

中国地质(双月刊)

(ZHONGGUO DIZHI)

2019年12月第46卷第6期(总第395期)

目次

特别关注

- 论全球海陆变迁的主要原因 康玉柱(1253)
- 西准噶尔克拉赛勒克山和布克河组晚泥盆世化石的发现及其地层归属
..... 纵瑞文, 龚一鸣(1259)
- 滇西南南澜沧江构造岩浆岩带早侏罗世火山岩的发现——兼论云南省境内印支构造旋回的上限
..... 吕留彦, 李静, 曾文涛, 俞赛赢, 孙载波, 王晓峰(1270)

综述论文

- 页岩气藏数值模拟模型研究进展 王强, 叶梦旒, 李宁, 叶玉峰, 董家辛(1284)
- 中国不同类型钨矿床稀土元素地球化学研究成果综述
..... 秦燕, 王登红, 盛继福, 王岩(1300)

学术论文

- 藏南错那洞花岗质片麻岩锆石年龄、Hf同位素及其对原特提斯洋演化的启示
..... 张林奎, 李光明, 曹华文, 张志, 付建刚, 夏祥标, 董随亮, 梁维, 黄勇(1312)
- 西藏拉萨地体南缘汤白地区始新世辉绿岩脉——新特提斯洋壳断离的证据
..... 王旭辉, 郎兴海, 邓煜霖, 谢富伟, 姜渝明, 张赫, 杨宗耀(1336)
- 藏北阿翁错地区中基性脉岩年代学、地球化学特征及其板内伸展构造作用
..... 吴建亮, 尹显科, 王波, 刘文, 雷传扬, 李威, 张伟(1356)
- 日喀则蛇绿岩中辉长-辉绿岩成因及慢速扩张脊环境
..... 余宇伟, 朱祥坤, 何源, 万洪清(1372)
- 东准噶尔奥依托浪格地区原三塘湖组陆相火山岩地层的重新厘定与解体
..... 毕承彬, 余牛奔, 卢观送, 尼加提·阿布都逊, 潘飞, 马比阿伟(1384)
- 内蒙古锡林浩特北早二叠世花岗岩类定年及成因
..... 郭喜运, 孙华山, 董挨管, 任建勋, 徐瑞英, 高博(1396)
- 内蒙古西乌旗罕乌拉地区白音高老组火山岩特征及其形成构造背景
..... 张晓飞, 陈国超, 周毅, 李沅柏, 滕超, 王必任, 庞振山, 曹侃, 魏均启(1410)
- 内蒙古狼山地区新生代断层活动特征:对正断层生长的限定
..... 赵衡, 张进, 李岩峰, 曲军峰, 张北航, 张义平, 云龙, 王艳楠(1433)
- 甘肃省滴水山金矿区火山岩锆石U-Pb年龄、岩石地球化学特征及其形成的构造背景
..... 杨永春, 余君鹏, 赵得龙, 李生栋, 刘家军, 王学银, 王小强, 孔维琼, 王作刚(1454)

