

# 地质论评

2013年 第59卷 第2期  
目次

## 问题讨论

- 峨眉山地幔柱轴部位置的讨论 ..... 李宏博,张招崇,李永生,汪云峰(201)
- 燕山地区密云—喜峰口断裂的东延问题探讨 ..... 朱卫平,王艳,赵百民,徐璐平,丛丽娟,姚国涛(209)
- 广西桂林南边村上泥盆统沉积灰岩脉研究 ..... 彭阳,陆刚,胡贵昂(217)
- 西藏班公湖岛弧带晚白垩世地壳伸展期间碳的壳内循环 ..... 宋扬,曲晓明,辛洪波,王志云,杜德道(225)
- 新疆准噶尔北缘玉勒肯哈腊苏铜(钼)矿成矿流体研究 ..... 耿新霞,杨富全,张志欣,刘锋,柴凤梅,高文娟(235)
- 中国4.0 ka BP年前后气候的空间分布特征及其对史前文明变迁的影响 ..... 彭亚君,孙千里,陈静,李茂田(248)
- 甘肃靖远宝积山地区上三叠统南营儿群底部凝灰岩锆石 SHRIMP U-Pb 年龄及其地层学意义 .....  
..... 辛补社,杨华,付金华,王多云,姚泾利,张瑜,左博(267)
- 黔东南西溪堡锰矿的沉淀形式与含锰层位中黄铁矿异常高  $\delta^{34}\text{S}$  值的成因 .....  
..... 张飞飞,朱祥坤,高兆富,程龙,彭乾云,杨德智(274)
- 胜利油区牛庄洼陷沙河街组烃源岩和砂岩的协同成岩作用及其石油地质意义 .....  
..... 张雪芬,陆现彩,张林晔,刘庆,马野牧,徐士进(287)
- 塔里木盆地顺托果勒地区柯坪塔格组下段勘探新发现及其启示 ..... 张云龙,蒲仁海,云露,孙乃泉,代振龙,张少华(300)
- 论古岩溶洞穴型储层三维地质建模——以塔河油田四区奥陶系储层为例 .....  
..... 马晓强,侯加根,胡向阳,刘钰铭,邹婧芸,赵彬(315)
- 三维大地电磁测深在库车坳陷库车组岩性判别中的应用 ..... 李鑫,钟大康,李勇,雷刚林,杨宪彰,吴超,余强(325)

## 研究进展

- 湘中长安组碎屑锆石 LA-ICP-MS U-Pb 年龄及其地质意义 ..... 杜秋定,汪正江,王剑,卓皆文,谢尚克,邓奇,杨非(334)
- 北秦岭河南省南召县水洞岭铜锌矿形成机制 ..... 徐兆文,陆现彩,陈伟,陈进全,马野牧,王浩(345)
- 豫西磨沟正长岩 LA-ICP-MS 锆石 U-Pb 年代学及 Hf 同位素 ..... 卢仁,梁涛,白凤军,卢欣祥(355)
- 闽西南虎岗地区晚中生代花岗岩 LA-MC-ICP-MS 锆石 U-Pb 年龄、地球化学特征及地质意义 .....  
..... 沈莽庭,周延,张晓东,武彬(369)
- 东天山红石金矿床石英 Rb-Sr 同位素定年 ..... 孙敬博,张立明,陈文,李华芹,张彦,刘新宇,李洁,张斌(382)
- 川中龙岗地区下侏罗统自流井组大安寨段湖相混合沉积及其致密油勘探意义 .....  
..... 丁一,李智武,冯逢,翟中华,孙玮,汤聪,张葳,张长俊,刘树根(389)

## 通讯资料 · 消息报道

- 当前国际地质编图的一些动态 ..... 李廷栋(208,216)
- 库车盆地古近系蒸发岩中钾盐矿物研究进展 ..... 刘成林,焦鹏程,宣之强,曹养同,赵宪福(233)
- 最长寿地质学家崔克信先生辞世 ..... (266)
- 中国与地质学有关主要期刊2011年度核心影响因子和核心总被引频次 ..... (368)

