

岩石矿物学杂志

Yanshikuangwuxue Zazhi

2024年5月 第43卷 第3期
宝玉石矿物学 专辑
特约主编：郭颖

目次

前言

- 秘鲁粉色蛋白石的物相组成及颜色成因 钱雪雯,李净净,杨丽,徐娅芬 (495)
- 热处理对黝帘石颜色的影响及其致色成因探讨——以坦桑尼亚黄色和蓝色黝帘石为例 杨淑淇,刘迎新 (503)
- 缅甸抹谷紫方钠石光致变色效应脱色效率研究 汤峻,陈洋铃,郭颖,贺晴,覃侨红 (518)
- 祖母绿产地鉴别研究综述 郑育宇,余晓艳,许博,郭鸿舒,闫颖,张艺,汤峻,赵思艺 (525)
- 浅析歙砚纹理的成因及发墨机制 唐甘宇,赖勇 (562)
- 新疆阿尔泰库吉尔特伟晶岩海蓝宝石矿物化学研究 丁志丹,邹好,王蝶 (575)
- 新型紫外光致发光图像高速采集装置的研制及其在筛分天然钻石中的应用
..... 梁榕,兰廷,高孔,张小虎,陈慕雨,王鸿浩,陆太进 (592)
- 不同种类珍珠在各种外界环境下的抗腐蚀性研究 刘富康,郭颖,刘炜明,赵贝,刘欣,宋圆梦 (599)
- 内蒙古黄岗梁不同色调鱼眼石的谱学特征及高压X射线衍射光谱研究 肖启润,刘迎新 (611)
- 尼日利亚锌尖晶石的宝石矿物学及包裹体特征研究 陈仪方,金雪萍,刘子琪,周征宇,郑浚豪,管琪韵,陈琦 (619)
- 黑青和田玉宝石矿物学及地球化学特征研究 付玉蕾,史森,曹沁元,马世玉 (630)
- 缅甸紫色翡翠的致色机理——光谱和色度学研究 商嫣然,王伟钊,金天力,黄琳铭,吴中允,郭颖 (643)
- 黄-红色缅甸黄龙玉颜色和光谱特征的定量研究 牛佳睿,郭颖 (652)
- 黄色系硅化造礁石珊瑚的结构特征及颜色成因研究 郭逸琳,郭颖 (663)
- 福建云霄石榴子石宝石矿物学特征 陈星韵,张良,王豪帅,张瑞锐,孙思辰 (673)
- 巴西金刚石的宝石矿物学特征 李雨璇,黄颖,刘迎新 (685)
- 河南绿色密玉的宝石学特征和颜色成因 李文娟,余晓艳,白峰 (697)
- 6种不同产地柯巴树脂的谱学特征探究 李佳蓉,李妍,武嘉欣 (709)

非主题来稿

- 太行山麻棚地区高 Ba-Sr 花岗质侵入岩的地球化学、锆石 U-Pb 年龄和 Hf 同位素特征及其地质意义
..... 程海峰,杜利林,杨崇辉,苏荣昆,孟庆涛,刘广,王明明,张正平,井晶晶,王晓东 (719)
- 赞皇杂岩翁城地区长城系常州沟组砂岩碎屑锆石 U-Pb-Hf 同位素研究
..... 王乐乐,刘平华,周万蓬,杜利林,杨崇辉,张文,曹秋香,陈丽梅 (737)
- 湖北金银山锑矿蚀变矿物红外光谱特征及找矿应用
..... 邱佳炜,刘新星,薛哲,张娟,成嘉伟,卢克轩,王猛,杨俊峰,王瑛雪 (776)

[期刊基本参数] CN 11-1966/P * 1982 * b * A4 * 292 * zh * P * ¥ 80.00 * 800 * 21 * 2024-05

