

中国地质(双月刊)

(ZHONGGUO DIZHI)

2024年3月第51卷第2期(总第421期)

目次

特别关注

东昆仑造山带岩浆镍钴硫化物矿床形成构造背景探讨

..... 张照伟, 钱兵, 王亚磊, 李文渊(371)

西藏拿若铜(金)矿床隐爆角砾岩对成矿时代的约束

..... 高轲, 宋扬, 刘治博, 杨欢欢, 林彬, 李发桥(385)

黔西北青山铅锌矿床构造控矿机理及其对深部找矿的启示

..... 宋丹辉, 韩润生, 王峰, 王明志, 何治, 周威, 罗达(399)

内蒙古二道河铅锌银矿床成矿流体、物质来源及成因探讨

..... 焦天龙, 李进文, 郭向国, 余宏全, 任程昊, 李长俭(426)

刚果(金)Manono-Kitotolo 含锂-铯-钽伟晶岩地质与矿化特征研究

..... 曾瑞垠, 祝新友, 王蓉, 李庆哲, 詹勇, 张雄, 孙宁, 李亮, 谭康雨, 黄建业(443)

综述论文

含氟地下水的危害、治理技术现状与进展

..... 李祥志, 曹文庚, 李英, 赵志鹏, 任宇, 肖舜禹, 李泽岩, 那静(457)

地幔对流反转: 来自全球反转构造的透视和构想 ... 胡望水, 李希元, 唐永, 李涛, 雷中英(483)

海南岛地下水资源状况及其环境地质问题

..... 卢丽, 樊连杰, 裴丽欣, 邹胜章, 林永生, 邓日欣, 王喆(499)

雅砻江流域深切河谷区滑坡类型、成因及分布规律——以子拖西—麻郎错河段为例

..... 冉涛, 徐如阁, 周洪福, 张景华, 陈浩, 王羽珂, 孙洁, 崔炎宗(511)

湖北宜昌磷矿伴生稀土元素分布规律、赋存状态及其开发利用前景分析

..... 刘林, 王大钊, 陈爱章, 蔡雄威(525)

地质科学新思维观与新时代地质工作战略思考

..... 施俊法, 吴林强, 王泉, 方圆, 杨宗喜, 姚晓峰, 贾德龙(547)

学术论文

基于无人机倾斜摄影测量三维建模的区域黄土滑坡识别及特征分析

..... 毛正君, 于海泳, 梁伟, 马旭, 仲佳鑫, 高广胜, 石硕杰, 田彦山(561)

[期刊基本参数]CN11-1167/P*1953*b*A4*348*zh*P*¥ 50.00*2000*21*2024-03

本期责任编辑: 郭 慧 李亚萍 郭博然 技术编辑: 黄彩霞

古气候和海平面变化对浅水碳酸盐岩高频层序及有利储层的控制——以川中地区龙王庙组为例	赵玉茹, 高达, 胡明毅, 郑超, 李佳, 谢武仁(577)
塔里木盆地西南部晚白垩世—早古新世沉积环境演化: 来自皮山 PBX1 井的地化证据	岳勇, 蒋恕, 田景春, 林新(592)
柴达木盆地北缘新生代沉积物再旋回作用研究: 以大红沟剖面为例	桑胜萍, 卢海建, 叶家灿, 潘家伟, 李海兵(606)
鄂西鹤峰埃迪卡拉系灯影组叠层石及其生态环境讨论	王建坡, 危凯, 李越, 李启剑(623)
云南个旧卡房辉绿岩墙锆石 U-Pb 年龄、地球化学特征及其岩石圈伸展作用	尚志, 陈永清, 童祥, 沈思联(632)
贵州省惠水县涟江大坝土壤硒分布特征及影响因素研究	息朝庄, 张鹏飞, 吴林锋, 杨茗钛, 范云飞, 夏浩东(650)
陕西北洛河流域地下水水化学和同位素特征及其水质评价	周殷竹, 马涛, 袁磊, 李甫成, 韩双宝, 周金龙, 李勇(663)
富硒土地开发利用评价体系的建立及应用——以西安市临潼区为例	任蕊, 晁旭, 张立君, 支倩, 徐翠玲, 凌丹丹, 马宇梅, 陈继平, 乔新星, 杜少喜(676)
山东莱州湾南岸晚上新世以来(6.8~0.004 Ma)古植被演替与海平面波动	郝秀东, 劳月英, 欧阳绪红, 姜兴钰, 王福, 田立柱, 施佩歆, 陈永胜, 王宏, 李建芬, 商志文(689)

