

地质论评

2019年 第65卷 第2期

目次

学术讨论

- 西藏新生代裂谷系成因的探讨 杨文采, 江金生, 瞿辰, 侯遵泽, 任浩然, 于常青 (267)
- 贵州安龙坡剖面中三叠世安尼期牙形石的发现及其意义 谢韬, 刘石磊, 楼雄英, 胡智丹, 周长勇, 黄金元, 文芝 (280)
- 逆冲断层位移—长度关系解析——以杭锦旗断裂带为例 李书林, 李良, 贾会冲, 张威, 徐恒艺, 杨明慧 (289)
- 郟庐断裂带西山驿岩体构造变形分析 李振伟, 宋传中, 李加好, 王微, 王阳阳, 任升莲, 李海龙, 袁芳, 韩旭, 兰瑞烜 (301)
- 华南板块西南缘中三叠统底部火山灰来源——以右江盆地者堡敢南一带凝灰岩为例
..... 向坤鹏, 安亚运, 贺永忠, 赵磊, 易成兴, 刘奎勇, 张厚松, 黄勇, 盘应娟, 邓小杰 (319)
- 内蒙古巴林左旗谭家湾剖面中三叠统幸福之路组厘定及其物源分析——来自碎屑锆石 LA-ICP-MS U-Pb 测年的证据
..... 甄甄, 郑月娟, 张海华, 张健 (335)
- 祁漫塔格山阿格腾地区晚三叠世火成岩 LA-MC-ICP-MS 锆石 U-Pb 年龄、地球化学特征及构造意义
..... 徐博, 李海宾, 南燕云, 王成勇, 岳涛, 赵明福 (353)
- 新疆阿尔泰山西段乞格拉塔乌岩体 LA-ICP-MS 锆石 U-Pb 同位素年龄及其地质意义
..... 王星, 蔺新望, 张亚峰, 何元方, 赵端昌, 菅坤坤, 陈光庭 (370)
- 大兴安岭牙克石乌奴尔地区晚石炭世正长花岗岩锆石 U-Pb 年龄、地球化学特征及地质意义
..... 李利阳, 陈满, 龚全德, 张传恒, 王献 (389)
- 辽东岫岩地区晚三叠世侵入岩 LA-ICP-MS 锆石 U-Pb 年龄、地球化学特征及地质意义
..... 王晓亮, 吕行, 刘永俊, 赵元艺, 李超, 吴文彬, 王玉平, 李海洋 (401)
- 西藏崩错似斑状正长花岗岩锆石 U-Pb 年龄、地球化学特征及其构造意义
..... 魏永峰, 肖渊甫, 肖倩茹, 罗巍, 刘涓, 林静, 杨亚民 (417)
- 热化学硫酸盐还原作用 (TSR) 与贵州汞 (金锑) 矿床成因机制再探讨——从黔东锰矿古天然气渗漏沉积成矿理论得到
的启示 陈履安, 周琦 (431)
- 地质公园规划功能分区相关问题及其优化 陈斌, 杨更, 向贵府, 张成功, 尹显娅, 宁萌萌 (438)
- 油气沿断裂垂向倒灌运移最大深度的研究方法及其应用 袁红旗, 张姗姗, 于英华, 周天旗 (445)

科技述评

- 地幔内板片俯冲运动模式及其大地构造意义——俯冲的屏障与穿越机制 李江海, 刘仲兰 (453)

研究进展

- 准噶尔盆地西北缘三叠系重矿物特征及其物源指示意义 何苗, 姜勇, 张恒, 李泽超, 李峻颀 (464)
- 上扬子盆地西缘晚白垩世物源变化及指示 姜磊, 刘树根, 王自剑, 李智武, 赖东, 何宇, 罗强, 周政, 邓宾 (477)
- 北祁连山东段晚世炭世巴什基尔期植物群——兼论华夏植物群起源中心 程晨, 王军, 李丹丹, 吴秀元 (491)
- 金沙江巧家段冲积物动态图像法粒度特征研究 王有鹏, 李德文, 王锦鹏 (503)
- 建设中国地质学会为世界一流学会的对策和建议 华丽娟, 王涛 (514)

通讯资料 · 消息报道 · 新书介绍

- 青岛灵山岛及邻区早白垩世大地构造演化 孟元库, 李日辉 (385)
- 《地质论评》、《地质学报》(中、英文版) 继续被评为“中国最具国际影响力学术期刊” 刘志强, 章雨旭 (318)
- 中国地质学会 2018 年度十大地质科技进展 (430, 437)
- 中国地质学会 2018 年度十大地质找矿成果 (518)

(本期执行总编辑 章雨旭、刘志强 图片修编 刘萌)