[期刊基本参数]CN11-1167/P*1953*b*A4*330*zh*P*Y 50.00*2000*20*2019-12

本期责任编辑:郭 慧 李亚萍 王学明 英文审校:张中民 技术编辑:王 巍 黄彩霞

华北克拉通南缘蚌埠隆起古元古代侵入体地质地球化学特征	康丛轩,杨献忠,蔡逸涛,黄先觉,孔广林,李朝维(1481)
鄂北大洪山晋宁期MORB-like玄武岩的识别与洋内俯冲作用	谢纪海,胡正祥,毛新武,孔令耀,杨青雄,杨成,郭盼(1496)
浙东天台地区早白垩世花岗岩及暗色包体锆石U-Pb年龄、地球化学及其成因	王对兴,管琪,高万里,李春麟,张聚全,赵凯华(1512)
浙南龙泉地区晚侏罗世火山岩的厘定及成因探讨	刘远栋,李翔,徐磊,陈美君,刘凤龙,陈小友(1530)
四川盆地北缘马元铅锌矿床与古油藏关系研究	黄小东,陈翠华,赖翔,宋志娇,张燕,杨德平,陈宵杰(1547)
川西南马头山铜金矿床地质和流体包裹体特征及成因	辛存林,徐明儒,安国堡,胡菊英,杨涛,董凯(1556)
发现与进展	
羌塘盆地东部鄂尔陇巴组上部火山碎屑岩锆石U-Pb年龄	曾胜强,王剑,陈文彬,付修根,颜泽,李金锋,刘君豪(1573)
云南大关地区(云大页1井)龙马溪组获页岩气调查重大发现	熊小辉,刘家洪,邓奇,汪正江,熊国庆,杨平,杨菲(1576)
东北三江盆地黑富地1井钻获浅层生物气	张文浩,李世臻,王丹丹,周新桂,张交东,刘卫彬(1578)
简讯与热点	
2018年锂资源供需及未来趋势	(1580)
地质调查结硕果 矿产普查谱新篇(2019年中国地质调查局地质调查与找矿成果侧记)	(封二)
《中国地质》编辑工作指导委员会、《中国地质》(中文)编辑委员会	(封三)
《中国地质》(双月刊)栏目设置与稿约	(I)
《中国地质》2019年总目录	(III)

GEOLOGY IN CHINA

(Bimonthly)

Dec. 2019 Vol. 46, No.6 (Serial No. 395)

Contents

In Focus

- The main causes of global land and sea changes *KANG Yuzhu*(1253)
- The discovery of the Late Devonian fossils from the Hebukehe Formation and its stratal position in Kelasaileke Mountain, western Junggar, Xinjiang *ZONG Ruiwen, GONG Yiming*(1259)
- The discovery of Early Jurassic volcanic rocks along the Southern Lancangjiang tectonic magmatic belt in southwest Yunnan, with a discussion on the upper limit of Indosinian tectonic cycles in Yunnan Province *LÜ Liuyan, LI Jing, ZENG Wentao, YU Saiying, SUN Zaibo, WANG Xiaofeng*(1270)

Reviews

- Research progress of numerical simulation models for shale gas reservoirs *WANG Qiang, YE Mengni, LI Ning, YE Yufeng, DONG Jiabin*(1284)
- A review of research achievements on REE geochemistry of tungsten deposits in China *QIN Yan, WANG Denghong, SHENG Jifu, WANG Yan*(1300)

Research Articles

- Zircon geochronology and Hf isotope compositions of the granitic gneiss from Cuonadong in South Tibet and its insights for the evolution of the Proto-Tethys *ZHANG Linkui, LI Guangming, CAO Huawen, ZHANG Zhi, FU Jiangang, XIA Xiangbiao, DONG Suiliang, LIANG Wei, HUANG Yong*(1312)
- Eocene diabase dikes in the Tangbai area, southern margin of Lhasa terrane, Tibet: Evidence for the slab break-off of the Neo-Tethys Ocean *WANG Xuhui, LANG Xinghai, DENG Yulin, XIE Fuwei, LOU Yuming, ZHANG He, YANG Zongyao*(1336)
- Geochemistry and geochronology of intermediate-basic dikes in Awengcuo area of north Tibet and intraplate extensional structures *WU Jianliang, YIN Xianke, WANG Bo, LIU Wen, LEI Chuanyang, LI Wei, ZHANG Wei*(1356)
- The formation of gabbro and diabase in the Xigaze ophiolite: Implications for a slow-spreading ridge *SHE Yuwei, ZHU Xiangkun, HE Yuan, WAN Hongqing*(1372)
- Redetermination and disintegration of the continental volcanic strata of the former Santanghu Formation in Oetonggar area, Eastern Junggar Basin *BI Chengbin, YU Niuben, LU Guansong, NIJIATI·Abuduxun, PAN Fei, MABI Awei*(1384)
- The genesis and dating of the Early Permian granitic rock in the north of Xilin Hot, Inner Mongolia *GUO Xiyun, SUN Huashan, DONG Aiguan, REN Jianxun, Xu Ruiying, GAO Bo*(1396)
- Characteristics and tectonic setting of volcanic rocks of Baiyingaolao Formation in Hanwula of Xi Ujimqin Banner, Inner Mongolia *ZHANG Xiaofei, CHEN Guochao, ZHOU Yi, LI Yuanbai, TENG Chao, WANG Biren, PANG Zhenshan, CAO Kan, WEI Junqi*(1410)
- Characteristics of Cenozoic faults in Langshan area, Inner Mongolia: Constraint on the development of normal faults *ZHAO Heng, ZHANG Jin, LI Yanfeng, QÜ Junfeng, ZHANG Beihang, ZHANG Yiping, YUN Long, WANG Yannan*(1433)

