

岩矿测试

(YANKUANG CESHI)

第 43 卷 第 6 期(卷终) 2024 年 11 月

目次

岩石矿物分析

*黏土矿物类型对杭锦旗下石盒子组致密砂岩储层束缚水饱和度的影响
..... 王立新, 高青松, 周家林, 刘岩, 曹茜, 陈婷, 王力(821)

X 射线衍射-电子探针研究冀北铁岭组古风化壳稀土元素赋存状态
..... 陈海燕, 张运强, 毛香菊, 李瑞红(836)

*沉积岩有机碳同位素组成测定的前处理方法研究
..... 杨宗彩, 徐学敏, 杨佳佳, 沈斌, 苑坤, 张小涛, 许智超, 翟佳(847)

偏硼酸锂和四硼酸锂碱熔-电感耦合等离子体发射光谱法测定海域砂矿中的锆和钛
..... 张逸君, 张宇航, 陈艳, 邓焱, 王佳翰(858)

风化壳离子吸附型稀土矿中稀土元素含量测定与赋存形态研究
..... 肖细炼, 郭敏, 邵鑫, 谭娟娟, 王磊, 邱啸飞(866)

湖南永州老寨岭铜锡矿床锡石 LA-MC-ICP-MS U-Pb 定年研究
..... 崔玉荣, 杨君, 涂家润, 肖志斌, 周红英, 喻光明, 崔敏利, 刘玖芬(880)

双极端对比检测法定量分析高纯石英砂气液包裹体含量
..... 樊婷, 任子杰, 张乾坤, 何宇豪, 宋昱晗, 刘志, 向璐(892)

鞍山式磁铁矿含水量高光谱预测模型的建立 谢晓啸, 白洋, 张九零, 贾玉娜(901)

自然资源分析研究

*湿氧化法测定岩溶区水体中溶解有机碳同位素的影响因素研究
..... 杨会, 吴夏, 俞建国, 唐伟, 蓝高勇(914)

超声消解-电感耦合等离子体发射光谱法测定土壤和沉积物中的硅 孔胜男, 许实(928)

银杯消解-元素分析仪法测定土壤和沉积物中有机碳

..... 王俊杰, 王巧环, 熊满艳, 宋祥梅, 王美娥, 傅慧敏, 李虹, 孟龄(936)

技术交流

在线固相萃取大体积进样-高效液相色谱-串联质谱法检测地表水中 35 种抗生素

..... 李超群, 李立湘, 任颖俊, 赵锦华, 黄钢, 周施阳, 刘立平, 蒋敬思, 梁锋(945)

基体匹配-电感耦合等离子体质谱法定量金矿各浮选产物中有害元素

..... 刘骐榕, 楚部, 陈树航, 贾筱旭, 张智航, 谢卫宁, 王帅, 冯培忠(957)

综述

*生物炭基材料及其在电化学传感领域的应用

..... 王宝丽, 张逸君, 张宇航, 陈艳(967)

土壤-葡萄体系中重金属的迁移富集与风险评估研究进展

..... 卢慧, 余涛, 赵万伏, 温晴, 汤奇峰, 李畅, 张力月, 侯青叶, 杨忠芳(982)

动态与行业资讯

《岩矿测试》第九届编辑委员会

编辑部(封三)

《岩矿测试》2024 年第 43 卷总目次

(正文后 I)

广告信息

安捷伦(中国)科技有限责任公司

地质和环境系列标准物质

四川赛恩思仪器有限公司

北京海光仪器有限公司

《岩矿测试》: <http://www.ykcs.ac.cn> (投稿/审稿系统)

《岩矿测试》QQ 群: 249221689 微信群和微信公众号名称: 岩矿测试

编辑部工作邮箱: ykcs_zazhi@163.com

编辑部办公电话: 010-68999562

期刊基本参数: CN 11-2131/TD * 1982 * b * A4 * 176 * zh * P * ¥ 60.00 * 400 * 15 * 2024-11

本期责任编辑: 徐书荣 储彬彬 佟玲

排版制图: 北京仁和汇智信息技术有限公司

★ 该篇文章附有一篇英文简报“BRIEF REPORT”。

Rock and Mineral Analysis

Vol. 43 No. 6 (End of Volume)