发现与进展

甘肃省漳县马路里地区发现大型红柱石矿床	王鹏, 杨博, 樊新祥, 叶红刚, 罗官文(701)
甘肃北山南金山南新发现缓倾厚大隐伏金矿	刘永彪, 胡小春, 李省晔, 赵吉昌, 杨镇熙, 赵贤瑞(703)
赣南铁山垅钨矿田首次发现矽卡岩型工业铜矿	李伟, 刘翠辉, 李永胜, 袁慧香, 鲁捷, 连敦梅, 袁启文, 谭友(705)
滇西永平水泄纸房河 Cu-Co 矿区发现金矿	冯志军, 薛传东, 魏爱英, 王维, 李国(707)

简讯与热点

21 世纪以来亚洲大陆勘查新发现主要铜矿床地质特征	陈喜峰, 张潮, 张振芳, 王秋舒, 陈秀法, 张福良, 黄霞, 张伟波, 赵东杰, 李玉龙, 于瑞, 王靓靓, 何学洲, 王杨刚, 郝丽荣, 王小宁(710)
中国地质调查局 2023 年度地质调查十大进展和地质科技十大进展简介(续)	(封二)
《中国地质》第四届编辑委员会 《中国地质》被收录的 40 家数据库	(封三)
《中国地质》(双月刊)栏目设置与稿约	(I)

GEOLOGY IN CHINA

(Bimonthly)

Mar. 2024 Vol. 51, No.2 (Serial No. 421)

Contents

In Focus

- Tectonic settings discussion of magmatic nickel–cobalt sulfide deposits in the eastern Kunlun orogenic belt
..... ZHANG Zhaowei, QIAN Bing, WANG Yalei, LI Wenyuan(371)
- Constraints on metallogenic age from cryptoexplosive breccia in Naruo Cu(Au) deposit, Xizang
..... GAO Ke, SONG Yang, LIU Zhibo, YANG Huanhuan, LIN Bin, LI Faqiao(385)
- Structural ore–controlling mechanism of the Qingshan lead–zinc deposit in northwestern Guizhou, China and its implications for deep prospecting SONG Danhui, HAN Runsheng, WANG Feng, WANG Mingzhi, HE Zhi, ZHOU Wei, LUO Da(399)
- Discussion on the ore–forming fluids, materials sources and genesis of Erdaohe Pb–Zn–Ag deposit, Inner Mongolia JIAO Tianlong, LI Jinwen, GUO Xiangguo, SHE Hongquan, REN Chenghao, LI Changjian(426)
- Geological and mineralization characteristics of Manono–Kitotolo Li–Cs–Ta pegmatite in the Democratic Republic of Congo ZENG Ruiyin, ZHU Xinyou, WANG Rong, LI Qingzhe, ZHAN Yong, ZHANG Xiong, SUN Ning, LI Liang, TAN Kangyu, HUANG Jianye(443)

Reviews

- Harmfulness of fluorine–bearing groundwater and its current situation and progress of treatment technology
..... LI Xiangzhi, CAO Wengeng, LI Ying, ZHAO Zhipeng, REN Yu, XIAO Shunyu, LI Zeyan, NA Jing(457)
- Mantle convection inversion: Perspective and hypothesis of global inversion tectonics
..... HU Wangshui, LI Xiyuan, TANG Yong, LI Tao, LEI Zhongying(483)
- Groundwater resources and environmental geologic problems on Hainan Island
..... LU Li, FAN Lianjie, PEI Lixin, ZOU Shengzhang, LIN Yongsheng, DENG Rixin, WANG Zhe(499)
- Type, formation mechanism and distribution regularity of landslides in the deeply incised valley area of Yalong River Basin——A case study of Zituoqi–Malangcuo river section
..... RAN Tao, XU Ruge, ZHOU Hongfu, ZHANG Jinghua, CHEN Hao, WANG Yuke, SUN Jie, CUI Yanzong(511)
- Distribution, occurrence and exploration prospect of associated rare earth elements in Yichang phosphate deposit, Hubei Province LIU Lin, WANG Dazhao, CHEN Aizhang, CAI Xiongwei(525)
- New perspectives on geological science and strategic thinking on geological work in the New Era
..... SHI Junfa, WU Linqiang, WANG Quan, FANG Yuan, YANG Zongxi, YAO Xiaofeng, JIA Delong(547)

