

# 地质科学

DIZHI KEXUE

第58卷 第1期 2023年1月

## 目次

|  |                      |
|--|----------------------|
| 分层滑脱：羌塘盆地构造研究的新概念 .....                          |                      |
| ..... 何登发 王成善 管树巍 李传新 王 瑜 开百泽 梅庆华 贺鸿冰(1)         |                      |
| 四川盆地西北地区构造变形特征、演化及油气地质意义 .....                   | 冉 崎 雷 程 陈 康          |
| ..... 张本健 梁 瀚 韩 嵩 曾 鸣 刘晓兵 皮学军 管树巍(18)            |                      |
| 川西梓潼地区深层走滑断裂的发现及勘探意义 .....                       |                      |
| ..... 李英强 卞昌蓉 李双建 刘光祥 孙 炜 张 磊 李 智(36)            |                      |
| 川东北何家营地区三维构造模型：来自高精度线束三维资料的约束 .....              | 张伟康 黄涵宇(51)          |
| 四川盆地中部高陡断裂构造变形特征与断裂性质 .....                      |                      |
| ..... 田方磊 赵小辉 刘 欢 何登发 鲁 国 张巧依(70)                |                      |
| 四川盆地构造沉降特征及成因机制分析 .....                          | 鲁 国 何登发 开百泽(86)      |
| 准噶尔盆地东北缘石炭系年代—地层格架：对卡拉麦里洋闭合时限的启示 .....           |                      |
| ..... 杨 浩 李 涤 侯烁钦 樊 丹 何登发(105)                   |                      |
| 准噶尔盆地腹部二叠系地震波组特征及其地质意义 .....                     | 殷树铮 张奎华 于洪洲 张 磊(124) |
| 准噶尔盆地石英滩凸起正反构造及成因机制 .....                        |                      |
| ..... 甄 宇 何登发 张奎华 于洪洲 殷树铮(136)                   |                      |
| 呼图壁背斜构造模型和成因机制 .....                             | 邓好婷 何登发 张奎华 齐雪峰(154) |
| 鄂尔多斯盆地中东部中深层波组特征及地质意义 .....                      | 毛丹凤 何登发(165)         |
| 鄂尔多斯盆地西缘马家滩地区构造沉降特征与三叠纪延长期的盆地属性 .....            |                      |
| ..... 开百泽 何登发 周 磊(180)                           |                      |
| 鄂尔多斯盆地西南缘早志留世酸性凝灰岩的确定及其构造意义 .....                |                      |
| ..... 陈 卓 罗金海 畅莹磊 孙敏敏 孙 慧(197)                   |                      |
| 北秦岭地区三叠纪南召盆地演化及成因机制探讨 .....                      | 许艳华 何登发 成 祥 苟钧壹(214) |
| 渤海湾盆地廊固凹陷杨税务潜山带地质结构与构造演化 .....                   |                      |
| ..... 刘冠伸 何登发 鲁人齐 张煜颖 单帅强(226)                   |                      |
| 吕梁地区临县东部汉高山群构造演化特征浅析 .....                       | 苟钧壹 何登发(240)         |
| 吕梁隆起中段冲断构造解析 .....                               | 石 婧(248)             |
| 阿姆河右岸区域构造大剖面解析及成因探讨 .....                        |                      |
| ..... 李 智 李英强 何登发 李双建 梅庆华 张志业(259)               |                      |
| 苏丹 Fula 凹陷 Fula-Moga 变换构造特征分析 .....              |                      |
| ..... 王彦奇 张光亚 魏国齐 陈竹新 任 荣 黄彤飞 喻志骅 刘计国 万宜迪(273)   |                      |
| 台湾中央山脉东部变质作用及热演化：玉里缝合带的俯冲折返作用 .....              |                      |
| ..... 张艺琼 何登发 Kamil Ustaszewski 赵 伦 计智锋 王 震(289) |                      |
| Muglad 盆地 Unity 凹陷及邻区 AG2 段沉积相与沉积模式分析 .....      |                      |
| ..... 喻志骅 刘计国 张光亚 黄彤飞 王彦奇(305)                   |                      |

封面照片拍摄地：鄂尔多斯盆地西缘，宁夏石嘴山市  
照片提供者：何登发

(责任编辑：李晓杰)

