

# 中国地质(双月刊)

(ZHONGGUO DIZHI)

2017年12月第44卷第6期(总第383期)

## 目次

### 特别关注

长江经济带资源环境条件与重大地质问题 ..... 姜月华 林良俊 陈立德 等(1045)

中国省会城市浅层地热能开发利用条件及潜力评价 ..... 王婉丽 王贵玲 朱喜 等(1062)

京津冀地区地热资源成藏模式与潜力研究 ..... 王贵玲 张薇 蔺文静 等(1074)

### 综述论文

中国城市地质调查总体构想与关键理论技术 ..... 林良俊 李亚民 葛伟亚 等(1086)

西太平洋边缘构造特征及其演化 ..... 李学杰 王哲 姚永坚 等(1102)

### 学术论文

华北平原典型地段地面沉降演化特征与机理研究 ..... 郭海朋 白晋斌 张有全 等(1115)

北京地区地热资源特征与区划研究 ..... 刘凯 王珊珊 孙颖 等(1128)

滇西来利山花岗岩年代学、地球化学特征及其壳源部分熔融成因  
..... 孙转荣 董国臣 赵作新 等(1140)

内蒙古巴彦敖包地区宝力高庙组火山岩地球化学特征、锆石U-Pb年龄及地质意义  
..... 何付兵 魏波 徐吉祥 等(1159)

康定杂岩成因和构造意义——来自Hf同位素的证据 ..... 康欢 李大鹏 陈岳龙 等(1175)

鄂尔多斯盆地东北部直罗组内碎屑锆石和铀矿物赋存形式简析及其对铀源的指示  
..... 陈印 冯晓曦 陈路路 等(1190)

东天山香山中镁铁-超镁铁质岩体岩石学与矿物学特征:对成岩成矿过程的约束  
..... 王博林 李文渊 张照伟 等(1207)

江西玉华山地区铀矿综合信息找矿模型研究 ..... 钟福军 潘家永 夏菲 等(1234)

### 发现与进展

塔里木盆地顺北1井辉绿岩脉锆石U-Pb年龄与岩浆侵入活动  
..... 马庆佑 廖志勇 唐照星(1251)

黔南地区(黔紫页1井)发现上古生界海相页岩气 ..... 苑坤 王超 覃英伦 等(1253)

三江盆地侏罗统硅质岩中发现轻质油 ..... 张文浩 王丹丹 孟元林 等(1255)

---

[期刊基本参数]CN11-1167/P\*1953\*b\*A4\*218\*zh\*P\*¥ 50.00\*2000\*13\*2017-12

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

神农架成冰系“南沱组”宏观藻应属大塘坡组的新证据 ..... 旷红伟 柳永清 彭楠 等(1257)

### 简讯与热点

中国大荔颅骨或改写人类进化史 ..... (1085)

新疆准噶尔盆地发现世界储量最大的砾岩油田 ..... (1174)

慢地震幕式震颤与慢滑移:特征、成因与新进展 ..... (1259)

中华龙鸟的皮肤具有花纹图案 ..... (1261)

2016年度地质科学类期刊前30名影响因子排序表 ..... (1233)

中国地质调查局重要经济区和城市群综合地质调查计划有力支撑国家重大区域发展战略  
..... (封二)

联合国教科文组织——国际地球科学计划(IGCP)与中国地质学家主持与参与项目情况简介  
..... (封三)

《中国地质》(双月刊)栏目设置与稿约 ..... ( I )

《中国地质》2017年总目录 ..... ( III )

# GEOLOGY IN CHINA

(Bimonthly)

Dec. 2017 Vol. 44, No.6 (Serial No. 383)

## Contents

### In Focus

Research on conditions of resources and environment and major geological problems in the Yangtze River Economic Zone ..... *JIANG Yuehua, LIN Liangjun, CHEN Lide, et al*(1045)

Characteristics and potential of shallow geothermal resources in provincial capital cities of China ..... *WANG Wanli, WANG Guiling, ZHU Xi, et al*(1062)

Research on formation mode and development potential of geothermal resources in Beijing– Tianjin– Hebei region ..... *WANG Guiling, ZHANG Wei, LIN Wenjing, et al*(1074)

### Reviews

General ideas for urban geological survey in China and key theory and techniques ..... *LIN Liangjun, LI Yamin, GE Weiya, et al*(1086)

The tectonic features and evolution of the west Pacific margin ..... *LI Xuejie, WANG Zhe, YAO Yongjian, et al*(1102)

### Research Articles

The evolution characteristics and mechanism of the land subsidence in typical areas of the North China Plain ..... *GUO Haipeng, BAI Jinbin, ZHANG Youquan, et al*(1115)

Characteristics and regionalization of geothermal resources in Beijing ..... *LIU Kai, WANG Shanshan, SUN Ying, et al*(1128)

Petrological, geochemical and geochronological features of Lailishan granitoids in western Yunnan and their genesis of partial melting of crustal source ..... *SUN Zhuanrong, DONG Guochen, ZHAO Zuoxin, et al*(1140)

Ages, origin and geological implications of the volcanic rocks in the Baoligaomiao Formation of East Ujimqin Banner, Inner Mongolia ..... *HE Fubing, WEI Bo, XU Jixiang, et al*(1159)

Origin and tectonic implications of Kangding intrusive complexes in Sichuan Province: Evidence from zircon Hf isotope ..... *KANG Huan, LI Dapeng, CHEN Yuelong, et al*(1175)

An analysis of U– Pb dating of detrital zircons and modes of occurrence of uranium minerals in the Zhiluo Formation of northeastern Ordos Basin and their indication to uranium sources ..... *CHEN Yin, FENG Xiaoxi, CHEN Lulu, et al*(1190)

Petrological and mineralogical characteristics of the Xiangshanzhong mafic– ultramafic intrusion in eastern Tianshan Mountains: Constrains on rock–forming and ore–forming processes ..... *WANG Bolin, LI Wenyuan, ZHANG Zhaowei, et al*(1207)

A study of an integrated anomaly model and an exploration model for uranium exploration in Yuhuashan area, Jiangxi Province ..... *ZHONG Fujun, PAN Jiayong, XIA Fei, et al*(1234)

**Discoveries and Development**

- The discovery of the Late Ordovician Zircon U–Pb dating in Tarim Basin  
..... *MA Qingyou, LIAO Zhiyong, TANG Zhaoxing*(1251)
- The discovery of Carboniferous shale gas in Qianziye–1 well of Qianan (southern Guizhou) depression  
..... *YUAN Kun, WANG Chao, QIN Yinglun, et al*(1253)
- The discovery of light oil in the Lower Jurassic siliceous rocks of eastern Sanjiang Basin  
..... *ZHANG Wenhao, WANG Dandan, MENG Yuanlin, et al*(1255)
- Benthic macroscopic phototrophs of the Cryogenian in Shennongjia that survived in interglacial period between Sturtian and Marinoan glaciations ..... *KUANG Hongwei, LIU Yongqing, PENG Nan, et al*(1257)

**News and Highlights**

- The discovery of Dali skull probably leads to rewriting of human evolution history ..... (1085)
- The world’s largest conglomerate oil field discovered in Junggar Basin, Xinjiang ..... (1174)
- Slow seismic episodic trembling and slow gliding: characteristics, genesis and new research progress ... (1259)
- The skin of Sinosauroptryx has decorative pattern..... (1261)