

岩石矿物学杂志

Yanshikuangwuxue Zazhi

2025年1月 第44卷 第1期

目次

专题研究

- 胶东栖霞闪长玢岩脉中花岗岩捕虏体地球化学、锆石 U-Pb 年龄、Lu-Hf 同位素研究及地质意义 于晓卫,任天龙,程蓉蓉,王来明,刘汉栋,张学松,何铁良,王英鹏,杨仕鹏,单伟 (1)
- 扬子北缘后河杂岩花岗岩类及其对古元古代造山作用的响应 李霄琦,赵燕,张瑞英,敖文昊,兰彩云,李超 (24)
- 滇东北龙街地区泥盆系热液白云岩特征及其成矿指示意义 曾毓灿,魏爱英,薛传东,周红琳,马怀昆,陆双交,李徽琪,毛荣威,周发帅 (51)
- 冀东司家营 BIF 型铁矿北矿区典型矿石矿物特征及其对成矿演化的约束 李文韬,董国明,丁枫,曹瑞明,杨立群,范宇航,刘佳,郑新 (68)
- 小兴安岭-张广才岭成矿带汪兴 Mo 多金属矿区花岗岩成因及其对成矿的指示 易陈龙,史冬岩,张兴春,蓝江波,王洪超,荣学谦,邓聚庭,汪殿钟,杨宗永,朱经经 (87)
- 粤北下庄花岗岩中晶质铀矿成分特征及其铀成矿指示 朱京京,张龙,汪方跃,陈振宇 (113)
- 易变形组分对致密砂岩储层的控制机理——以鄂尔多斯盆地大牛地气田 H 井区山西组为例 王桥,张薇,姜楠,瞿雪姣,雷涛,罗龙,蔡鑫勇,王佳,张铭凯,谭先锋 (128)
- 宁夏二人山银铅多金属矿短波红外勘查指示意义 朱海军,苏力,邱佳炜,谷守江,孙雪平,刘新星,张汐,周敦日格勒,王彦朋,张奋发 (141)
- 印度北部某 4N8 级高纯石英原料研究及其对我国的找矿启示 王九一 (152)

环境矿物学

- 江西德兴铜矿附近流域土壤中重金属化学形态特征及意义 高知睿,常玉虎,赵元艺 (167)
- 基于铝土矿的矿物复合材料的制备及其在川宣地 1 井深部卤水提锂中的应用 钱程,郑绵平,张永生 (181)
- 微生物与黏土矿物对碳酸盐矿物沉淀的影响 贺海燕,王勇,刘沛杰,孟兴平,施泽进,田亚铭 (194)
- 钾长石水热制备钾霞石体系滤液循环实验研究 霍光祥,路华龙,段永华,勾明雷,高嘉屿,陈紫宛 (207)

综述与进展

- 钒渣提钒技术研究进展 彭浩,周巧,刘华平,黄欣奕,刘渝玲,冉嫦娥,潘文静 (216)

方法与应用

- 基于双能 CT 和 MaipSCAN 的岩石分类和选样新方法——以玛湖凹陷页岩油储层为例 周浩,王晨辉,时凤,刘雯雯,刘欢,魏云,郭彬,张安振,符颖 (227)

其他

- 致谢 (67)
- 《岩石矿物学杂志》入选“2024 中国国际影响力优秀学术期刊” (86)
- 2024 年《岩石矿物学杂志》优秀论文奖获得者简介——熊发挥 (241)
- 2024 年《岩石矿物学杂志》优秀论文奖获得者简介——刘冉 (242)

[期刊基本参数] CN 11-1966/P * 1982 * b * A4 * 242 * zh * P * ¥ 80.00 * 800 * 15 * 2025-01