(Executive editors of this issue: GUO Hui, LI Yaping, WANG Xueming)

Zircon U–Pb dating and geochemistry of the volcanic rocks in the Dishuishan gold deposit in Gansu Province and its tectonic setting *YANG Yongchun, YU Junpeng, ZHAO Delong, LI Shengdong, LIU Jiajun, WANG Xueyin, WANG Xiaoqiang, KONG Weiqiong, WANG Zuogang*(1454)

Geological and geochemical characteristics of the Paleoproterozoic intrusions in Bengbu uplift, southeast North China Craton *KANG Congxuan, YANG Xianzhong, CAI Yitao, HUANG Xianjue, KONG Guanglin, LI Chaowei*(1481)

The discrimination of Jinningian MORB– like basalt and intra– oceanic subduction in the Dahongshan area, Northern Hubei *XIE Jihai, HU Zhengxiang, MAO Xinwu, KONG Lingyao, YANG Qingxiong, YANG Cheng , GUO Pan*(1496)

Zircon U–Pb age,geochemistry and genesis of the Early Cretaceous mafic enclaves and granites in Tiantai area, eastern Zhejiang Province *WANG Duixing, GUAN Qi, GAO Wanli, LI Chunlin, ZHANG Juquan, ZHAO Kaihua*(1512)

Identification and genesis of the Late Jurassic volcanic rocks in Longquan area, southern Zhejiang Province *LIU Yuandong, LI Xiang, XU Lei, CHEN Meijun, LIU Fenglong, CHEN Xiaoyou*(1530)

The genetic relationship between Pb–Zn deposits and paleo–oil reservoirs in Mayuan, northern Sichuan Basin *HUANG Xiaodong, CHEN Cuihua, LAI Xiang, SONG Zhijiao, ZHANG Yan, YANG Deping, CHEN Xiaojie*(1547)

Deposit geology, fluid inclusion characteristics and ore genesis of the Matoushan Cu– Au deposit in Southwest Sichuan Province *XIN Cunlin, XU Mingru, AN Guobao, HU Juying, YANG Tao, DONG Kai*(1556)

Discoveries and Developments

Zircon U–Pb age of volcanoclastic rock from the upper part of E'er Longba Formation in eastern Qiangtang Basin of Tibet *ZENG Shengqiang, WANG Jian, CHEN Wenbin, FU Xiugen, YAN Ze, LI Jinfeng, LIU Junhao*(1573)

The breakthrough of shale gas survey from Longmaxi Formation of Well Yundaye– 1 in Dagan area, Yunnan Province *XIONG Xiaohui, LIU Jiahong, DENG Qi, WANG Zhengjiang, XIONG Guoqing, YANG Ping, YANG Fei*(1576)

An important discovery of shallow biogas in Sanjiang Basin, Northeast China *ZHANG Wenhao, LI Shizhen, WANG Dandan, ZHOU Xingui, ZHANG Jiaodong, LIU Weibin*(1578)

News and Highlights

Supply and demand of lithium resources in 2018 and future trend (1580)