

《中国地震》第 38 卷(2022) 总目次

第 1 期

2022 年 1 月 8 日青海门源 6.9 级地震专题

- 2022 年门源 M_s 6.9 和 2016 年门源 M_s 6.4 地震序列比较分析 孟令媛 解孟雨 臧阳(1)
- 2022 年 1 月 8 日青海门源 6.9 级地震短临异常跟踪分析 冯丽丽 李霞 赵玉红 张朋涛(12)
- 2022 年 1 月 8 日青海门源 M_s 6.9 地震同震形变场及地下位错反演 万秀红 屠泓为(21)
- 2022 年 1 月 8 日青海门源 6.9 级地震的快速测定与数据产品产出
..... 支明 孙丽 杨志高 席楠 杜广宝 戴丹青 黄志斌(30)

论 文

- 中国大陆 7 级以上地震前地震活动的非线性分析 马禾青 杨明芝 丁风和 罗国富(42)
- 自适应变化幅度方法提取直视电阻率中短期异常 解滔 卢军 杜学彬(52)
- 岷江断裂带北段温泉流体地球化学特征 石宏宇 周晓成 王万丽 颜玉聪 李鹏飞 姜莉(61)
- 2001 年昆仑山口西 M_s 8.1 地震破裂时空过程的统一模型 董仁东 姚强 施贺青 王琪(80)
- 新疆及邻区体波震级初步分析研究 冉慧敏 李文倩 上官文明(91)
- 琼中台重力非潮汐变化气压与海潮负荷改正 李盛 胡久常 周雯 张慧 王慧琳 谢小玲(102)
- 芦山地震和九寨沟地震台站实测震级差异性分析 孙冬军 刘芳 毕波(112)
- 基于 MongoDB 的地震风险评估综合地情数据服务平台设计与实现
..... 杨理臣 帅向华 董翔 刘钦 李继赓(120)
- 地埋式地磁观测装置的设计与实现 张秀霞 刘高川 蒋延林 郭宇鑫
赵卫红 张骞 潘颖 高熹微 李玉(131)
- 甘肃平凉地电比测台站建设及地电阻率数据分析 赵斐 叶青 杨晓鹏 牛延平 张远富(142)
- 基于历史地震数据的地震烈度与人员死亡率相关性研究
..... 夏朝旭 聂高众 李华玥 范熙伟 周军学(153)
- 基于 STM32 的地震观测台站通用智能电源控制器的研制 李兴泉 邵玉平 刘江(166)

述 评

- 2021 年震情述评
..... 马亚伟 韩颜颜 臧阳 解孟雨 邓世广 王月 宋金 张小涛 姜祥华 史海霞 杨文(176)
- 2021 年 10—12 月全球火山活动简报 韩迪 张羽 孙立影 康建红(183)

第 2 期

地震预测方法研究专题论文

- 2021 年青海玛多 M_s 7.4 地震同震应力场与形变台站同震阶变分布关系探讨
..... 岳冲 孙玺皓 牛安福 吉平 李晓帆 赵静(189)
- 地磁日变化感应电流异常与地震的成组特征初步分析
..... 戴勇 冯志生 吴迎燕 姜楚峰 孙君嵩 章鑫 冯丽丽 李军辉(199)
- 四川理塘水温强震前异常变化特征及效能检验 田雷 王博 晏锐 周志华(213)
- 短期线状集中分布地磁日变化感应电流异常机理初步解释——以 2012 年唐山 4.8 级地震为例
..... 姜楚峰 吴迎燕 冯志生 戴勇 孙君嵩 章鑫 冯丽丽 李军辉(226)
- 地磁逐日比异常电磁学成因的进一步分析 倪晓寅 陈莹 杨锦玲(239)