GEOLOGICAL REVIEW

Vol. 65 No. 2 2019

CONTENTS

Scholarly Discussion

- A study on origin of Cenozoic rifts in Qinghai—Xizang (Tibetan) Plateau
..... YANG Wencai, JIANG Jinsheng, QU Chen, HOU Zunze, REN Haoran, YU Changqing (278)
- Discovery and significance of the conodonts (Anisian, Middle Triassic) from Pojiao section in Anlong area, Guizhou Province
..... XIE Tao, LIU Shilei, LOU Xiongying, HU Zhidan, ZHOU Changyong, HUANG Jinyuan, WEN Wen (288)
- Analysis of displacement—length relationship of reverse faults: a case study of Hangjinqi fault zone
..... LI Shulin, LI Liang, JIA Huichong, ZHANG Wei, XU Hengyi, YANG Minghui (300)
- Analysis on structural deformation of the Xishanyi pluton in the Tancheng—Lujiang fault belt
..... LI Zhenwei, SONG Chuanzhong, LI Jiahao, WANG Wei, WANG Yangyang, (317)
..... REN Shenglian, LI Hailong, YUAN Fang, HAN Xu, LAN Ruixuan
- Provenance of the volcanic ash in the bottom of Middle Triassic, southwest margin of the South China plate: a case study of the
tuff in Gannan region, Zhebao, Youjiang basin
..... XIANG Kunpeng, AN Yayun, HE Yongzhong, ZHAO Lei, YI Chengxing, LIU Kuiyong, (333)
..... ZHANG Housong, HUANG Yong, PAN Yingjuan, DENG Xiaojie
- The stratigraphic age determination and provenance analyses of Xingfuzhulu Formation of Middle Triassic along Tanjiawan section in
Bairin Left Banner, Inner Mongolia: evidence from detrital zircon LA-ICP-MS U-Pb dating
..... ZHEN Zhen, ZHENG Yuejuan, ZHANG Haihua, ZHANG Jian (351)
- LA-MC-ICP-MS Zircon U-Pb ages, geochemical characteristics and tectonic significance of the Late Triassic igneous rocks
in Ageteng area, Qimantage Mountains
..... XU Bo, LI Haibin, NAN Yanyun, WANG Chengyong, YUE Tao, ZHAO Mingfu (369)
- LA-ICP-MS U-Pb dating of zircons from Qigelatawu granite in western Altay, northern Xinjiang, and its geological implications ...
..... WANG Xing, LIN Xinwang, ZHANG Yafeng, HE Yuanfang, ZHAO Duanchang, JIAN Kunkun, CHEN Guangting (384)
- Zircon U-Pb age, geochemical characteristics and geological significance of syenogranite in Wunuer area, Great Hinggan Mountains
..... LI Liyang, CHEN Man, GONG Quande, ZHANG Chuansheng, WANG Xian (400)
- LA-ICP-MS zircon U-Pb ages, geochemical characteristics of Late Triassic intrusives in Xiuyan area, eastern Liaoning and
their geological significances
..... WANG Xiaoliang, LÜ Xing, LIU Yongjun, ZHAO Yuanyi, LI Chao, WU Wenbin, WANG Yuping, LI Haiyang (416)
- Zircon U-Pb age and geochemical characteristics of the Early Cretaceous porphyritic syenogranite in Bengco Lake, Xizang (Tibet)
and its geological significance
..... WEI Yongfeng, XIAO Yuanfu, XIAO Qianru, LUO Wei, LIU Juan, LIN Jing, YANG Yamin (429)
- Sulfate thermochemical reduction (TSR) and rediscussion on the formation mechanism of mercury (gold /antimony) deposits
in Guizhou —inspiration from the theory of paleo-gas seepage-sedimentary mineralization of manganese deposits in
eastern Guizhou CHEN Lü'an, ZHOU Qi (436)
- Relevant problems in function division planning of geoparks and optimization measures
..... CHEN Bin, YANG Geng, XIANG Guifu, ZHANG Chenggong, YIN Xianya, NING Mengmeng (443)
- The research method and its application of the maximum depth of oil and gas vertically downward migration along faults
..... YUAN Hongqi, ZHANG Shanshan, YU Yinghua, ZHOU Tianqi (452)

Scientific Review

- Subduction patterns within mantle and its tectonic significance—Subduction barrier and crossing mechanism
..... 万方数据 LI Jianghai, LIU Zhonglan (463)

