

地 震 研 究

2026 年 4 月

第 49 卷

第 2 期

总第 218 期

目 次

- 2022 年云南红河 $M_s5.0$ 地震震源参数测定 李 姣, 姜金钟, 顾慧冬, 叶 泵 (177)
- 2024 年广西天峨 $M_s4.4$ 地震震源参数研究 莫丽桦, 盛敏汉, 储日升, 杨 婕 (190)
- 基于图像信息算法的 2024 年新疆乌什 $M_s7.1$ 地震回溯性预测研究
..... 袁伏全, 黄 浩, 徐玮阳, 张晓清, 刘兴盛 (198)
- 晋冀蒙交界地区流动重力变化的小波分解
..... 王泽源, 罗翔飞, 谢汝一, 冯建林, 何 辛, 姬计法, 郝鹏飞, 刘冬阳 (207)
- 基于噪声水平分析的云南地震台网数据质量评估
..... 李凤英, 张天继, 李文涛, 朱 杰, 曹 颖, 赵至柔 (214)
- 内蒙古黑岱沟露天煤矿近场非天然地震事件的识别与应用
..... 唐晓骞, 张瑞新, 陈 浩, 刘 芳, 翟 浩, 舒 雷, 贾彦杰, 周焯超, 赵艳红,
苏日亚, 魏建民, 尚立坚, 郭 伟, 张 茜, 贾昕晔, 吴卫远, 戴怡茹 (224)
- 基于前馈控制的精密可控震源重力扰动补偿方法 张 强, 刘家璇, 洪 利, 周银兴, 张钰梓 (233)
- 一种改进的提拉落锤式人工震源装置 李泉良, 刘少林, 申文豪, 汪文帅 (244)
- 基于地震动模拟的东北地震构造区地震动预测模型 马 周, 强生银, 温瑞智, 任叶飞 (252)
- 基于小波包变换的速度脉冲地震动随机合成模型 汪维依, 温瑞智, 冀 昆, 任叶飞 (262)
- 2024 年中国台湾花莲地震高烈度台站加速度记录反应谱特征 张潇男, 王海云, 王苏阳 (272)
- 超设计基准地震作用下安全壳结构振动台试验
..... 裴 强, 邸嘉星, 钟颖竹, 祁鹏飞, 丁 彧, 王 波 (281)
- 2008 年汶川 8.0 级地震北川老县城某底商多层建筑倒塌原因分析
..... 王 波, 阙小勇, 宣 越, 阿拉塔, 梁辉明, 朱 祺 (291)
- 改进的供水系统抗震韧性评价框架 郭恩栋, 王庆欣, 吴厚礼, 于天洋 (302)
- 罕遇地震作用下深厚覆盖层上土石混合体高填方人工半岛动力反应及抗震性能分析
..... 裴志勇, 王 夏, 董明名, 邓小芹, 方火浪 (312)
- 二阶刚度增强型金属连梁阻尼器减震设计方法研究 刘伟龙, 杨伟松, 张 安, 吴宦龙 (323)
- 基于贝叶斯网络的百年混凝土框架结构损伤评估
..... 刘 卉, 王 征, 刘 明, 杨昕天, 刘 杰 (334)
- 云南施甸地区特殊土地地震动响应特性 胡德杰, 王宪杰, 谢 巍, 王林建, 华 钧 (344)

责任编辑: 郝 洁 编 辑: 武晓芳 张晓曼 余庆坤 宗云婷

英文译校: 余庆坤

[期刊基本参数] CN53 - 1062/P * 1978 * q * A4 * 175 * zh * P * ¥10.00 * 1000 * 19 * 2026 - 04 * d