地震应急灾情决策研究专题论文

- 随机 Petri 网在地震应急协同能力定量评价与动态分析中的应用 樊海刚 郭红梅 张莹 赵真 (248)
- 基于序贯博弈与贝叶斯理论的地震应急分阶段动态决策方法研究 张莹 郭红梅 赵真 陈维锋 申源 (260)
- 基于 LSTM 的震后通信数据异常检测分析 王晓湘 刘洞天 刘南江 丁一 姜立新 (270)
- 基于 Android 移动终端的北京市本地化地震应急工作平台实现与应用 郁璟贻 薄涛 刘英华 赵光 王玉婷 谭庆全 (280)
- 基于地震信息的大屏可视化技术研究与应用 李华玥 郑通彦 王魁丰 林向洋 文鑫涛 (293)

地震灾害防治与应急管理专题论文

- 基于双损失指标的地震灾度模型 徐国栋 薄景山 李巨文 丁一 (304)
- 我国应急科普研究的发展现状与展望 刘晓岚 彭麦福 (315)
- 新冠肺炎疫情背景下日本应急避难场所运营管理新动向 金英淑 (322)

论 文

- 基于全极化 Radarsat-2 影像的建筑物震害评估 缪恒 王晓青 丁玲 邵乐 (338)
- 2017 年九寨沟 M_s 7.0 地震同震地表三维形变场解算研究 祝杰 韩宇飞 王坦 李瑜 王阅兵 师宏波 刘洋洋 樊俊屹 邵银星 (348)

地震应急产品快速产出

- 2022 年 6 月 1 日四川芦山 6.1 级地震应急产品及震源参数初步分析 梁皓 戴丹青 杨志高 席楠 邓文泽 孙丽 (360)
- 2022 年 6 月 10 日四川马尔康 6.0 级地震应急产品及震源参数初步分析 张建勇 戴丹青 杨志高 席楠 邓文泽 徐泰然 孙丽 (370)

述 评

- 2022 年 1—3 月全球火山活动简报 孙立影 康建红 贾若 韩迪 (383)

第 3 期

2022 年 1 月 8 日青海门源 6.9 级地震专题论文

- 2022 年 1 月 8 日青海门源 M_s 6.9 地震震前变形特征分析 苑争一 赵静 牛安福 (389)
- 青海门源 M_s 6.9 地震井水位与水温同震响应特征分析 陶志刚 王晓 祝杰 刘洋洋 王阅兵 (399)

2022 年 9 月 5 日四川泸定 6.8 级地震专题论文

- 2022 年 9 月 5 日四川泸定 6.8 级地震初步研究结果 徐泰然 戴丹青 杨志高 席楠 邓文泽 张建勇 房立华 孙丽 (412)
- 2022 年 9 月 5 日四川泸定 M_s 6.8 地震舆情分析 薛杭 赵烽帆 荣华 (425)

综 述

- 地幔流体及其在地震孕育中的作用 杨帆 孙凤霞 刘轶男 杜建国 (432)
- 利用流体包裹体分析技术研究地震和断层活动的进展 孙凤霞 崔月菊 杨帆 刘轶男 姜莉 杜建国 (446)

论 文

- 通州地电阻率对唐山地区中强地震的映震能力分析 王同利 崔博闻 李然 王丽红 胡毅涛 邢海林 李经山 (455)
- 西藏地区地震前后地面温度特征提取分析 卢显 孟庆岩 张晓东 刘杰 任静 (464)
- 基于高分辨率地形数据的断层陡坎形态演化与强震活动关系研究 石霖 郑文俊 张岩 杨敬钧 张冬丽 黄荣 彭慧 毕海芸 唐清 (472)
- 海底地震仪自噪声分析 贾正大 李军 金星 林彬华 (486)