本期责任编辑:郝艳丽

编务:王淑花

排版:李琴

ACTA PETROLOGICA ET MINERALOGICA

Vol. 44, No. 1 January, 2025

CONTENTS

- Geological significance of granite xenoliths in Qixia diorite porphyrite vein, Jiaodong: Geochemical characteristics, zircon U-Pb age and Lu-Hf isotope constraints
YU Xiao-wei, REN Tian-long, CHENG Rong-rong, WANG Lai-ming, LIU Han-dong, ZHANG Xue-song, HE Tie-liang, WANG Ying-peng, YANG Shi-peng and SHAN Wei (1)
- Granitoids from Houhe Complex in northern margin of the Yangtze Block and their response to Paleoproterozoic orogeny
LI Xiao-qi, ZHAO Yan, ZHANG Rui-ying, AO Wen-hao, LAN Cai-yun and LI Chao (24)
- Characteristics of Devonian hydrothermal dolomite in the Longjie area of Northeastern Yunnan and its mineralization indicative significance
..... *ZENG Yu-can, WEI Ai-ying, XUE Chuan-dong, ZHOU Hong-lin, MA Huai-kun, LU Shuang-jiao, LI Hui-qi, MAO Rong-wei and ZHOU Fa-shuai* (51)
- Mineralogical characteristics of typical ore from the BIF-type iron deposit at Sijiaying north mining district in eastern Hebei Province and their constraints on the metallogenic evolution
..... *LI Wen-tao, DONG Guo-ming, DING Feng, CAO Rui-ming, YANG Li-qun, FAN Yu-hang, LIU Jia and ZHENG Xin* (68)
- Petrogenesis of the granites in the Waxing Mo-polymetallic deposit, Lesser Xing'an Range-Zhangguangcailing metallogenic belt and its metallogenic implication *YI Chen-long, SHI Dong-yan, ZHANG Xing-chun, LAN Jiang-bo, WANG Hong-chao, RONG Xue-qian, DENG Ju-ting, WANG Dian-zhong, YANG Zong-yong and ZHU Jing-jing* (87)
- Composition characteristics of uraninite in Xiazhuang granite of northern Guangdong: Implications for uranium mineralization
..... *ZHU Jing-jing, ZHANG Long, WANG Fang-yue and CHEN Zhen-yu* (113)
- The control mechanism of deformable compositions on tight sandstone reservoirs: An example of the Shanxi Formation in the H well area of the Daniudi gas field in the Ordos Basin
..... *WANG Qiao, ZHANG Wei, JIANG Nan, QU Xue-jiao, LEI Tao, LUO Long, CAI Xin-yong, WANG Jia, ZHANG Ming-kai and TAN Xian-feng* (128)
- Short-wave infrared characteristics and exploration indication of the Errenshan silver-lead polymetallic deposit in Ningxia
..... *ZHU Hai-jun, SU Li, QIU Jia-wei, GU Shou-jiang, SUN Xue-ping, LIU Xin-xing, ZHANG Xi, ZHOU Aorigele, WANG Yan-peng and ZHANG Fen-fa* (141)
- Investigation on a 4N8 grade high purity quartz deposit from northern India: Implications for ore prospecting in China *WANG Jiu-yi* (152)
- Chemical speciation characteristics and significance of heavy metals in the soil of the river basin adjacent to the Dexing copper mining area, Jiangxi Province
..... *GAO Zhi-rui, CHANG Yu-hu and ZHAO Yuan-yi* (167)
- Preparation of bauxite-based mineral composites and its application to lithium extraction from deep brine in CXD 1 well
..... *QIAN Cheng, ZHENG Mian-ping and ZHANG Yong-sheng* (181)
- Effects of microorganisms and clay minerals on carbonate mineral precipitation
..... *HE Hai-yan, WANG Yong, LIU Pei-jie, MENG Xing-ping, SHI Ze-jin and TIAN Ya-ming* (194)
- Experimental study on circulation of filtrate of potassium feldspar hydrothermal preparation of kaliophilite system *HUO Guang-xiang, LU Hua-long, DUAN Yong-hua, GOU Ming-lei, GAO Jia-yu and CHEN Zi-wan* (207)
- Research progress on vanadium extraction technology from vanadium slag
..... *PENG Hao, ZHOU Qiao, LIU Hua-ping, HUANG Xin-yi, LIU Yu-ling, RAN Chang-e and PAN Wen-jing* (216)
- A new method for rock classification and sample selection based on dual-energy CT and Maip-SCAN: A case study of shale oil reservoirs in the Mahu Depression
..... *ZHOU Hao, WANG Chen-hui, SHI Feng, LIU Wen-wen, LIU Huan, WEI Yun, GUO Bin, ZHANG An-zhen and FU Ying* (227)

《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 尹淑苹
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
李舫 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