矿 物 学 报

2019年 第39卷 第3期

目 次

江西相山下家岭稀土矿风化壳剖面地球化学特征

…………………………………………………………… 罗武平,李光来,李成祥,刘小波,尹晓燕,韦星林 (237) 黔西南高岭萤石矿床地质-地球化学特征与成因

…… 蒋鑫,陈远荣,刘奕志,谷瑞祺,李若坚,黎家财,农悦瑾,白宇航,张宗伟,徐放 (264) 赣南铅厂岩体锆石 U-Pb 年代学与地球化学特征

………… 农佩臻,周征宇,赖萌,钟倩,王含,郭恺鹏,李英搏,乔鑫,张灵敏 (327) 冈底斯西段达若地区林子宗群典中组火山岩锆石 U-Pb 定年与 Hf 同位素

………………………………………………………………………………李洪梁,李光明,丁俊,刘洪,黄瀚霄 (334)

ACTA MINERALOGICA SINICA (Vol. 39, No. 3, 2019)

CONTENTS

Geochemical characteristics of the weathered crust profile in the Xiajialing REE deposit of
the Xiangshan area, Jiangxi Province, China LUO Wu-ping, et al. (237)
Geological-geochemical characteristics and metallogenesis of the Gaoling fluorite deposit in
the southwestern Guizhou, China JIN Shao-rong, et al. (247)
Mineralogy study of Nb-rich sphene generated from the Emeishan basalts in Eastern Yunnan-Western
Guizhou area, ChinaDU Sheng-jiang, et al. (253)
Occurrence characteristics and their geological significances of the hydrocarbon gas at mineral scale
JIANG Xin, et al. (264)
Zircon U-Pb chronology and geochemical characteristics of the Qianchang intrusion in
the southern Jiangxi LIU Xin-xing, et al. (271)
Geochemical Characteristics of the SSZ-type Ophiolite in the Fuchuan Area, Southern Anhui,
China and Their Tectonic Significances
Mineral composition and ore genesis of the Huanghuagou polymetallic deposit in the Shaolanghe
metallogenic belt, Chifeng, Inner Mongolia Autonomous Region, China WU Yao-ye, et al. (295)
Process mineralogy and floatability experiment of ores from the Waji copper mine in Sichuan, China
The research progress on the hydrothermal alteration of natural radionuclide-bearing minerals
SUN Ya-ping, et al. (311)
Mineralogical characteristics and their environmental significances of the atmospheric dustfall in the
southeastern Shijiazhuang CAO Cong-miao, et al. (320)
Gemological and Mineralogical Characteristics of Nephrite from the Maxianshan area in Gansu Province,
China NONG Pei-zhen, et al. (327)
U-Pb dating and Hf isotopes of zircons from volcanic rocks in the Dianzhong Formation of Linzizong Group
from the Daruo area, western Gangdese, Tibet Autonomous Region LI Hong-liang, et al. (334)