**CHINESE JOURNAL OF GEOLOGY**  
**(SCIENTIA GEOLOGICA SINICA)**  
**(DIZHI KEXUE)**

**Vol.58, No.1, January, 2023**

**CONTENTS**

|  |  |
|--|--|
| Stratified detachment deformation: New concept for studies on the tectonics of Qiangtang Basin<br>..... He Dengfa Wang Chengshan Guan Shuwei Li Chuanxin<br>..... Wang Yu Kai Baize Mei Qinghua He Hongbing ( 17 )                         |  |
| Structural styles, evolution and their oil-gas geological significance in the northwestern Sichuan Basin<br>..... Ran Qi Lei Cheng Chen Kang Zhang Benjian<br>..... Liang Han Han Song Zeng Ming Liu Xiaobing Pi Xuejun Guan Shuwei ( 34 ) |  |
| Discovery of deep strike-slip faults and its exploration significance in Zitong area, western Sichuan Basin<br>..... Li Yingqiang Bian Changrong Li Shuangjian Liu Guangxiang<br>..... Sun Wei Zhang Lei Li Zhi ( 50 )                     |  |
| 3-D structural model of the Hejiaying area, northeastern Sichuan Basin: Constraint from high-resolution<br>line-bound 3-D seismic data ..... Zhang Weikang Huang Hangyu ( 69 )   |  |
| Structural characteristics and fault properties of deep-rooted and steep faults in the central Sichuan Basin<br>..... Tian Fanglei Zhao Xiaohui Liu Huan He Dengfa Lu Guo Zhang Qiaoyi ( 85 )  |  |
| Tectonic subsidence characteristics of Sichuan Basin and its enlightenment to basin genesis<br>..... Lu Guo He Dengfa Kai Baize (104)  |  |
| Carboniferous chronostratigraphic framework in the northeastern margin of the Junggar Basin: Implications<br>for the closure time of Karamaili Ocean .....<br>..... Yang Hao Li Di Hou Shuoqin Fan Dan He Dengfa (123)                     |  |
| Characteristics and its geological significance of seismic wave group of Permian in the central Junggar Basin<br>..... Yin Shuzheng Zhang Kuihua Yu Hongzhou Zhang Lei (135)   |  |
| Positive inversion structure and formation mechanism of Shiyingtian Uplift in Junggar Basin .....<br>..... Zhen Yu He Dengfa Zhang Kuihua Yu Hongzhou Yin Shuzheng (153)   |  |
| Hutubi anticline structure model and mechanism .....<br>..... Deng Yuting He Dengfa Zhang Kuihua Qi Xuefeng (164)  |  |
| The characteristics of seismic waves and its geological significance of mid-depth layers in mid-eastern<br>Ordos Basin ..... Mao Danfeng He Dengfa (179)   |  |
| Tectonic subsidence characteristics and the basin attribute of Triassic Yanchang Period of Majiatan area<br>in the western margin of Ordos Basin ..... Kai Baize He Dengfa Zhou Lei (196)  |  |
| Determination of the Early-Silurian acid tuff at the southwestern margin of the Ordos Basin and its tectonic<br>significances ..... Chen Zhuo Luo Jinhai Chang Yinglei Sun Minmin Sun Hui (213)  |  |
| Discussion on evolution and formation mechanisms of Triassic Nanzhao Basin in North Qinling tectonic belt<br>..... Xu Yanhua He Dengfa Cheng Xiang Gou Junyi (225)   |  |
| Geological structure and tectonic evolution of Yangshuiwu buried-hill belt in Langgu Sag, Bohai Bay Basin<br>..... Liu Guanshen He Dengfa Lu Renqi Zhang Yuying Shan Shuaiqiang (238)  |  |
| Tectonic evolution characteristics of Hangaoshan Group in eastern Linxian, Lüliang area .....<br>..... Gou Junyi He Dengfa (247)   |  |
| Analysis of thrust tectonics of the middle segment of the Lüliang Uplift ..... Shi Jing (258)  |  |
| Analysis of structural cross section of the Amu Darya Right Bank and discussion on causes .....<br>..... Li Zhi Li Yingqiang He Dengfa Li Shuangjian Mei Qinghua Zhang Zhiye (272)   |  |
| Characteristics analysis of the Fula-Moga transfer zone of the Fula sag, Sudan .....<br>..... Wang Yanqi Zhang Guangya Wei Guoqi Chen Zhuxin<br>..... Ren Rong Huang Tongfei Yu Zhihua Liu Jiguo Wan Yidi (288)                            |  |
| Thermal evolution of the metamorphism in the eastern Taiwan Central Range: Implications for Yuli Belt<br>exhumation ..... Zhang Yiqiong He Dengfa<br>..... Kamil Ustaszewski Zhao Lun Ji Zhifeng Wang Zhen (304)                           |  |
| Sedimentary facies and model of second member of AG Formation, Unity Sag and adjacent area in Muglad<br>Basin ..... Yu Zhihua Liu Jiguo Zhang Guangya Huang Tongfei Wang Yanqi (318)   |  |

**( Executive Editor : Li Xiaojie )**