

# 目 次

地质力学学报

2021 年 2 月 第 27 卷

第 1 期

(双月刊)

主 编

邢树文

副主编

马寅生 胡健民 刘晓春

王根厚 谭成轩 韩润生

吴中海 孙知明 郭 涛

王宗秀 (常务)

编辑部主任

吴 芳

责任编辑

陈正乐

责任编辑

王 靖

英文编辑

王 靖

期刊基本参数

CN11-3672/P\*19

95\*q\*16\*158\*zh

\*P\*¥50.00\*800\*14\*2021-02

投稿网址

<https://journal.geomech.ac.cn>

E-mail

dzlx@vip.163.com

## 地应力与构造应力场

- 川西须家河组致密砂岩高温后的物理力学特征参数试验研究  
..... 于鑫, 李皋, 陈泽, 张毅 (1)  
页岩各向异性力学特性微观测试方法研究  
.... 贾锁刚, 万有余, 王倩, 刘世铎, 刘又铭, 王志晟, 叶禹, 齐春艳 (10)

## 能源地质

- 渤海西部沙东南构造带东营组古地貌特征及对沉积的控制作用  
..... 康海亮, 林畅松, 牛成民 (19)  
鄂尔多斯盆地合水地区长 6 致密砂岩储层现今地应力分布特征及其开发建议  
..... 刘建, 惠晨, 樊建明, 吕文雅, 王继伟, 尹陈, 王浩南 (31)  
遥感影像地表温度反演与地热资源预测——以石家庄地区为例  
..... 辛磊, 刘新星, 张斌 (40)

## 矿田构造及成矿

- 北部湾盆地乌石凹陷东区断裂类型及其形成演化  
..... 吴孔友, 刘煜磊, 胡德胜, 刘寅, 张帅, 崔立杰 (52)

## 地质灾害与工程地质

- 利用地面 LiDAR 精细化测量活断层微地貌形态——以毛垭坝断裂带尼处  
断层崖为例  
..... 张迪, 李家存, 吴中海, 刘绍堂, 卢燕 (63)  
硬土软岩滑坡近水平滑移的离心机模型试验研究  
..... 胡乐, 辛鹏, 王涛, 梁昌玉, 李从安 (73)  
青海省河湟谷地地质灾害易发性评价  
..... 赵东亮, 兰措卓玛, 侯光良, 许长军, 李万志 (83)  
西南山区某铁路隧道口高位落石三维运动特征分析  
..... 王栋, 王剑锋, 李天斌, 曾鹏, 马俊杰, 陈伟 (96)

## 第四纪地质与环境

- 山东蒙山九龙潭冰川堆积“垄槽序列”的特征及演化过程研究——兼论冰  
川、泥石流堆积序列的差异性  
..... 王照波, 王江月, 何乐龙, 张剑, 赵向阳, 李宝杰 (105)  
鲁中南地区古近系朱家沟组水文地质特征及富水模式  
..... 李波, 宋一心, 高菡, 吴璇, 关琴, 刘春伟 (117)

## 基础地质与区域地质

- 磷灰石裂变径迹退火影响因素研究进展  
..... 程璐瑶, 唐晓音, 李毅 (127)  
内蒙古高尧乌拉白音高老组地质及年代学特征  
..... 董培培, 李英杰, 王根厚, 辛后田, 王金芳, 李红阳 (135)  
中国近代地质史话——中国石油大学(北京)“地质学论坛”交流报告  
..... 刘瑞珣  
2019-2020 年《地质力学学报》刊文特征及期刊指标分析  
2021 年《地质力学学报》栏目介绍

# CONTENTS

JOURNAL OF  
GEOMECHANICS  
February 2021  
Vol. 27 No.1  
(Bimonthly)

**Editor-in-Chief**

XING Shuwen

**Associate**

**Editors-in-Chief**

MA Yinsheng

HU Jianmin

LIU Xiaochun

WANG Genhou

TAN Chengxuan

HAN Runsheng

WU Zhonghai

SUN Zhiming

GUO Tao

WANG Zongxiu(Executive)

**Chief Editor of  
the Office**

WU Fang

**Executive**

**Chief Editor**

CHEN Zhengle

**Executive Editor**

WANG Jing

**English Abstract  
handled by**

WANG Jing

- Experimental study on physical and mechanical characteristics of tight sandstones in the Xujiahe Formation in western Sichuan after high-temperature exposure ..... YU Xin, LI Gao, CHEN Ze, ZHANG Yi (1)
- Research on the micro-scale method for testing the mechanical anisotropy of shale ..... JIA Suogang, WAN Youyu, WANG Qian, LIU Shiduo, LIU Youming, WANG Zhicheng, YE Yu, QI Chunyan (10)
- Ancient landform of the Dongying formation in the Shadongnan structural zone, western Bohai Sea area and its control on the sedimentation ..... KANG Hailiang, LIN Changsong, NIU Chengmin (19)
- Distribution characteristics of the present-day in-situ stress in the Chang 6 tight sandstone reservoirs of the Yanchang Formation in the Heshui Area, Ordos Basin, China and suggestions for development ..... LIU Jian, HUI Chen, FAN Jianming, LYU Wenya, WANG Jiwei, YIN Chen, WANG Haonan (31)
- Land surface temperature retrieval and geothermal resources prediction by remote sensing image: A case study in the Shijiazhuang area, Hebei province ..... XIN Lei, LIU Xinxing, ZHANG Bin (40)
- Types and evolution of faults in the east area of the Wushi Sag, Beibuwan Basin ..... WU Kongyou, LIU Yulei, HU Desheng, LIU Yin, ZHANG Shuai, CUI Lijie (52)
- Using terrestrial LiDAR to accurately measure the micro-geomorphologic geometry of active fault: A case study of fault scarp on the Maoyaba fault zone ..... ZHANG Di, LI Jiacun, WU Zhonghai, LIU Shaotang, LU Yan (63)
- Centrifuge model tests on the near-horizontal slide of hard soil-soft rock landslides ..... HU Le, XIN Peng, WANG Tao, LIANG Changyu, LI Congan (73)
- Assessment of geological disaster susceptibility in the Hehuang Valley of Qinghai Province ..... ZHAO Dongliang, LANCUO Zhuoma, HOU Guangliang, XU Changjun, LI Wanji (83)
- Analysis of three-dimensional movement characteristics of rockfall: A case study at a railway tunnel entrance in the southwestern mountainous area, China ..... WANG Dong, WANG Jianfeng, LI Tianbin, ZENG Peng, MA Junjie, CHEN Wei (96)
- Characteristics and evolution process of the ridge-groove sequence of the Jiulongtan glacial accumulation in Mengshan, Shandong: with the discussion on the difference of accumulation sequence of glacier and debris flow ..... WANG Zhaobo, WANG Jiangyue, HE Lelong, ZHANG Jian, ZHAO Xiangyang, LI Baojie (105)
- Hydrogeological characteristics and water yield pattern of the Paleogene Zhujiagou formation in south-central Shandong Province ..... LI Bo, SONG Yixin, GAO Han, WU Xuan, GUAN Qin, LIU Chunwei (117)
- Research progress of factors affecting apatite fission track annealing ..... CHENG Luyao, TANG Xiaoyin, LI Yi (127)
- Geological and chronological characteristics of the Baiyin'gaolao Formation in Gaoyaowula, Inner Mongolia ..... DONG Peipei, LI Yingjie, WANG Genhou, XIN Houtian, WANG Jinfang, LI Hongyang (135)