JOURNAL OF SEISMOLOGICAL RESEARCH

Vol. 49 No. 2 Series No. 218 April, 2026

CONTENTS

- Focal Depth Determination of the 2022 Honghe, Yunnan M_s 5.0 Earthquake and Its Seismogenic Mechanism
..... LI Jiao, JIANG Jinzhong, GU Huidong, YE Beng (189)
- Source Parameters of the 2024 Tian'e M_s 4.4 Earthquake in Guangxi Zhuang Autonomous Region
..... MO Lihua, SHENG Minhan, CHU Risheng, Yang Jie (197)
- Study of the Retrospective Prediction of the 2024 Wushi, Xinjiang M_s 7.1 Earthquake Based on the Pattern Informatics Algorithm
..... YUAN Fuqun, HUANG Hao, XU Weiyang, ZHANG Xiaoqing, LIU Xingsheng (206)
- Study of the Wavelet Decomposition of the Mobile Gravity Change in the Border Area of Shanxi, Hebei and Inner Mongolia
..... WANG Zeyuan, LUO Xiangfei, XIE Ruyi, FENG Jianlin, HE Xin, JI Jifa, HAO Pengfei, LIU Dongyang (213)
- Evaluation of the Data Quality of Yunnan Seismic Network Based on the Noise Level Analysis
..... LI Fengying, ZHANG Tianji, LI Wentao, ZHU Jie, CAO Ying, ZHAO Zhirou (223)
- The Identification and Application of Near field Non-natural Earthquake Events in Hedaigou Open-pit Coal Mine,
Inner Mongolia TANG Xiaoqian, ZHANG Ruixin, CHEN Hao, LIU Fang, ZHAI Hao, SHU Lei, JIA Yanjie,
ZHOU Xuanchao, ZHAO Yanhong, SU Riya, WEI Jianmin, SHANG Lijian,
GUO Wei, ZHANG Qian, JIA Xinye, WU Weiyuan, DAI Yiru (232)
- A Gravity Disturbance Compensation Method for Controlled Accurate Seismic Sources Based on Feedforward Control
..... ZHANG Qiang, LIU Jiaxuan, HONG Li, ZHOU Yinxing, ZHANG Yuze (243)
- An Improved Lift-and-drop Hammer-type Artificial Seismic Source
..... LI Quanliang, LIU Shaolin, SHEN Wenhao, WANG Wenshuai (251)
- Ground Motion Prediction Model Based on Ground Motion Simulation for the Northeast China Seismic Zone
..... MA Zhou, QIANG Shengyin, WEN Ruizhi, REN Yefei (261)
- Stochastic Synthesis Model of Pulse-like Ground Motions Based on Wavelet Packet Transform
..... WANG Weiyi, WEN Ruizhi, JI Kun, REN Yefei (271)
- Response Spectrum Characteristics of the Acceleration Records of the 2024 Hualian Earthquake by Stations in High-intensity
Regions in Taiwan Province of China ZHANG Xiaonan, WANG Haiyun, WANG Suyang (280)
- Vibration Table Test of Containment Model in NPP Subjected to the Beyond Design Basis Earthquake
..... PEI Qiang, DI Jiaying, ZHONG Yingzhu, QI Pengfei, DING Yu, WANG Bo (290)
- Collapse Analysis of a Multi-storey Building with Commercial Space on the Ground Floor in Beichuan County in the 2008
Wenchuan M_s 8.0 Earthquake WANG Bo, QUE Xiaoyong, XUAN Yue, Alata, LIANG Huiming, ZHU Qi (301)
- Improved Seismic Resilience Evaluation Framework of Water Supply Systems
..... GUO Endong, WANG Qingxin, WU Houli, YU Tianyang (311)
- Dynamic Response and Seismic Performance Analysis of High-fill Artificial Peninsula with Soil-rock Mixtures on the Deep
Overburden Subjected to Rare Earthquakes
..... PEI Zhiyong, WANG Xia, DONG Mingming, DENG Xiaoqin, FANG Huolang (322)
- The Design Method of Second-order Stiffness-enhanced Metal-linked Beam Damper
..... LIU Weilong, YANG Weisong, ZHANG An, WU Huanlong (333)
- Assessment of Damage to the Centennial Concrete Frame Structure Based on the Self-learning Bayesian Network
..... LIU Hui, WANG Zheng, LIU Ming, YANG Xintian, LIU Jie (343)
- Characterization of Ground Vibration Response of Special Soil Site in Shidian area of Yunnan
..... HU Dejie, WANG Xianjie, XIE Wei, WANG Linjian, HUA Jun (351)
-