Research Progress

- Heavy mineral characteristics and its implication for provenance of the Triassic, NW Junggar HE Miao, JIANG Yong, ZHANG Heng, LI Zechao, LI Junjie(475)
- Provenance change and its indication of Late Cretaceous in the west margin of Upper Yangtze Basin JIANG Lei, LIU Shugen, WANG Zijian, LI Zhiwu, LAI Dong, HE Yu, LUO Qiang, ZHOU Zheng, DENG Bin(489)
- The Late Carboniferous Flora (Bashkirian) in the east sector of north Qilian Mountain: a note on the origin center of the Cathaysia Flora CHENG Chen, WANG Jun, LI Dandan, WU Xiuyuan(502)
- Analysis on grain size of alluvial sediments in the Qiaojia segment, upper Yangtze River, based on dynamic image method WANG Youpeng, LI Dewen, WANG Jinpeng(512)
- Strategies and suggestions for *Geological Society of China* to build leading national and world-class society HUA Lijuan, WANG Tao(518)

Correspondence · Reference · News Report · Introduction to New Book

- Early Cretaceous tectonic evolution on Lingshan Island, Qingdao, and adjacent regions MENG Yuanku, LI Rihui(385)
- Geological Review*, *Acta Geologica Sinica* (Chinese and English edition) Continuously Awarded the Title of “the Most Influential International Academic Journals of China” LIU Zhiqiang, ZHANG Yuxu(318)
- “The Top 10 Geoscientific Achievements” of *Geological Society of China* in 2018 (430,437)
- “Top 10 Prospecting Results” of *Geological Society of China* in 2018 (518)

(Executive editors of this issue: ZHANG Yuxu, LIU Zhiqiang; typesetting and figures editor: Liu Meng)

《地质论评》编辑委员会

Editorial Committee of *GEOLOGICAL REVIEW*

主 编 Editor in Chief: 杨文采 YANG Wencai

副主编 (以姓氏拼音字母为序) Deputy Editor in Chief:

陈衍景 CHEN Yanjing 董云鹏 DONG Yunpeng 谢树成 XIE Shucheng 阎长虹 YAN Changhong
张拴宏 ZHANG Shuanhong 章雨旭(常务) ZHANG Yuxu 朱祥坤 ZHU Xiangkun 朱筱敏 ZHU Xiaomin

委 员 (以姓氏拼音字母为序) Members of Editorial Committee:

陈汉林 CHEN Hanlin 陈建平 CHEN Jianping 陈仁义 CHEN Renyi 陈伟海 CHEN Weihai
陈孝红 CHEN Xiaohong 陈衍景 CHEN Yanjing 董大忠 DONG Dazhong 董云鹏 DONG Yunpeng
范洪海 FAN Honghai 付水兴 FU Shuixing 郝爱兵 HAO Aibing 何幼斌 HE Youbin
侯明才 HOU Mingcai 黄智龙 HUANG Zhilong 金章东 JIN Zhangdong 李怀坤 LI Huaikun
李金发 LI Jinfa 李旭平 LI Xuping 刘 财 LIU Cai 刘成林 LIU Chenglin
刘传正 LIU Chuangzheng 刘志飞 LIU Zhifei 楼章华 LOU Zhanghua 陆建军 LU Jianjun
吕洪波 LÜ Hongbo 马生明 MA Shengming 马永生 MA Yongsheng 彭建堂 PENG Jiantang
邱隆伟 QIU Longwei 邵龙义 SHAO Longyi 沈树忠 SHEN Shuzhong 石建省 SHI Jiansheng
唐 烽 TANG Feng 唐菊兴 TANG Juxing 汪筱林 WANG Xiaolin 王 剑 WANG Jian
王 焰 WANG Yan 王焰新 WANG Yanxin 王宗起 WANG Zhongqi 魏海泉 WEI Haiquan
武 强 WU Qiang 谢树成 XIE Shucheng 徐学义 XU Xueyi 闫 峻 YAN Jun
阎长虹 YAN Changhong 杨文采 YANG Wencai 杨振宇 YANG Zhenyu 叶建良 YE Jianliang
叶思源 YE Siyuan 张传林 ZHANG Chuanlin 张发旺 ZHANG Fawang 张宏福 ZHANG Hongfu
张建新 ZHANG Jianxin 张茂省 ZHANG Maosheng 张拴宏 ZHANG Shuanhong 张忠慧 ZHANG Zhonghui
章雨旭 ZHANG Yuxu 朱弟成 ZHU Dicheng 朱立新 ZHU Lixin 朱祥坤 ZHU Xiangkun
朱筱敏 ZHU Xiaomin

《地质论评》编辑部 Editorial Department of *GEOLOGICAL REVIEW*

编辑部主任 Chief Editor of the Department 刘志强 LIU Zhiqiang

编辑部成员 (以姓氏拼音字母为序) Members of Editorial Department

费红彩 FEI Hongcai 黄 敏 HUANG Min 李 曼 LI Man 刘 恋 LIU Lian
刘 萌 LIU Meng 刘志强 LIU Zhiqiang 章雨旭 ZHANG Yuxu 周 健 ZHOU Jian