

中国地质(双月刊)

(ZHONGGUO DIZHI)

2018年08月第45卷第4期(总第387期)

目次

特别关注

松辽盆地大陆深部科学钻探地球科学研究进展 侯贺晟 王成善 张交东 等(641)

中国航磁大地构造单元划分 熊盛青 杨海 丁燕云 等(658)

帕米尔高原东北缘活动构造对塔什库尔干盆地地热控制作用 刘健 史杰 姚鑫 等(681)

综述论文

海南岛的成因机制研究 梁光河(693)

学术论文

内蒙古梅劳特乌拉蛇绿岩中早二叠世高镁闪长岩的发现及洋内俯冲作用

..... 王金芳 李英杰 李红阳 等(706)

伊犁盆地南缘琼博拉二长花岗岩锆石年代学及形成的动力学机制

..... 李平 刘红旭 丁波 等(720)

阿尔金中段大通沟花岗岩体年代学、地球化学特征及其成因

..... 管坤坤 刘向东 何元方 等(740)

豫西五里川—寨根一带秦岭岩群碎屑锆石U-Pb年龄研究... 赵利刚 李承东 武志宇 等(753)

中天山阿拉塔格环状杂岩体中闪长质包体地球化学与岩浆混合作用

..... 余吉远 计波 王国强(767)

北喜马拉雅双穹隆构造的建立:来自藏南错那洞穹隆的厘定

..... 付建刚 李光明 王根厚 等(783)

东秦岭南泥湖钼铅锌银多金属矿田地球物理场特征与深部找矿预测

..... 王耀升 刘申芬 王俊鹤 等(803)

内蒙古新地沟金矿床黄铁矿热电性特征及深部找矿意义 ... 刘华南 刘家军 李小伟 等(819)

新疆白杨河铀矿床钻孔岩心蚀变分带特征及地质意义 侯隼鹏 徐清俊 叶发旺 等(839)

发现与进展

黔北黄平地区黄地1井下寒武统发现海相页岩气 葛明娜 包书景 何伟 等(851)

西藏伦坡拉盆地中央凹陷带探获油气 李英烈 伍新和 汪锐 等(853)

[期刊基本参数]CN11-1167/P*1953*b*A4*222*zh*P*¥ 50.00*2000*13*2018-08

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

湖北建始地区志留系钻获致密砂岩气和页岩气 周志 任收麦 包书景 等(855)
阜新盆地油气勘探获得重大突破 赵洪伟 陈树旺 汪大明 等(857)
川南地区海相页岩气中发现微量硫化氢 陆廷清 胡明 刘墨翰 等(859)
山西保德上二叠统孙家沟组中发现锯齿龙类集群埋藏化石 董黎阳 伊剑(861)

简讯与热点

有鳞动物最古老“祖先”认定 (802)
中国地质调查局地质科技创新计划取得丰硕成果 (封二)
青藏高原基础地质系列图 (封三)
《中国地质》(双月刊)栏目设置与稿约 (I)

GEOLOGY IN CHINA

(Bimonthly)

Aug. 2018 Vol. 45, No.4 (Serial No. 387)

Contents

In Focus

Deep continental scientific drilling engineering in Songliao Basin: Progress in earth science research
..... *HOU Hesheng, WANG Chengshan, ZHANG Jiaodong, et al*(641)

Subdivision of tectonic units in China based on aeromagnetic data
..... *XIONG Shengqing, YANG Hai, DING Yanyun, et al*(658)

The control of neo-tectonic activity over geothermal resource in the Taxkorgan Basin on the northeastern margin of the Pamir *LIU Jian, SHI Jie, YAO Xin, et al*(681)

Reviews

A study of the genesis of Hainan Island..... *LIANG Guanghe*(693)

Research Articles

The discovery of the Early Permian high-Mg diorite in Meilaotewula SSZ ophiolite of Inner Mongolia and its Intra-oceanic Subduction *WANG Jinfang, LI Yingjie, LI Hongyang, et al*(706)

The Zircon U-Pb geochronology and dynamics mechanism for the formation of monzonitic granite in the Qiongbola area, south of Yili basin *LI Ping, LIU Hongxu, DING Bo, et al*(720)

Geochronology, geochemistry and petrogenesis of the Datonggou granitic plutons in the middle section of Altun Mountains *JIAN Kunkun, LIU Xiangdong, HE Yuanfang, et al*(740)

Detrital zircon U-Pb geochronology of the Qinling Group in Wulichuan-Zhaigen area, West Henan
..... *ZHAO Ligang, LI Chengdong, WU Zhiyu, et al*(753)

Geochemistry of dioritic enclaves related to magmatic mixing in the concentrically zoned Alatage igneous complex, central Tianshan Mountains *YU Jiyuan, JI Bo, WANG Guoqiang*(767)

Establishment of the North Himalayan double gneiss domes: Evidence from field identification of the Cuonadong dome, south Tibet..... *FU Jianguang, LI Guangming, WANG Genhou, et al*(783)

Geophysical field characteristics and deep ore prospecting prediction of the Nannihu molybdenum lead-zinc-silver polymetallic ore field in East Qinling Mountain *WANG Yaosheng, LIU Shenfen, WANG Junhe, et al*(803)

Thermoelectric characteristics of pyrite from the Xindigou gold deposit in Inner Mongolia and its significance on deep prospecting *LIU Huanan, LIU Jiajun, LI Xiaowei, et al*(819)

Alteration zonation of drilling cores in the Baiyanghe uranium deposit of Xinjiang and its geological implications
..... *HOU Jianpeng, XU Qingjun, YE Fawang, et al*(839)

Discoveries and Development

The discovery of shale gas in Lower Cambrian marine shale gas at Huangdi-1 well in Huangping region of northern Guizhou *GE Mingna, Bao Shujing, HE Wei, et al*(851)

(Chief editor of this issue:LI Yaping; Executive editors of this issue:LI Yaping, WANG Xueming, GUO Hui, YANG Yan)

New findings of oil and gas in central depression of Lunpola Basin, Tibet
..... *LI Yinglie, WU Xinhe, WANG Rui, et al*(853)

The discovery of tight gas and shale gas in Silurian strata in Jianshi, Hubei Province
..... *ZHOU Zhi, REN Shoumai, BAO Shujing, et al*(855)

Major breakthroughs in oil and gas exploration in the Fuxin Basin
..... *ZHAO Hongwei, CHEN Shuwang, WANG Daming, et al*(857)

The discovery of hydrogen sulfide-bearing marine shale gas in southern Sichuan
..... *LU Tingqing, HU Ming, LIU Mohan, et al*(859)

The discovery of clusters of buried fossil remains of pareiasaurs in Upper Permian Sunjiagou Formation in Baode, Shanxi Province *DONG Liyang, YI Jian*(861)

New and Highlights

The confirmation of the oldest ‘ancestors’ of animals with scales (802)