng, ZHAO Rong-jun (441)
- The Analytical Development of Low-Temperature Particulate Fe Speciation
..... LI Chao, SHU Jing-song, XU Fei, YANG Shou-ye (454)
- Microstructures of *Cinnamomum* cf. *bejolghota* from the Miocene of Eastern Zhejiang and Its
Palaeoenvironmental Significance HE Wen-long, HE Yu-li, CHEN Jun-lin, XIAO Liang, DAO Ke-qun,
WU Jing-yu, LI Xiang-chuan, SUN Bai-nian (461)
- Characteristics and Variability of Heinrich-2 Event Recorded by Stalagmite Oxygen Isotopic Composition in the
Western Loess Plateau WU Xiu-ping, WU Jin-kui, HOU Dian-jiong, DING Ming-hu,
SUN Wei-jun, SANG Wen-cui, LIU Wei-gang (471)
- The Paleogeomagnetic Intensity Variation from ¹⁰Be Record in Chinese Loess
..... DU Ya-juan, ZHOU Wei-jian, XIAN Feng, KONG Xiang-hui, KANG Zhi-hai (482)
- Characteristics of Hydroxyl in Lherzolite from Different Geological Setting
..... WANG Yang, JIN Zhen-min, SHI Feng (489)
- Effects on Seismic Velocity of Post-Perovskite MgSiO₃ under Hydrostatic and Uniaxial Pressure
..... HE Kai-hua, CHEN Qi-li, WANG Qing-bo, WANG Xi-cheng, Gao Ben-zhou, JI Guang-fu (501)
- Geochemical Characteristics and Signatures of the Sandstones from Zangxiahe Formation in Qiangtang Basin
..... SONG Chun-yan, WANG Jian, FU Xiu-gen, FENG Xing-lei, ZENG Sheng-qiang, HE Li (508)
- Discovery of the Paleoproterozoic Terrane in Lhasa Block, Qinghai-Tibet Plateau
..... HE Shi-ping, LI Rong-she, WANG Chao, ZHANG Hong-fei,
JI Wen-hua, YU Pu-sheng, GU Ping-yang, SHI Chao (519)
- The Lithospheric Thinning Mechanism of North China Craton: Re-Os Isotopic Geochemistry Constraint from the
Cretaceous Basic to Intermediate Basic Igneous Rocks in Shandong Province
..... YANG Hong-mei, LING Wen-li, ZHANG Jun-bo, DUAN Rui-chun,
GAO Yong-juan, QIU Xiao-fei, LU Shan-song (529)
- Thermal Regime and Paleogeothermal Gradient Evolution of Mesozoic-Cenozoic Sedimentary Basins in the
Tibetan Plateau, China CHEN Hong-han, WU You, XIAO Qiu-gou (541)
- Mesozoic and Cenozoic Thermal History and Source Rock Thermal Evolution History in the Chagan Sag, Inner Mongolia
..... ZUO Yin-hui, MA Wei-min, DENG Yi-xun, HAO Qing-qing,
LI Xin-jun, GUO Jun-mei, RAN Qing, WANG Li-rong (553)
- Identifying Updip Pinch-Out Sandstone in Subaqueous Slump Fans of Yonger Member Using Acoustic Impedance and
Instantaneous Phase in Wanchang Area, Yitong Basin
..... WANG Xiao-long, SHI Wan-zhong, HE Sheng, YI Zhi-xing,
WU Zi-yu, XU Qing-hai, PENG Xiao-meng (561)
- Linkages of the Boundary Faults and Deformation Features in the West of Bachu Uplift, Tarim Basin
..... ZHANG Yu-hang, TANG Liang-jie, QIU Hai-jun, YUN Lu,
YANG Yong, XIE Da-qing, JIANG Hua-shan (573)
- The Petroleum Geological Significance of Meso-Cenozoic Tectonic Deformation in the Sanjiang Region of Upper
Yangtze Block YANG Xin, WANG Ya-dong, LIU Xing-wang, JIANG Hai-jian, ZHENG Jian-jing (581)
- Study on Oil-Water Saturation Correction from Sealed Core Wells
..... TAN Feng-qi, YANG Chang-chun, LI Hong-qi, YANG Xin-ping, WANG Shi-li (592)
- Utility of Radium Isotopes for Evaluating Residence Time and Submarine Groundwater Discharge
..... LIU Hua-tai, GUO Zhan-rong, YUAN Xiao-jie, LI Kai-pei, ZHANG Bin (599)
- Sources and Genesis of Subsurface Brine in Sua Pan, Botswana
..... SHAN Hui-mei, MA Teng, TAN Ting, LUO Zhao-hui,
QI Zhi-chong, ZHAI Ming-zhe, Oteng M. Lekgowe (607)
- Reliability Analysis of Stability of Fill Slope TANG Zhao-hui, CHAI Bo, LIU Zhong-chen, CAO Er-tao (616)
- Formation Mechanism of No. 1 Part Slide of Huangtupo Landslide in the Three Gorges Reservoir Area
..... JIAN Wen-xing, YANG Jin (625)
- Late-Quaternary Activity Characteristics of the Ganhezi Segment of the Fukang Fault Belt, in Xinjiang
..... WU Chuan-yong, CHEN Jian-bo, SHEN Jun, SONG He-ping, WU Guo-dong, LUO Fu-zhong (632)
- Landscape Characteristics and Causes Process of Danxia Landforms in Baishishan of Guiping City,
Guangxi Province CHENG Chi, ZHOU Ai-guo, ZHOU Jian-wei (641)
- Experiment of Fracture Grouting in Alluvium with Physical Model
..... CHENG Pan, ZOU Jin-feng, LI Liang, LUO Wei, ZHAO Lian-heng, ZHAO Juan (649)
- Characteristics of Three-Dimensional Fracture Persistence of Abutment Rock Mass in Wudongde Dam Area
..... WANG Xiao-ming, HUANG Xiao-quan, XIA Lu, WANG Ji-liang, XIAO Yun-hua, YU Qing-chun (655)

Editor in Chief WANG Heng-jun

Executive Editors XIE Xiao-hong WANG Shu-hua