2020年7月12日唐山5.1级地震前高光谱多参数异常特征分析	丁志华 崔月菊 唐杰(494)
基于大数据的强震临震前地震背景噪声异常分析——以2013年芦山7.0级地震为例	郭凯 郑钰(503)
北京地区小震精定位结果初步探讨	钟世军 王治国 司政亚 孙海霞 岳晓媛 武敏捷(513)
小湾水库影响区地震活动性探讨	李丹 李黎 叶建庆(526)
基于实地调研的中国西南地区不同震级人员死亡数量研究	范照伟 聂高众 邓砚 夏朝旭 李华玥(537)
中国东部烈度衰减关系模型研究	任静 李志强 杨彦明 李华玥 黄帅堂(550)
基于可视化技术的地震信息服务系统设计与实现	侯建民 郭凯 崔满丰 翟颖 马秀丹(574)
12322地震速报短信服务平台优化设计与应用	赵国峰 李丽 马秀丹(585)
述 评	
2022年4—6月全球火山活动简报	闫东晗 盘晓东 韩迪 康建红(596)

第4期

2022年9月5日四川泸定6.8级地震专题论文

2022年四川泸定 M_s 6.8地震前地震活动与地球物理观测异常回顾与讨论	薛艳 张小涛 晏锐 刘杰 苑争一 吴永加 田雷 宋治平(601)
基于GNSS观测的泸定 M_s 6.8地震震前变形演化特征研究	苑争一 赵静 牛安福(613)
2022年9月5日四川泸定 M_s 6.8地震序列重定位研究	杨文 刘杰 解孟雨 臧阳 孟令媛 张雪梅(622)

地震应急灾情决策研究专题论文

基于MDT的地震滑坡道路可通行性空间分布快速评估方法研究	白仙富 戴雨芾 聂高众 徐硕 曾宁(632)
基于深度学习神经网络方法的中国大陆地震伤亡预测模型	朱鹏宇 程佳 杜龙(651)
多源异构地震数据的一体化编码和接口技术的设计与实现	韩万江 韩卓言 田怡凡 韩睿 邱雅颖(662)

地震预测方法研究专题论文

青海、新疆和西藏地区地震活动平静特征参数 W_0 值强震预测模式及其应用	黎明晓 王钦军 卢显 解孟雨 姚琪 薛艳 闫伟(676)
基于多源数据的机器学习在地震预测中的研究进展	朱俊清 孙珂(691)

论 文

渤海海域地震震源机制解与现今应力场特征	李欣蔚 张广伟 谢卓娟 李世杰 吕悦军(708)
2013年芦山 M_s 7.0地震震源区背景噪声源特征分析	刘艺璇 周元泽(721)
重庆荣昌井水温同震-震后响应特征及机理研究	巩浩波 来贵娟 李翠平 李光科(737)
基于融合重力异常的大别造山带东段莫霍面反演研究	黎哲君 黄显良 郑海刚 王俊 王燧坤 袁泉 谈昕(751)
2021年西藏比如6.1级地震前重力变化特征研究	郝洪涛 韦进 陈兆辉 赵云峰 张新林 刘少明 胡敏章(762)
工业开采诱发地震的应力降研究现状和主要科学议题	姜丛 尹欣欣 蒋长胜 翟鸿宇 王骞 张延保 来贵娟 尹凤玲(772)
高层医疗建筑消能减震技术应用研究	孙锐 张佳琳 于东杰(785)
时序数据库在海量地震波形数据分布式存储与处理中的应用初探	陈通 韩雪君 马延路(799)
大震地震序列自动地震速报结果分析——以云南漾濞6.4级和青海玛多7.4级地震为例	徐佳静 张建勇 梁建宏 孙丽(810)

述 评

2022年7—9月全球火山活动简报	宋雨佳 盘晓东 康建红(820)
-------------------------	------------------

EARTHQUAKE RESEARCH IN CHINA

General Contents, Vol. 38 (2022)

