

现代地质

(2020年 第34卷 第3期)

目 次

岩石学

- 内蒙古索伦山蛇绿岩锆石 U-Pb 年代学、地球化学特征及其地质意义 柳志华, 顾雪祥, 章永梅, 王佳琳, 刘涛, 王文东, 赵伟, 陈洋 (399)
鲁西临朐铁寨杂岩体锆石 U-Pb 年代学、地球化学特征及其地质意义 于立栋, 于学峰, 李大鹏, 刘强, 刘家军, 舒磊, 尉鹏飞 (418)
渝北温泉镇地区三叠系“绿豆岩”特征及其地质意义 鞠鹏程, 王训练, 王振涛, 刘喜方, 仲佳爱, 张在明 (431)
内蒙古狼山地区乌花辉长岩的年代学、地球化学和 Sr-Nd-Hf 同位素组成: 对地幔源区特征和岩石成因的约束 张云, 孙立新, 张天福, 孙义伟, 张祺, 李艳锋, 杨泽黎, 刘文刚 (450)
大兴安岭南段晚中生代侵入岩时空分布及主脊与东坡岩体特征对比 王迪, 赵国春, 苏尚国, 李宏星 (466)
大兴安岭中部乌兰浩特地区花岗岩锆石 U-Pb 年龄、地球化学特征及构造意义 张海华, 李永飞, 张健, 苏飞, 郑月娟, 卞雄飞, 张德军 (483)
内蒙古乌拉特后旗查干花钼矿锆石 U-Pb 和辉钼矿 Re-Os 同位素年龄及其地质意义 李光耀, 李志丹, 王佳营, 李效广, 李超, 涂家润, 谢瑜, 丁宁 (494)

- 内蒙古沙麦钨矿区高分异花岗岩独居石 U-Pb 定年及成矿意义 宓奎峰, 杨艳, 颜廷杰, 吕志成, 柳振江 (504)
新疆北部阿尔泰山东段泥盆纪岩浆活动及侵位方式的探讨 蔺新望, 王星, 陈光庭, 赵端昌, 赵江林 (514)
华北陆块东南缘蚌埠地区侏罗纪花岗岩中多种类型白云母的识别及其地质意义 吴天昊, 徐丽娟, 肖益林, 刘盛遨 (532)

- 鄂尔多斯盆地西缘中奥陶统地球化学特征及古环境意义 蒋苏扬, 黄文辉, 张永生 (545)

矿床学

- 甘肃北山地区小西弓金矿床成矿流体性质及矿床成因 袁伟恒, 顾雪祥, 章永梅, 杜泽忠, 于晓飞, 孙海瑞, 吕鑫 (554)
闽中梅仙铅锌多金属矿区 S、Pb 同位素组成及对成矿物质的示踪: 以丁家山和峰岩铅锌多金属矿为例 肖晓牛, 费利东, 秦新龙, 肖娥, 刘荣芳 (569)
滇中播卡铜矿床硫、铅同位素组成及其地质意义 费利东, 肖晓牛, 肖娥, 刘军, 白涛 (579)
华北陆块北缘哈毕力格铀矿床 S、Pb 同位素组成及对成矿作用的指示 黄志新, 李子颖, 蔡煜琦, 朱斌, 任全 (588)
四川红泥坡铜矿床三维地质建模及控矿构造演化的新认识 杨旺东, 高福磊, 王功文, 庞振山, 沈和明, 龚灵明, 申红涛, 张智强, 刘晓宁 (598)

地球化学

- 云南省新平县哀牢山地区富硒土壤成因及其影响因素研究 黄钊, 陈政, 薛传东, 刀艳, 许胜超, 代达龙, 吴松 (609)
天津市西郊富硒土壤地球化学特征和成因分析 侯佳渝, 杨耀栋, 谢薇, 刘金成, 李国成 (618)

矿山地质

- 矿山地质环境评价中最佳评价尺度确定方法的研究及应用 陈钰嘉, 田淑芳 (626)

责任编辑 戚开静 潘令枝 楼亚儿 孙义梅

英文审校 黎俊傑

封面摄影 张绪教 川西巴塘县海子山的姊妹湖——冰蚀作用在冰蚀谷形成的串珠状冰蚀湖

期刊基本参数 CN11-2035/P * 1987 * b * A4 * 236 * zh * P * ¥50.00 * 1000 * 19 * 2020-06

GEOSCIENCE

(Vol. 34 No. 3 Jun. 2020)