# GEOLOGICAL REVIEW

Vol. 59 No. 2 2013

## CONTENTS

### Discussion

- The Location of the Tail of Emeishan Mantle Plume ..... LI Hongbo, ZHANG Zhaochong, Li Yongsheng, Wang Yunfeng (208)
- A Discussion on Eastward Extension of the Miyun—Xifengkou Fault .....  
..... ZHU Weiping, WANG Yan, ZHAO Baimin, XU Luping, CONG Lijuan, YAO Guotao (216)
- Study on Carbonate Limestone dykes (Neptunian Dykes) of Upper Devonian in Nanbiancun, Guilin, Guangxi .....  
..... PENG Yang, LU Gang, HU Guiang (222)
- The Crustal Carbon Cycling in the Late Cretaceous Extension of Bangong Lake Arc Zone in the Xizang (Tibetan) plateau .....  
..... SONG Yang, QU Xiaoming, XIN Hongbo, WANG Zhiyun, DU Dedao (233)
- Ore-forming Fluid of Yulekenhalasu Cu—Mo Deposit on the Northern Margin of Junggar Basin, Xinjiang .....  
..... GENG Xinxia, YANG Fuquan, ZHANG Zhixin, LIU Feng, CHAI Fengmei, GAO Wenjuan (247)
- Spatial Characteristics of Climate around 4.0 ka BP and Its Impacts on the Evolution of Prehistoric Civilization in China .....  
..... PENG Yajun, SUN Qianli, CHEN Jing, LI Maotian (266)
- SHRIMP U-Pb Zircon Age and Its Stratigraphic Significance of Tuff at the Bottom of the Upper Triassic Nanying'er Group, Mount  
Baoji Area, Jingyuan County, Gansu Province .....  
..... XIN Bushe, YANG Hua, FU Jinhua, WANG Duoyun, YAO Jingli, ZHANG Yu, ZUO Bo (273)
- Implication of the Precipitation Mode of Manganese and Ultra-high  $\delta^{34}\text{S}$  Values of Pyrite in Mn-carbonate of Xixibao Mn Ore Deposit  
in northeastern Guizhou province .....  
..... ZHANG Feifei, ZHU Xiangkun, GAO Zhaofu, CHENG Long, PENG Qianyun, YANG Dezhi (286)
- Diagenesis of Source Rocks and Sandstones of Shahejie Formation and Their Petroleum Geological Significance in the Niuzhuang  
Sub-Sag, Shengli Oil Field ..... ZHANG Xuefen, LU Xiancai, ZHANG Linye, LIU Qing, MA Yemu, XU Shijin (299)
- The New Oilfield Discoveries and Exploration Revelations for Lower Member of Kepingtage Formation in Shuntuoguole Regions,  
Tarim Basin ..... ZHANG Yunlong, PU Renhai, YUN Lu, SUN Naiquan, DAI Zhenlong, ZHANG Shaohua (314)
- Discussion on 3D Geological Modeling of Palaeokarst Cave Reservoir—A Case Study of Ordovician Reservoir of the 4th Block in  
the Tahe Oilfield ..... MA Xiaoqiang, HOU Jiagen, HU Xiangyang, LIU Yuming, ZOU Jingyun, ZHAO Bin (324)
- Application of 3D Magnetotelluric in Lithologic Identification of the Kuqa Formation in Kuqa Depression .....  
..... LI Xin, ZHONG Dakang, LI Yong, LEI Ganglin, YANG Xianzhang, WU Chao, YU Qiang (333)

### Research Progress

- LA-ICP-MS U-Pb Ages of Detrital Zircons from the Neoproterozoic Chang'an Formation in Central Hunan and Its  
Geological Implications .....  
..... DU Qiuding, WANG Zhengjiang, WANG Jian, ZHUO Jiewen, XIE Shangke, DENG Qi, YANG Fei (344)
- Metallogenesis of the Shuidongling Cu—Zn Deposit in Nanzhao County, Northern Qinling Mountains .....  
..... XU Zhaowen, LU Xiancai, CHEN wei, CHEN Jinquan, MA Yemu, WANG Hao (354)
- LA-ICP-MS U-Pb Zircon Age and Hf Isotope Composition of Mogou Syenite, Western Henan Province .....  
..... LU Ren, LIANG Tao, BAI Fengjun, LU Xinxiang (367)
- LA-MC-ICP-MS Zircon U-Pb Dating, Geochemical Features of the Two granites in Hugang Area, Southwestern Fujian and  
Their Geological Significances ..... SHENG Mangting, ZHOU Yan, ZHANG Xiaodong, WU Bin (381)
- Quartz Rb-Sr Isotopic Dating of Hongshi Gold Deposit in East Tianshan Mountains .....  
..... SUN Jingbo, ZHANG Liming, CHEN Wen, Li Huaqin, ZHANG Yan, LIU Xinyu, LI Jie, ZHANG Bin (388)
- Mixing of Lacustrine Siliciclastic—Carbonate Sediments and Its Significance for Tight Oil Exploration in the Daanzhai  
Member, Ziliujing Formation, Lower Jurassic, in Longgang Area, Central Sichuan Basin .....  
..... DING Yi, LI Zhiwu, FENG Feng, ZHAI Zhonghua, SUN Wei, TANG Cong, ZHANG Wei, ZHANG Changjun, LIU Shugen (399)

### Correspondence • Reference • News Report

- Some Development of Geological Map Compiling in the World ..... LI Tingdong (208, 216)