No. 1

Comparison of Aftershock Sequences between the 2022 Menyuan M_s 6.9 Earthquake and the 2016 Menyuan M_s 6.4 Earthquake in the Lenglongling Fault Zone	Meng Lingyuan Xie Mengyu Zang Yang(1)
A Short-term Prediction Practice on the Menyuan M 6.9 Earthquake on January 8,2022	Feng Lili Li Xia Zhao Yuhong Zhang Pengtao(12)
The Inversion of Co-seismic Deformation Field and Underground Dislocation of the Menyuan M_s 6.9 Earthquake on January 8,2022 in Qinghai Province	Wan Xiuhong Tu Hongwei(21)
Fast Determination and Data Production of the Menyuan 6.9 Earthquake on Jan 08,2022, Qinghai Province	Zhi Ming Sun Li Yang Zhigao Xi Nan Du Guangbao Dai Danqing Huang Zhibin(30)
Nonlinear Analysis on Seismic Activity before $M \geq 7.0$ Earthquakes Occurred in Chinese Mainland	Ma Heqing Yang Mingzhi Ding Fenghe Luo Guofu(42)
An Adaptive Variation Amplitude Method for Extracting Medium- and Short-term Anomalies of Apparent Resistivity	Xie Tao Lu Jun Du Xuebin(52)
Geochemical Characteristics of Hot Spring Fluids along the Minjiang Fault Zone	Shi Hongyu Zhou Xiaocheng Wang Wanli Yan Yucong Li Pengfei Jiang Li(61)
An Unified Model of Spatiotemporal Rupture Process for the 2001 West of Kunlun Mountain Pass Earthquake	Dong Rendong Yao Qiang Shi Heqing Wang Qi(80)
Preliminary Analysis and Research of Body Wave Magnitude in Xinjiang and the Adjacent Area	Ran Huimin Li Wenqian Shangguan Wenming(91)
The Air Pressure and Ocean Tide Correction of Gravity Non-tidal Changes in Qiongzong Seismic Station	Li Sheng Hu Jiuchang Zhou Wen Zhang Hui Wang Huilin Xie Xiaoling(102)
Analysis of Difference in Magnitude Measurement for 2013 Lushan Earthquake and 2017 Jiuzhaigou Earthquake	Sun Dongjun Liu Fang Bi Bo(112)
MongoDB-based Design and Implementation of Integrated Situation Data Service Platform of Earthquake Risk Assessment	Yang Lichen Shuai Xianghua Dong Xiang Liu Qin Li Jigeng(120)
Design and Test of A Buried Geomagnetic Observation Device	Zhang Xiuxia Liu Gaochuan Jiang Yanlin Guo Yuxin Zhao Weihong Zhang Qian Pan Ying Gao Xiwei Li Yu(131)
Construction of Pingliang Test Station and Analysis of Its Geo-electricity Observation Instrument in Gansu Province	Zhao Fei Ye Qing Yang Xiaopeng Niu Yanping Zhang Yuanfu(142)
Research on Correlation between Earthquake Intensity and Mortality Rate Based on Historical Earthquake Data	Xia Chaoxu Nie Gaozhong Li Huayue Fan Xiwei Zhou Junxue(153)
Development of the STM32-based Intelligent Power Controller for Seismic Stations	Li Xingquan Shao Yuping Liu Jiang(166)
A Review of Seismicity in 2021	Ma Yawei Han Yanyan Zang Yang Xie Mengyu Deng Shiguang Wang Yue Song Jin Zhang Xiaotao Jiang Xianghua Shi Haixia Yang Wen(176)

Brief of Global Volcanic Activity between October and December, 2021
 Han Di Zhang Yu Sun Liying Kang Jianhong(183)

No. 2

Discussion on the Relationship between the Co-seismic Stress Field and the Distribution Co-seismic Step
 among Deformation Observation Stations from the Maduo M_s 7.4 Earthquake
 Yue Chong, Sun Xihao, Niu Anfu, Ji Ping, Li Xiaofan, Zhao Jing(189)