Research Articles

- Identification and feature analysis of regional loess landslides based on UAV tilt photogrammetry 3D modeling
..... MAO Zhengjun, YU Haiyong, LIANG Wei, MA Xu, ZHONG Jiaxin, GAO Guangsheng, SHI Shuojie, TIAN Yanshan(561)
- Controls of paleoclimate and sea–level changes on the high–frequency sequence of shallow–water carbonates: A case study of the Longwangmiao Formation in the central Sichuan Basin
..... ZHAO Yuru, GAO Da, HU Mingyi, ZHENG Chao, LI Jia, XIE Wuren(577)

(Executive editors of this issue: GUO Hui, LI Yaping, GUO Boran)

- Late Cretaceous to Early Paleocene sedimentary environment evolution: Geochemical evidences of Well PBX1 in the southwestern Tarim Basin *YUE Yong, JIANG Shu, TIAN Jingchun, LIN Xin*(592)
- Sediment recycling in the northern Qaidam Basin margin during the Cenozoic: A case study from the Dahonggou section *SANG Shengping, LU Haijian, YE Jiaca, PAN Jiawei, LI Haibing*(606)
- Stromatolites of the Ediacaran Dengying Formation in Hefeng, western Hubei Province and its ecological environment discussion *WANG Jianpo, WEI Kai, LI Yue, LI Qijian*(623)
- Geochronology, geochemistry and lithosphere extension of Kafang diabase in Gejiu area, Yunnan Province *SHANG Zhi, CHEN Yongqing, TONG Xiang, SHEN Silian*(632)
- Distribution characteristics and influencing factors of Selenium in soil from Lianjiang Dam in Huishui County, Guizhou Province *XI Chaozhuang, ZHANG Pengfei, WU Linfeng, YANG Mingtai, FAN Yunfei, XIA Haodong*(650)
- Hydrochemistry–isotope characteristics and quality assessment of groundwater in the Beiluo River Basin, Shaanxi Province *ZHOU Yinzhu, MA Tao, YUAN Lei, LI Fucheng, HAN Shuangbao, ZHOU Jinlong, LI Yong*(663)
- Establishment and application of evaluation system for development and utilization of selenium–rich land: A case study in Lintong District, Xi'an *REN Rui, CHAO Xu, ZHANG Lijun, ZHI Qian, XU Cuiling, LING Dandan, MA Yumei, CHEN Jiping, QIAO Xinxing, DU Shaoxi*(676)
- Late Pliocene(6.8–0.004 Ma) vegetation evolution and sea–level fluctuations on the southern coastal plain of Laizhou Bay, Bohai Sea, China *HAO Xiudong, LAO Yueying, OUYANG Xuhong, JIANG Xingyu, WANG Fu, TIAN Lizhu, SHI Peixin, CHEN Yongsheng, WANG Hong, LI Jianfen, SHANG Zhiwen*(689)

Short communication

- Discovery of large–scale andalusite deposit in Maluli, Zhangxian county, Gansu Province *WANG Peng, YANG Bo, FAN Xinxiang, YE Honggang, LUO Guanwen*(701)
- Discovery of dip thick and large concealed gold orebody in the south of Nanjinshan, Beisahn, Gansu Province *LIU Yongbiao, HU Xiaochun, LI Shengye, ZHAO Jichang, YANG Zhenxi, ZHAO Xianrui*(703)
- First discovery of industrial scale skarn-type copper deposit in the Tieshanlong tungsten ore field, southern Jiangxi Province *LI Wei, LIU Cuihui, LI Yongsheng, YUAN Huixiang, LU Jie, LIAN Dunmei, YUAN Qiwen, TAN You*(705)
- Discovery of gold deposit in the Shuixie Zhifanghe copper–cobalt district in Yongping County, western Yunnan Province, SW China *FENG Zhijun, XUE Chuandong, WEI Aiyang, WANG Wei, LI Guo*(707)

News and Highlights

- Geological characteristics of the newly discovered copper deposits by exploration in Asia continent since the 21st century *CHEN Xifeng, ZHANG Chao, ZHANG Zhenfang, WANG Qiushu, CHEN Xiufa, ZHANG Fuliang, HUANG Xia, ZHANG Weibo, ZHAO Dongjie, LI Yulong, YU Rui, WANG Liangliang, HE Xuezhou, WANG Yanggang, HAO Lirong, WANG Xiaoning*(710)