---

Research Progress of Sylvite in the Paleogene Evaporates in Kuqa Basin .....	
..... LIU Chengling, JIAO Pengcheng, XUAN Zhiqiang, CAO Yangtong, ZHAO Xianfu (233)	
Prof. Cui Kexin, the Geologist with Longgest – life, Passaway .....	(266)
2011 ' s Impact Factors and Total Cited Frequencies of the Main Chinese Academic Core Periodicals Related to Geology (368)	

**(Excutive editors of this issue: ZHANG Yuxu, HUANG Min; Figures editor: LI Jie)**

# 《地质论评》编辑委员会 Editorial Committee of GEOLOGICAL REVIEW

主 编 **Editor in Chief:** 任纪舜 REN Jishun  
 副主编 **Deputy Editor in Chief:** 周新民 ZHOU Xinmin 韩家懋 HAN Jiamao 顾家裕 GU Jiayu  
 聂凤军 NIE Fengjun 史晓颖 SHI Xiaoying

## 委 员 (以姓氏拼音为序) Members of Editorial Committee

安芷生 AN Zhisheng	陈 骏 CHEN Jun	陈 旭 CHEN Xu	陈江峰 CHEN Jiangfeng
邓起东 DENG Qidong	董树文 DONG Shuwen	杜乐天 DU Letian	顾家裕 GU Jiayu
韩家懋 HAN Jiamao	侯增谦 HOU Zengqian	李干生 LI Gansheng	李廷栋 LI Tingdong
李献华 LI Xianhua	刘敦一 LIU Dunyi	骆华宝 LUO Huabao	马宗晋 MA Zongjin
聂凤军 NIE Fengjun	钱祥麟 QIAN Xianglin	乔秀夫 QIAO Xiufu	任纪舜 REN Jishun
史晓颖 SHI Xiaoying	舒德干 SHU Degan	涂光炽 TU Guangchi	汪品先 WANG Pinxian
王 驹 WANG Ju	王京彬 WANG Jingbin	王铁冠 WANG Tieguan	肖序常 XIAO Xuchang
张国伟 ZHANG Guowei	张宗祜 ZHANG Zonghu	赵 越 ZHAO Yue	赵鹏大 ZHAO Pengda
赵一鸣 ZHAO Yiming	郑绵平 ZHENG Mianping	周新民 ZHOU Xinmin	

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

编辑部主任 **Chief Editor of the Department** 章雨旭 ZHANG Yuxu 郝梓国 HAO Ziguo

## 编辑部成员 Members of Editorial Department

郝梓国 HAO Ziguo 黄敏 HUANG Min 章雨旭 ZHANG Yuxu 周健 ZHOU Jian

## 地 质 论 评

### DIZHI LUNPING

(双月刊, 1936年创刊)

第59卷 第2期 2013年3月15日出版

## GEOLOGICAL REVIEW

(Bimonthly, Started in 1936)

Vol. 59 No. 2

Published on March 15, 2013

主 管 中国科学技术协会  
 主 办 中国地质学会  
 编 辑 《地质论评》编辑委员会  
 地 址: 北京阜成门外百万庄路26号  
 邮政编码: 100037; 电话: 010-68999804  
 电子信箱: georeview@cags.ac.cn  
 网 址: www.geojournals.cn/georev

主 编 任 纪 舜  
 出 版 科 学 出 版 社  
 100717, 北京东黄城根北街16号

排 版 《地质论评》编辑部  
 印刷装订 北京奇良海德印刷有限公司  
 总发行处 北京报刊发行局  
 订购处 全国各邮电局  
 国外总发行 中国国际图书贸易总公司  
 (中国国际书店)  
 北京399号信箱, 邮政编码100044

Competent Authorities: China Association for Science and Technology  
 Sponsored by Geological Society of China  
 Edited by Editorial Committee of GEOLOGICAL REVIEW, 26, Baiwanzhuang Road, Beijing, 100037; Tel.: 010-68999804;  
 Email: georeview@cags.ac.cn  
 Website: www.geojournals.cn/georev

Editor in chief REN Jishun  
 Published by Science Press, 16, Donghuangchenggen North Street, Beijing, 100717, China  
 Composed by Editorial Department of GEOLOGICAL REVIEW  
 Printed by Beijing QL - Art Printing Co. Ltd.  
 Distributed by Beijing Bureau for Distribution of Newspapers and Journals

Subscription handled by Local Post Offices of China  
 Distributed abroad by China International Book Trading Corporation (Guoji Shudian)  
 P. O. Box 399, Beijing 100044, China  
 International Periodical No: BM337

刊号: ISSN 0371-5736 国内邮发代号: 2-382 国外发行代号: BM337 定价: 50.00元  
 CN 11-1952/P

国内外公开发行

ISSN 0371-5736



9 770371 573137