Preliminary Analysis of Grouping Characteristics between Induced Current Anomalies by Geomagnetic
 Diurnal and Earthquakes
 Dai Yong, Feng Zhisheng, Wu Yingyan, Jiang Chufeng, Sun Junsong, Zhang Xin, Feng Lili, Li Junhui(199)

Temperature Anomaly Changes of Litang Hot Spring before Major Earthquakes and Its Forecast Efficiency
 Tian Lei, Wang Bo, Yan Rui, Zhou Zhihua(213)

Mechanism of Induced Current Anomaly of Geomagnetic Diurnal Variation with Short-term In-situ
 Recurrence and Linear Centralized Distribution——A Case of 2012 Tangshan M_s 4.8 Earthquake ...
 Jiang Chufeng, Wu Yingyan, Feng Zhisheng, Dai Yong, Sun Junsong, Zhang Xin, Feng Lili, Li Junhui(226)

Further Analysis on the Electromagnetism Cause of the Geomagnetic Daily Ratio Anomaly
 Ni Xiaoyin, Chen Ying, Yang Jinling(239)

Application of Stochastic Petri Net in Quantitative Evaluation and Dynamic Analysis of Earthquake
 Emergency Coordination Capability Fan Haigang, Guo Hongmei, Zhang Ying, Zhao Zhen(248)

Phased Dynamic Decision-making Method for Earthquake Emergency Based on Sequential Game and
 Bayesian Theory Zhang Ying, Guo Hongmei, Zhao Zhen, Chen Weifeng, Shen Yuan(260)

LSTM-based Anomaly Detection and Analysis of Post-earthquake Communication Data
 Wang Xiaoxiang, Liu Dongtian, Liu Nanjiang, Ding Yi, Jiang Lixin(270)

Implementation and Application of Localized Beijing Earthquake Emergency Work Platform Based on
 Android Mobile Terminal
 Yu Jingyi, Bo Tao, Liu Yinghua, Zhao Guang, Wang Yuting, Tan Qingquan(280)

Research and Application of Large Screen Visualization Technology Based on Seismic Information
 Li Huayue, Zheng Tongyan, Wang Keifeng, Lin Xiangyang, Wen Xintao(293)

Seismic Disaster Magnitude Model Based on Double Loss Indicators
 Xu Guodong, Bo Jingshan, Li Juwen, Ding Yi(304)

The Current Status and Prospects of Research on Emergency Science Popularization Education in China
 Liu Xiaolan, Peng Maifu(315)

New Developments in the Operation and Management of Emergency Shelters under COVID-19 Pandemic in
 Japan Jin Yingshu(322)

Assessment of Seismic Damage of Buildings Based on Full Polarimetric Radarsat-2 Image
 Miao Heng, Wang Xiaoqing, Ding Ling, Shao Le(338)

Extraction of the Coseismic 3D Deformation Field of the 2017 Jiuzhaigou M_s 7.0 Earthquake
 Zhu Jie, Han Yufei, Wang Tan, Li Yu, Wang Yuebing, Shi Hongbo, Liu Yangyang, Fan Junyi, Shao YinXing(348)

Preliminary Analysis of Emergency Production and Source Parameters of the M 6.1 Earthquake on June 01,
 2022 in Lushan, Sichuan Province
 Liang Hao, Dai Danqing, Yang Zhigao, Xi Nan, Deng Wenze, Sun Li(360)

Preliminary Analysis of Emergency Production and Source Parameters of the M 6.0 Earthquake on June 10,

2022 in Maerkang City, Sichuan Province	
..... Zhang Jianyong, Dai Danqing, Yang Zhigao, Xi Nan, Deng Wenze, Xu Tairan, Sun Li (370)	
Brief of Global Volcanic Activity from January to March of 2022	
..... Sun Liying, Kang Jianhong, Jia Ruo, Han Di (383)	