November 2024

CONTENTS

Rock and Mineral Analysis

- *The Impact of Different Clay Mineral Types on the Irreducible Water Saturation in Tight Sandstone Reservoirs: A Case Study of the Lower Shihezi Formation in Hangjinqi Area, Ordos Basin
..... *WANG Lixin, GAO Qingsong, ZHOU Jialin, LIU Yan, CAO Qian, CHEN Ting, WANG Li* (821)
- Occurrence State of Rare Earth Elements in the Paleo-Weathering Crust of the Tieling Formation, Northern Hebei Province by X-Ray Diffraction and Electron Probe Microanalysis
..... *CHEN Haiyan, ZHANG Yunqiang, MAO Xiangju, LI Ruihong* (836)
- *A Pre-Treatment Method for the Determination of Organic Carbon Isotope Composition in Sedimentary Rocks
..... *YANG Zongcai, XU Xuemin, YANG Jiajia, SHEN Bin, YUAN Kun, ZHANG Xiaotao, XU Zhichao, ZHAI Jia* (847)
- Determination of Zirconium and Titanium in Marine Placer Deposits by ICP-OES with Alkali Fusion of Lithium Metaborate-Lithium Tetraborate Composite Flux
..... *ZHANG Yijun, ZHANG Yuhang, CHEN Yan, DENG Yan, WANG Jiahao* (858)
- Rare Earth Element Contents and Occurrence Forms in Weathering Crust Ion Adsorption Rare Earth Ore
..... *XIAO Xilian, GUO Min, SHAO Xin, TAN Juanjuan, WANG Lei, QIU Xiaofei* (866)
- Cassiterite U-Pb Dating with LA-MC-ICP-MS of the Laozhailing Cu-Sn Deposit, Yongzhou City, Hunan Province
..... *CUI Yurong, YANG Jun, TU Jiarun, XIAO Zhibin, ZHOU Hongying, YU Guangming, CUI Minli, LIU Jiufen* (880)
- Quantitative Detection of Gas-Liquid Inclusions in High-Purity Quartz Sand by Double Extreme Case Analysis
..... *FAN Ting, REN Zijie, ZHANG Qiankun, HE Yuhao, SONG Yuhan, LIU Zhi, XIANG Lu* (892)
- Establishment of Hyperspectral Prediction Model of Water Content in Anshan-Type Magnetite
..... *XIE Xiaoxiao, BAI Yang, ZHANG Jiuling, JIA Yuna* (901)

Research on Natural Resources Analysis

- *Influencing Factors of Dissolved Organic Carbon Isotope Determination in Water Samples of a Karst Area by Wet Oxidation Method
..... *YANG Hui, WU Xia, YU Jianguo, TANG Wei, LAN Gaoyong* (914)
- Determination of Silicon in Soil and Sediment by ICP-OES with Rapid Ultrasonic Digestion
..... *KONG Shengnan, XU Shi* (928)
- Determination of Organic Carbon in Soil and Sediment by the Elemental Analyzer with Silver Cup Digestion Method
..... *WANG Junjie, WANG Qiaohuan, XIONG Manyan, SONG Xiangmei, WANG Meie, FU Huimin, LI Hong, MENG Ling* (936)

Technical Exchange

- Determination of 35 Antibiotics in Surface Water by High Performance Liquid Chromatography-Tandem Mass Spectrometry with Online Solid-Phase Extraction and Large-Volume Injection
..... *LI Chaoqun, LI Lixiang, REN Yingjun, ZHAO Jinhua, HUANG Gang, ZHOU Shiyang, LIU Liping, JIANG Jingsi, LIANG Feng* (945)
- Determination of Harmful Elements in Flotation Products of a Gold Mine by ICP-MS with the Matrix-Matching Method
..... *LIU Qirong, CHU Bu, CHEN Shuhang, JIA Xiaoxu, ZHANG Zhihang, XIE Weining, WANG Shuai, FENG Peizhong* (957)

Reviews

- *Research Progress of Biochar Based Materials and Their Applications Using Electrochemical Sensors
..... *WANG Baoli, ZHANG Yijun, ZHANG Yuhang, CHEN Yan* (967)
- Research Progress on the Migration, Enrichment and Risk Assessment of Heavy Metals in a Soil-Grape System
..... *LU Hui, YU Tao, ZHAO Wanfu, WEN Qing, TANG Qifeng, LI Chang, ZHANG Liyue, HOU Qingye, YANG Zhongfang* (982)

Website of *Rock and Mineral Analysis*: <http://www.ykcs.ac.cn>

QQ Group: 249221689

E-mail: ykcs_zazhi@163.com

Editorial Office of *Rock and Mineral Analysis*: +8610-68999562 (Telephone)

Executive editors of this issue: XU Shurong, CHU Binbin, TONG Ling

Cope editor: Beijing Renhe Information Technology Co., Ltd.

★ The article is accompanied by a BRIEF REPORT.