本期责任编辑：郝艳丽

编务：王淑花

排版：李琴

ACTA PETROLOGICA ET MINERALOGICA

Vol. 43, No. 3 May, 2024

CONTENTS

- Phase composition and color origin of Peru's pink opals
..... QIAN Xue-wen, LI Jing-jing, YANG Li and XU Ya-fen (495)
- Study on the effect of heat treatment on the color of zoisite and the cause of coloration: The example of yellow and blue Tanzanian zoisite
..... YANG Shu-qi and LIU Ying-xin (503)
- Study of decoloration efficiency of photochromism in hackmanite from Mogok, Myanmar (Burma)
..... TANG Jun, CHEN Yang-ling, GUO Ying, HE Qing and QIN Qiao-hong (518)
- A review of research on the emerald origin determination
..... ZHENG Yu-yu, YU Xiao-yan, XU Bo, GUO Hong-shu, YAN Ying, ZHANG Yi, TANG Jun and ZHAO Si-yi (525)
- A brief analysis of forming reasons of the She inkstone texture and ink-making mechanism
..... TANG Gan-yu and LAI Yong (562)
- Mineral chemistry of aquamarine from Kujierte pegmatite in Altay, Xinjiang
..... DING Zhi-dan, ZOU Yu and WANG Die (575)
- Development of a new ultraviolet photoluminescence image high-speed acquisition device and its application in screening natural diamonds
..... LIANG Rong, LAN Yan, GAO Kong, ZHANG Xiao-hu, CHEN Mu-yu, WANG Hong-hao and LU Tai-jin (592)
- Development of a new ultraviolet photoluminescence image high-speed acquisition device and its application in screening natural diamonds
..... LIU Fu-kang, GUO Ying, LIU Wei-ming, ZHAO Bei, LIU Xin and SONG Yuan-meng (599)
- Spectral characteristics and high-pressure X-ray diffraction spectroscopy of apophyllites with different tones in Huanggangliang, Inner Mongolia
..... XIAO Qi-run and LIU Ying-xin (611)
- Gem mineralogy and inclusion characteristics of garnet from Nigeria
..... CHEN Yi-fang, JIN Xue-ping, LIU Zi-qi, ZHOU Zheng-yu, ZHENG Jun-hao, GUAN Qi-yun and CHEN Qi (619)
- Gem mineralogical and geochemical characteristics of the black cyan nephrite
..... FU Yu-lei, SHI Miao, CAO Qin-yuan and MA Shi-yu (630)
- Colouration in purple jadeite-jade from Myanmar: A spectroscopy and chromaticity investigation
..... SHANG Yan-ran, WANG Wei-zhao, JIN Tian-li, HUANG Lin-ming, WU Zhong-yun and GUO Ying (643)
- Quantitative study on color and spectral characteristics of Huanglong jade from Myanmar
..... NIU Jia-rui and GUO Ying (652)
- Structural characteristics and color genesis of yellow silicified scleractinia
..... GUO Yi-lin and GUO Ying (663)
- Gem mineralogy characteristics of Yunxiao garnet, Fujian, China
..... CHEN Xing-yun, ZHANG Liang, WANG Hao-shuai, ZHANG Rui-rui and SUN Si-chen (673)
- The gemological and mineralogical characteristics of Brazilian diamond
..... LI Yu-xuan, HUANG Ying and LIU Ying-xin (685)
- Gemological characteristics and color genesis of green Miyu jade from Henan, China
..... LI Wen-juan, YU Xiao-yan and BAI Feng (697)
- Spectroscopic characteristics of copal resins from six different origins
..... LI Jia-rong, LI Yan and WU Jia-xin (709)
- Geochemistry, zircon U-Pb age and Hf isotope characteristics of high-Ba-Sr granites in Mapeng area, Taihang Mountains and their geological significance
..... CHENG Hai-feng, DU Li-lin, YANG Chong-hui, SU Rong-kun, MENG Qing-tao, LIU Guang, WANG Ming-ming, ZHANG Zheng-ping, JING Jing-jing and WANG Xiao-dong (719)
- Detrital zircon U-Pb-Hf isotopic studies on sandstones in the Changzhougou Formation of the Changcheng System in Wengcheng area, Zanzhuang Complex
..... WANG Le-Le, LIU Ping-Hua, ZHOU Wan-Peng, DU Li-Lin, YANG Chong-Hui, ZHANG Wen, CAO Qiu-Xiang and CHEN Li-Mei (737)
- Infrared spectroscopic characteristics and prospecting applications of altered minerals in the Jinyinshan antimony deposit in Hubei Province
..... QIU Jia-Wei, LIU Xin-xing, XUE Zhe, ZHANG Juan, CHENG Jia-wei, LU Ke-xuan, WANG Meng, YANG Jun-feng and WANG Ying-xue (776)

《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