No. 3

Analysis of Deformation Characteristics before the Menyuan $M_s6.9$ Earthquake on January 8, 2022 in Qinghai Province	Yuan Zhengyi, Zhao Jing, Niu Anfu (389)
Coseismic Response Changes of Water Level and Water Temperature Caused by the Menyuan $M_s6.9$ Earthquake	Tao Zhigang, Wang Xiao, Zhu jie, Liu Yangyang, Wang Yuebing (399)
Preliminary Study of Emergency Production and Source Parameters of the $M6.8$ Earthquake on September 05, 2022 in Luding, Sichuan Province	Xu Tairan, Dai Danqing, Yang Zhigao, Xi Nan, Deng Wenze, Zhang Jianyong, Fang Lihua, Sun Li (412)
Analysis of Public Opinion on September 5, 2022 Sichuan Luding $M_s6.8$ Earthquake	Xue Hang, Zhao Fengfan, Rong Hua (425)
Mantle Fluids and Their Role in Earthquake Generation ...	Yang Fan, Sun Fengxia, Liu Yinan, Du Jianguo (432)
Development of Analyzing Techniques of Fluids Inclusions in Investigations for Earthquake and Fault ...	Sun Fengxia, Cui Yueju, Yang Fan, Liu Yinan, Jiang Li, Du Jianguo (446)
Analysis of Tongzhou Resistivity Reflecting of Moderate and Strong Earthquakes in Tangshan	Wang Tongli, Cui Bowen, Li Ran, Wang Lihong, Hu Yitao, Xing Hailin, Li Jingshan (455)
Characteristics Extraction of Land Ground Temperature Before and After the Earthquakes in Tibet	Lu Xian, Meng Qingyan, Zhang Xiaodong, Liu Jie, Ren Jing (464)
Correlation between Active Fault Scarp Evolution and Strong Earthquake Activity Based on High Resolution Geomorphic Data	Shi Lin, Zheng Wenjun, Zhang Yan, Yang Jingjun, Zhang Dongli, Huang Rong, Peng Hui, Bi Haiyun, Tang Qing (472)
Self-noise Analysis of Seismometer Ocean Bottom	Jia Zhengda, Li Jun, Jin Xing, Lin Binhua (486)
The Abnormal Characteristics of Hyperspectral Multi-parameter before the Tangshan $M5.1$ Earthquake on July 12, 2020	Ding Zhihua, Cui Yueju, Tang Jie (494)
Big Data-based Abnormal Analysis of Seismic Background Noise before Strong Earthquake—The Case of the Lushan $M_s7.0$ Earthquake	Guo Kai, Zheng Yu (503)
Discussion on the Relocation of Small Earthquakes in Beijing Area	Zhong Shijun, Wang Zhiguo, Si Zhengya, Sun Haixia, Yue Xiaoyuan, Wu Minjie (513)
Preliminary Study of the Seismicity around Xiaowan Reservoir, Yunnan, China	Li Dan, Li Li, Ye Jianqing (526)
Study of the Relationship between Fatality and Earthquake Magnitudes in Southwest China Based on Pre-earthquake Survey	Fan Xiwei, Nie Gaozhong, Deng Yan, Xia Chaoxu, Li Huayue (537)
Relational Intensity Attenuation Model of Eastern China	Ren Jing, Li Zhiqiang, Yang Yanming, Li Huayue, Huang Shuaitang (550)
Design and Implementation of Earthquake Information Service System Based on Visualization Technology	Hou Jianmin, Guo Kai, Cui Manfeng, Zhai Ying, Ma Xiudan (574)
Optimization Design and Application of 12322 Earthquake Short Message Service Platform	Zhao Guofeng, Li Li, Ma Xiudan (585)

Brief of Global Volcanic Activity from April to June, 2022
 Yan Donghan, Pan Xiaodong, Han Di, Kang Jianhong (596)

