

岩石矿物学杂志

Yanshikuangwuxue Zazhi

2024年9月 第43卷 第5期

目 次

磷矿成矿作用及找矿方向

- 亚洲最大规模隐伏单体富磷矿床羊场磷矿深部找矿突破及其意义
..... 杨淑胜,王路,王云晓,米云川,董涛,黄太平,王枫,余中明,段文婷 (1073)
云南镇雄羊场磷矿早寒武世无机碳、有机碳同位素研究
..... 刘文杰,周艳玲,米云川,牛奕宁,吴佳怡,周全国,陈剑波 (1086)
滇东北镇雄羊场磷矿区下寒武统梅树村组沉积环境及富集成矿机制
..... 米云川,杜斌,夏建峰,王枫,周骞,黄太平,胡清华 (1099)
扬子西缘羊场磷矿地球化学特征及其对成磷环境的指示
..... 周骞,米云川,赵勇,黄太平,王加昇,胡清华,夏建峰,宰西 (1119)
贵州织金磷-稀土矿床磷块岩的矿物组成及胶磷矿中杂质元素成因
..... 李紫苇,谢玉玲,秦绪岩,代作文,曲云伟,尉玉蓉 (1139)
云南省磷矿成矿规律及找矿方向 董涛,杜斌,王枫,杨淑胜,黄太平,米云川,段召艳,周骞 (1157)
四川什邡式磷矿床中、重稀土元素富集规律及资源潜力——以绵竹清平磷矿为例
..... 代作文,谢玉玲,徐航航,曲云伟,秦绪岩 (1175)
云南镇雄羊场磷矿高品位磷块岩工艺矿物学研究 黄太平,夏建峰,米云川,胡清华,赵勇,周骞 (1188)
磷块岩成矿过程及其稀土元素富集机理综述
..... 雷梦丹,钟日晨,崔浩,王赵依,陈缓,李艳霞,于畅,邓依,凌一凡,李默洁,黎子萌,陈昂快 (1199)

专题研究

- 内蒙古阿如罕敖包花岗闪长岩年代学和地球化学及其对古亚洲洋演化的启示
..... 程天赦,杨文静,张学斌,滕超,杨欣杰,陈喜庆,肖登,吴荣泽,周长红 (1218)
虎峪沟长城系底部富硅火山岩、火山碎屑岩及其中富铁钛熔体包裹体的发现
..... 孙嘉婧,谢玉玲,于超,曲云伟,夏加明 (1235)
班公湖-怒江缝合带西段昂龙岗日地区中新世岩浆作用
..... 吴建亮,廖芝华,白云,王波,秦宇龙,刘文,徐云峰,张彤,景阳,熊昌利 (1251)
红杂色沉积建造中铀矿化的特殊岩石矿物特征——以库车坳陷新近系吉迪克组铀矿点为例
..... 郭强,肖菁,刘念,王强强,许强,武勇,严张磊,刘梦魁,丁桐 (1268)
辽宁宽甸钴矿勘查区变基性岩地球化学特征和年代学研究 廉涛,孙莉,王舫,刘福来,邓文婷 (1281)
马达加斯加 Maevatanana 金矿床 Re-Os 同位素年龄及其地质意义 杨喜安,许德如 (1302)
粤北书楼丘矿床绿泥石成分特征及其指示意义 孙国权,范洪海,高永宝,庞雅庆,高飞,薛春纪,范堡程 (1313)
川西可尔因矿田李家沟矿床锂辉石工艺矿物学研究
..... 袁宵,陈翠华,谢伟,杨善涛,赖翔,杨魁,陈宵杰,蔡云华 (1328)

[期刊基本参数]CN 11-1966/P * 1982 * b * A4 * 266 * zh * P * ¥80.00 * 800 * 17 * 2024-09

