



中国科学院科学出版基金资助项目

岩 石 学 报

Yanshi Xuebao



2023 年 8 月 第 39 卷 第 8 期

目 次

- 华北克拉通东部胶北地体早前寒武纪表壳岩系:研究进展与综述 赵磊 张儒诚 孙伟清 邹屹 翟明国 (2211)
藏南亚东地区超高温叠加的榴辉岩中文象浅色体成因及其对软流圈上涌的制约 吴晨光 张立飞 张贵宾 王杨 (2238)
华北克拉通清原地体新太古代和古元古代两期麻粒岩相变质作用 崔润泽 魏春景 段站站 (2257)
东南极茹尔群岛梅瑟半岛富铁铝副片麻岩超高温变质作用:相平衡模拟与锆石 U-Pb 年龄 吴浩博 全来喜 刘兆 李超 杨文强 (2279)
华北南缘舞钢太华杂岩变泥质岩变质作用:变质 P-T 轨迹与锆石 U-Pb 年龄 戴青青 全来喜 刘兆 李超 吴浩博 龙晓平 (2301)
造山型金矿床黄铁矿微量元素对成矿机制的指示 曹根深 张宇 陈华勇 (2330)
琼北地区第四纪熔岩隧道群研究:形态学及其比较行星学意义 段政 邢光福 朱祥坤 张翔 陈荣 余明刚 (2347)
大西洋中脊 26°S 玄武岩岩石成因及构造意义:来自 Hf 同位素的约束 孟凡雪 赵梦云 孟元库 (2365)
沙茨基海隆(Shatsky Rise)白垩纪玄武岩的地球化学特征及其地幔柱-洋中脊相互作用过程 陈静 陈双双 高锐 刘嘉麒 (2379)
青藏高原东北缘茶卡北山地区印支期高分异花岗岩的发现及找矿意义 王秉璋 潘彤 王强 李五福 祁生胜 郑英 金婷婷 刘金恒 (2402)
伊犁地块北缘早志留世辉绿岩脉岩石成因与构造启示:年代学与地球化学制约 陈有炘 王盟 马晓伟 魏星 裴先治 朱生强 曹明 布龙巴特 (2429)
陇山杂岩变沉积岩的沉积时代、物源及构造意义:来自地球化学、碎屑锆石 U-Pb 年代学和 Lu-Hf 同位素的证据 李玉婷 卢俊生 孔旭 刘刚 封强 张艺一 (2445)
大别山南缘 ~2.5Ga 钾质花岗岩的发现及其意义 刘述德 郭瑞禄 曾芳 刘鸿飞 武思琴 (2470)
赣南遂川晚侏罗世幕式花岗质岩浆活动:年代学、地球化学和 Lu-Hf 同位素约束 刘高峰 王连训 罗春林 熊清华 楼法生 卢先锋 刘永旭 (2489)
滇西兰坪金顶铅锌矿床精细刻画矿化过程:来自硫化物原位微量元素和 S-Pb 同位素的证据 李相材 王京彬 祝新友 李成厚 吴金检 王永彬 石珉 郭宇航 (2511)
蛇纹石化方辉橄榄岩弹性波速实验研究及其在地幔楔中的应用 张佳蕾 马麦宁 张吉凯 曾欢 (2533)

封面设计: 刘 涠 封面标本: 西藏罗布莎豆状铬铁矿

封面标本摄影: 任 晖 封面标本提供: 苏本勋

ACTA PETROLOGICA SINICA

Aug. , 2023 Vol. 39 No. 8

CONTENTS

- A review on the research progress of the Early Precambrian supracrustal rocks in the Jiaobei Massif
Zhao L, Zhang RC, Sun WQ, Zou Y and Zhai MG (2211)
- Genesis of graphic leucosomes in the UHT-overprinted eclogites from Yadong area, southern Tibet and its constraints on the asthenospheric upwelling
Wu CH, Zhang LF, Zhang GB and Wang Y (2238)
- Two phases of granulite facies metamorphism during the Neoarchean and Paleoproterozoic in the Qingyuan terrane, North China Craton
Cui RZ, Wei CJ and Duan ZZ (2257)
- Ultrahigh-temperature metamorphism of Fe-Al-rich paragneisses in the Mather Peninsula, Rauer Group, East Antarctica: Phase equilibrium modeling and zircon U-Pb ages
Wu HB, Tong LX, Liu Z, Li C and Yang WQ (2279)
- Metamorphism of metapelites in the Taihua Complex, Wugang, southern margin of North China: Metamorphic *P-T* paths and zircon U-Pb ages
Dai QQ, Tong LX, Liu Z, Li C, Wu HB and Long XP (2301)
- Trace elements in pyrite from orogenic gold deposits: Implications for metallogenic mechanism
Cao GS, Zhang Y and Chen HY (2330)
- Quaternary lava tubes in northern Hainan Island: Morphology and significance of comparative planetology
Duan Z, Xing GF, Zhu XK, Zhang X, Chen R and Yu MG (2347)
- Petrogenesis and tectonic significance of basalts from the Mid-Atlantic Ridge 26°S: Evidence from Hf isotopes
Meng FX, Zhao MY and Meng YK (2365)
- Geochemical characteristics of Shatsky Rise Cretaceous basalts and implication on the interaction between mantle plume and mid-ocean ridge
Chen J, Chen SS, Gao R and Liu JQ (2379)
- Discovery of Indosian highly fractionated granites in the Chaqabeishan area, NE Tibetan Plateau and its prospecting significance
Wang BZ, Pan T, Wang Q, Li WF, Qi SS, Zheng Y, Jing TT and Liu JH (2402)
- Petrogenesis and tectonic implications of Early Silurian diabasic dikes in the northern margin of the Yili Block: Constraints from geochronology and geochemistry
Chen YX, Wang M, Ma XW, Wei X, Pei XZ, Zhu SQ, Cao M and Bulong BT (2429)
- Depositional age, provenance and tectonic significance of metasedimentary rocks from the Longshan Complex: Evidence from geochemical characteristics, detrital zircon U-Pb geochronology and Lu-Hf isotope
Li YT, Lu JS, Kong X, Liu G, Feng Q and Zhang YY (2445)
- Discovery of ~2.5Ga high-K granites in southern margin of the Dabie Orogen and its implications
Liu SD, Guo RL, Zeng F, Liu HF and Wu SQ (2470)
- Late Jurassic episodic granitic magmatism in Sichuan, southern Jiangxi: Constraints from chronology, geochemistry and Lu-Hf isotope
Liu GF, Wang LX, Luo CL, Xiong QH, Lou FS, Lu XF and Liu YX (2489)
- Precise discrimination on the mineralization processes of the Jinding Pb-Zn deposit, Lanping Basin, western Yunnan, China: Evidence from in situ trace elements and S-Pb isotopes of sulfides
Li XC, Wang JB, Zhu XY, Li CH, Wu JJ, Wang YB, Shi M and Guo YH (2511)
- Influences of serpentinization on wave velocities of harzburgite and implications in the mantle wedge
Zhang JL, Ma MN, Zhang JK and Zeng H (2533)