No. 4

Review and Discussion on Seismic Activity and Geophysical Observation Anomalies before the 2022 Luding M_s 6.8 Earthquake in Sichuan, China
 Xue Yan, Zhang Xiaotao, Yan Rui, Liu Jie, Yuan Zhengyi, Wu Yongjia, Tian Lei, Song Zhiping (601)

Pre-earthquake Deformation Evolution Characteristics of the 2022 Luding M_s 6.8 Earthquake Based on GNSS Observation
 Yuan Zhengyi, Zhao Jing, Niu Anfu (613)

Study on Relocation of the September 5, 2022 Luding M_s 6.8 Earthquake
 Yang Wen, Liu Jie, Xie Mengyu, Zang Yang, Meng Lingyuan, Zhang Xuemei (622)

Rapid Evaluation of Road Traffic Capacity with Influence by Earthquake-induced Landslide Using MDT
 Bai Xianfu Dai Yuqian Nie Gaozhong Xu Shuo Zeng Ning (632)

Earthquake Fatalities Assessment Based on Deep-learning Neural Network Method for Mainland of China
 Zhu Pengyu, Cheng Jia, Du Long (651)

Design and Implementation of Integrated Coding and Interface Technology for Multi-source Heterogeneous Earthquake Data
 Han Wanjiang, Han Zhuoyan, Tian Yifan, Han Rui, Qiu Yaying (662)

A W_q -based Strong Earthquake Prediction Model and Its Application in Qinghai, Xinjiang and Tibet Areas
 Li Mingxiao, Wang Qinjun, Lu Xian, Xie Mengyu, Yao Qi, Xue Yan, Yan Wei (676)

Recent Progress of Multi-source Data-based Machine Learning in Earthquake Prediction
 Zhu Junqing, Sun Ke (691)

Characteristics of the Focal Mechanism Solution and the Present Stress Field in the Bohai Sea Region
 Li Xinwei, Zhang Guangwei, Xie Zhuojuan, Li Shijie, Lü Yuejun (708)

Characteristics of Seismic Ambient Noise in the Epicentral Region of the 2013 Lushan M_s 7.0 Earthquake
 Liu Yixuan, Zhou Yuanze (721)

Characteristics and Mechanism of Coseismic and Post-earthquake Response of Water Temperature in Rongchang Observation Well, Chongqing City
 Gong Haobo, Lai Guijuan, Li Cuiping, Li Guangke (737)

Moho beneath the Eastern Dabie Orogen Insight from Inversion of Merged Gravity Anomaly
 Li Zhejun, Huang Xianliang, Zheng Haigang, Wang Jun, Wang Yikun, Yuan Quan, Tan Xin (751)

Study on Gravity Variation before the 2021 Biru 6.1 Earthquake in Tibet Plateau
 Hao Hongtao, Wei Jin, Chen Zhaohui, Zhao Yunfeng, Zhang Xinlin, Liu Shaoming, Hu Minzhang (762)

Research Status and Major Scientific Issues in Stress Drop in Mining-induced Earthquake
 Jiang Cong, Yin Xinxin, Jiang Changsheng, Zhai Hongyu, Wang Qian, Zhang Yanbao, Lai Guijuan, Yin Fengling (772)

Application of Energy Dissipation and Vibration Reduction Technology in Near-fault High Medical Building
 Sun Rui, Zhang Jialin, Yu Dongjie (785)

Preliminary Application of Time Series Database in Distributed Storage and Processing of Massive Seismic Waveform Data
 Chen Tong, Han Xuejun, Ma Yanlu (799)

Analysis of Results from the Automatic Earthquake Monitoring System for Large Earthquake Sequence—A Case Study of Yangbi, Yunnan and Maduo, Qinghai Earthquakes
 Xu Jiajing, Zhang Jianyong, Liang Jianhong, Sun Li (810)

Brief of Global Volcanic Activity from July to September of 2022
 Song Yujia, Pan Xiaodong, Kang Jianhong (820)