本期责任编辑: 尹淑萍

编务: 王淑花

排版: 李琴

ACTA PETROLOGICA ET MINERALOGICA
Vol. 43, No. 5 September, 2024

CONTENTS

- Breakthrough in deep ore prospecting of Yangchang phosphate deposit, the largest concealed monomer phosphorus-rich deposit in Asia, and its significance ...
YANG Shu-sheng, WANG Lu, WANG Yun-xiao, MI Yun-chuan, DONG Tao,
HUANG Tai-ping, WANG Feng, SHE Zhong-ming and DUAN Wen-ting (1073)
- Inorganic and organic carbon isotopes from Early Cambrian Yangchang phosphate deposit in Zhenxiong County, Yunnan Province
..... LIU Wen-jie, ZHOU Yan-ling, MI Yun-chuan,
NIU Yi-ning, WU Jia-yi, ZHOU Yu-guo and CHEN Jian-bo (1086)
- Sedimentary environment and enrichment mineralization mechanism of the Lower Cambrian Meishucun Formation in the Yangchang phosphate deposit of Zhenxiong area, Northeastern Yunnan
..... MI Yun-chuan, DU Bin, XIA Jian-feng,
WANG Feng, ZHOU Qian, HUANG Tai-ping and HU Qing-hua (1099)
- Geochemical characteristics of the Yangchang phosphate deposit in western margin of the Yangtze Block and its indications of the phosphorus-forming environment
..... ZHOU Qian, MI Yun-chuan, ZHAO Yong, HUANG Tai-ping,
WANG Jia-sheng, HU Qing-hua, XIA Jian-feng and ZAI Xi (1119)
- Mineral composition of phosphorites and the origin of impurity elements in collophanite in the Zhijin REEs-rich phosphorite deposit, Guizhou Province
..... LI Zi-wei, XIE Yu-ling,
QIN Xu-yan, DAI Zuo-wen, QU Yun-wei and WEI Yu-tong (1139)
- Metallogenetic regularity and prospecting direction of phosphate ore in Yunnan Province
..... DONG Tao, DU Bin, WANG Feng, YANG Shu-sheng,
HUANG Tai-ping, MI Yun-chuan, DUAN Zhao-yan and ZHOU Qian (1157)
- Enrichment regularity and resource potential of medium and heavy rare earth elements in Shifang-type phosphorite deposits, Sichuan: A case study of Qingping phosphorite deposit in Mianzhu
..... DAI Zuo-wen, XIE Yu-ling, XU Hang-hang, QU Yun-wei and QIN Xu-yan (1175)
- Study on process mineralogy of the high grade phosphorite in Yangchang phosphate deposit, Zhenxiong, Yunnan Province ...
..... HUANG Tai-ping, XIA Jian-feng,
MI Yun-chuan, HU Qing-hua, ZHAO Yong and ZHOU Qian (1188)
- Review on metallogenetic process and rare earth elements enrichment mechanism of phosphorite deposits
..... LEI Meng-dan, ZHONG Ri-chen,
CUI Hao, WANG Zhao-ji, CHEN Huan, LI Yan-xia, YU Chang,
DENG Yi, LING Yi-fan, LI Mo-jie, LI Zi-meng and CHEN Ang-kuai (1199)
- Chronology and geochemistry of the Aruhan granodiorite in Inner Mongolia and their implications for the evolution of the Paleo-Asian Ocean
..... CHENG Tian-she, YANG Wen-jing, ZHANG Xue-bin, TENG Chao, YANG Xin-jie,
CHEN Xi-qing, XIAO Deng, WU Rong-ze and ZHOU Chang-hong (1218)
- The discovery of siliceous volcanic rocks, volcanioclastic rocks, and iron-titanium-rich melt inclusions at the bottom of the Great Wall System in Huyugou ...
..... SUN Jia-jing, XIE Yu-ling, YU Chao, QU Yun-wei and XIA Jia-ming (1235)
- Miocene magmatism in Anglonggangji area, western Bangong-Nujiang suture zone
..... WU Jian-liang, LIAO Zhi-hua, BAI Yun, WANG Bo, QIN Yu-long,
LIU Wen, XU Yun-feng, ZHANG Tong, JIN Yang and XIONG Chang-li (1251)
- Special rock and mineral characteristics of uranium mineralization in red variegated sedimentary formations: Taking the uranium occurrence of Neogene Jidike Formation in Kuqa Depression as an example
..... GUO Qiang, XIAO Jing, LIU Nian, WANG Qiang-qiang,
XU Qiang, WU Yong, YAN Zhang-lei, LIU Meng-kui and DING Tong (1268)
- Whole-rock geochemistry and geochronology of meta-basic rocks from the cobalt exploration area in Kuandian, eastern Liaoning Province
..... LIAN Tao, SUN Li, WANG Fang, LIU Fu-lai and DENG Wen-ting (1281)
- Re-Os isotope age of pyrite from the Maevatanana gold deposit in Madagascar and its geological significance
..... YANG Xi-an and XU De-ru (1302)
- Composition characteristics and indicative significance of chlorites in the Shulouqiu deposit, northern Guangdong
..... SUN Guo-quan, FAN Hong-hai, GAO Yong-bao,
PANG Ya-qing, GAO Fei, XUE Chun-ji and FAN Bao-cheng (1313)
- Study on process mineralogy of spodumene in Lijiagou deposit, Ke'eryin ore field, western Sichuan
..... YUAN Xiao, CHEN Cui-hua, XIE Wei, YANG Shan-tao,
LAI Xiang, YANG Kui, CHEN Xiao-jie and CAI Yun-hua (1328)

《岩石矿物学杂志》

第六届编辑委员会

荣誉编委：(以姓氏笔画排序)

丁林 马永生 李献华 杨经绥
张宏福 郑永飞 赵国春 耿元生
莫宣学 徐义刚

主编：侯增谦

副主编：(以姓氏笔画排序)

王汝成 刘福来 闫臻 杨进辉
何宏平 宋玉财 张招崇 张建新
张拴宏 周美夫 郑建平 郝艳丽
夏群科 徐学义 唐菊兴 鲁安怀
曾令森 谢玉玲 赖绍聪 翟庆国

编委：(以姓氏笔画排序)

马昌前 王丹 王勤 王长秋
王孝磊 王春连 尹继元 尹淑萍
龙涛 史仁灯 朱志勇 朱建喜
朱经经 刘琰 刘传周 刘全有
刘守偈 刘英超 刘超辉 江思宏
许成 许博 许继峰 杜利林
李舢 李文昌 李永军 李永兵
李国武 李建康 杨天南 杨竹森
杨德彬 吴昌志 旷红伟 邱昆峰
汪灵 汪方跃 汪在聪 张进
张超 张聪 张运迎 张洪瑞
陈伟 陈振宇 范宏瑞 林杨挺
周家喜 郑义 赵葵东 钟日晨
袁学银 郭颖 焦淑娟 熊发挥