CONTENTS

• Petrology •

- Zircon U-Pb Geochronology, Geochemistry Characteristics and Geological Significance of the Solonker Ophiolite, Inner Mongolia *LIU Zhihua, GU Xuexiang, ZHANG Yongmei, WANG Jialin, LIU Tao, WANG Wendong, ZHAO Wei, CHEN Yang* (399)
- Zircon U-Pb Chronology, Geochemistry Characteristics of the Tiezhai Complex in Linqu County of Western Shandong and Their Geological Significance *YU Lidong, YU Xuefeng, LI Dapeng, LIU Qiang, LIU Jiajun, SHU Lei, WEI Pengfei* (418)
- Characteristics and Geological Significance of the Triassic Mungbean Rocks in the Wenquan Town Area, Northern Chongqing *JU Pengcheng, WANG Xunlian, WANG Zhentao, LIU Xifang, ZHONG Jiaai, ZHANG Zaiming* (431)
- Geochronology, Geochemistry and Sr-Nd-Hf Isotopic Compositions of the Wuhua Gabbros in Langshan, Inner Mongolia: Constraints for Mantle Sources and Petrogenesis *ZHANG Yun, SUN Lixin, ZHANG Tianfu, SUN Yiwei, ZHANG Qi, LI Yanfeng, YANG Zeli, LIU Wengang* (450)
- Spatial-temporal Distribution of Late Mesozoic Intrusive Rocks in South Daxing'anling Mountains and the Characteristic Contrast of Rocks in the Mid Ridge and the East Slope *WANG Di, ZHAO Guochun, SU Shangguo, LI Hongxing* (466)
- Zircon U-Pb Age, Geochemical Characteristics and Tectonic Implications of Granites in the Wulanhaote Area, Central Daxing'an Mountains *ZHANG Haihua, LI Yongfei, ZHANG Jian, SU Fei, ZHENG Yuejuan, BIAN Xiongfei, ZHANG Dejun* (483)
- Zircon U-Pb and Molybdenite Re-Os Ages and Geological Significance of the Chaganhua Molybdenum Deposit, Urad Rear Banner, Inner Mongolia *LI Guangyao, LI Zhidan, WANG Jiaying, LI Xiaoguang, LI Chao, TU Jiarun, XIE Yu, DING Ning* (494)
- In-situ Monazite U-Pb Geochronology of Highly Fractionated Granites in Shamai Tungsten Deposit, Inner Mongolia and Its Mineralization Significance *MI Kufeng, YANG Yan, YAN Tingjie, LÜ Zhicheng, LIU Zhenjiang* (504)
- Magmatic Activity and Emplacement of the Devonian Intrusive Rocks in Eastern Altay, Northern Xinjiang *LIN Xinwang, WANG Xing, CHEN Guangting, ZHAO Duanchang, ZHAO Jianglin* (514)
- Identification and Geological Significance of Various Types of Muscovite in Jurassic Granite of Bengbu Area on the Southeast Margin of North China Craton *WU Tianhao, XU Lijuan, XIAO Yilin, LIU Sheng'ao* (532)
- Geochemical Characteristics of Middle Ordovician in Western Margin of Ordos Basin and Its Implication on Paleoenvironment *JIANG Suyang, HUANG Wenhui, ZHANG Yongsheng* (545)

• Ore Deposits •

- Properties of Ore-forming Fluids and Genesis of the Xiaoxigong Gold Deposit in the Beishan Region, Gansu Province *YUAN Weiheng, GU Xuexiang, ZHANG Yongmei, DU Zezhong, YU Xiaofei, SUN Hairui, LÜ Xin* (554)
- Sulfur and Lead Isotopic Compositions of Meixian Zinc-lead Polymetallic Deposit, Central of Fujian Province, China and Tracing for the Source of Metals: Examples from the Dingjiashan and Fengyan Zinc-lead Polymetallic Deposits *XIAO Xiaoniu, FEI Lidong, QIN Xinlong, XIAO E, LIU Rongfang* (569)
- Sulfur and Lead Isotopic Compositions of Boka Copper Deposit, Central Yunnan, China, and Its Geological Significance *FEI Lidong, XIAO Xiaoniu, XIAO E, LIU Jun, BAI Tao* (579)
- Sulfur and Lead Isotopic Compositions of Habilig Uranium Deposit in Northern Margin of North China Block: Implication for Uranium Mineralization *HUANG Zhixin, LI Ziying, CAI Yuqi, ZHU Bin, REN Quan* (588)
- 3D Geological Modeling and New Understanding of Ore-controlling Tectonic Evolution of the Hongnipo Copper Deposit in Sichuan Province *YANG Wangdong, GAO Fulei, WANG Gongwen, PANG Zhenshan, SHEN Heming, GONG Lingming, SHEN Hongtao, ZHANG Zhiqiang, LIU Xiaoning* (598)

• Geochemistry •

- Study on the Genesis and Influencing Factors of Selenium-enriched Soil in the Ailaoshan Area, Xinping County, Yunnan Province *HUANG Zhao, CHEN Zheng, XUE Chuandong, DAO Yan, XU Shengchao, DAI Dalong, WU Song* (609)
- The Analysis of Geochemical Characteristics and Genesis of Selenium-rich Soil in Western Suburb of Tianjin *HOU Jiayu, YANG Yaodong, XIE Wei, LIU Jincheng, LI Guocheng* (618)

• Mining Geology •

- Research and Application on Optimal Evaluation Scale Determination Method in the Mine Geological Environment Evaluation *CHEN Yujia, TIAN Shufang* (626)