

# 原书缺封面

## 目 次

- 电感耦合等离子体质谱中碰撞反应池的模拟探讨 ..... 韩建华, 孙传强, 汪 曩, 赵学玘, 蔡 彪(1)
- 阈值设定法对钢包眼面积的快速影像分析 ..... 韩灵生, 徐晓东, GEOFF Brooks(8)
- 电感耦合等离子体质谱法测定离子型稀土矿中离子相稀土总量及分量  
..... 施意华, 邱 丽, 唐碧玉, 杨仲平, 宋慈安, 古行乾(14)
- 火焰原子吸收光谱法测定铜-钛改性的碳/碳-碳化硅复合材料中高含量铜  
..... 邹爱兰, 韦秋云, 逯雨海(20)
- 小直径不锈钢棒样品的火花源原子发射光谱分析 ..... 韩宗才, 兰恩有, 丁彦凤, 李淑婷, 钱才让(24)
- 高氯酸脱水-重量法结合电感耦合等离子体原子发射光谱法测定富铈渣中二氧化硅  
..... 刘 春, 王 丹, 张翼明, 郭 昱(29)
- 粉末压片-X 射线荧光光谱法测定高炉除尘灰中钾铅锌砷 ..... 王德全, 于 青(34)
- X 射线荧光光谱法测定石灰石中多组分含量 ..... 吕善胜, 徐金龙, 田 琼, 洪武兴, 史亚晓(39)
- 电感耦合等离子体原子发射光谱法测定锡基巴氏合金中铟和铜 ..... 杜米芳(43)
- 电感耦合等离子体原子发射光谱法测定铸铁锅中 7 种对人体有害微量元素  
..... 王义惠, 黄小峰, 于 雷, 赵英飞, 唐晓林(48)
- 惰气熔融-红外吸收法测定药芯焊丝药粉中高含量氧 ..... 刘 攀, 杜丽丽, 聂富强(53)
- 交联壳聚糖对常见金属离子的吸附性能及机理探讨 ..... 邢 云, 李素娟, 李步海(58)
- 铈-高碘酸钾-固绿 FCF 体系催化动力学光度法测定痕量铈 ..... 宋学省(66)
- 硝酸银比浊法测定硫酸氧钒中氯离子 ..... 於利慧(70)
- 液-液微萃取分光光度法测定钢铁及合金中钒 ..... 王 彤, 曾 英, 张 璐, 徐进勇(73)
- 罗丹明 B-乙醇体系析相绿色萃取分离金 ..... 李玉玲, 司学芝, 钟 黎, 马万山(77)
- 广告目次(19); 2015 年期刊征订启事(《冶金分析》(13), 《理化检验-化学分册》(28), 《理化检验-物理分册》(38), 《分析测试学报》(80)); 赛默飞推出单四极杆气质多农残快速筛查方法(47); 2014 年中实国金第二批能力验证计划(I); 2014 年中实国金第一批能力验证计划还可继续报名项目(II); 中实国金能力验证计划报名须知(VI)

---

**Contents**

Discussion on the simulation of collision reaction cell in inductively coupled plasma mass spectrometry  
..... HAN Jian-hua, SUN Chuan-qiang, WANG Yan, et al. ( 1 )

Rapid image analysis of ladle eye area by threshold setting method  
..... HAN Ling-sheng, XU Xiao-dong, GEOFF Brooks( 8 )

Determination of total ionic-phase rare earth and component in ion-adsorption rare earth ore  
by inductively coupled plasma mass spectrometry  
..... SHI Yi-hua, QIU Li, TANG Bi-yu, et al. (14)

Determination of high content copper in carbon/carbon-silicon carbide  
composites modified with copper-titanium by flame atomic absorption spectrometry  
..... ZOU Ai-lan, WEI Qiu-yun, LU Yu-hai(20)

Analysis of stainless steel rod sample with small diameter by spark source atomic  
emission spectrometry ..... HAN Zong-cai, LAN En-you, DING Yan-feng, et al. (24)

Determination of silicon dioxide in niobium-enriched slag by perchloric acid  
dehydration-gravimetry combined with inductively coupled plasma atomic emission spectrometry  
..... LIU Chun, WANG Dan, ZHANG Yi-ming, et al. (29)

Determination of potassium, lead, zinc and arsenic in blast furnace dust by X-ray  
fluorescence spectrometry with pressed powder pellet ..... WANG De-quan, YU Qing(34)

Determination of multi-components in limestone by X-ray fluorescence spectrometry  
..... LÜ Shan-sheng, XU Jin-long, TIAN Qiong, et al. (39)

Determination of copper and antimony in tin based babbitt alloy by inductively coupled  
plasma atomic emission spectrometry ..... DU Mi-fang(43)

Determination of seven harmful micro elements for human body in cast iron pan by inductively coupled  
plasma atomic emission spectrometry ..... WANG Yi-hui, HUANG Xiao-feng, YU Lei, et al. (48)

Determination of high content oxygen in flux-cored powders by inert gas fusion-infrared  
absorption method ..... LIU Pan, DU Li-li, NIE Fu-qiang(53)

Discussion on the adsorption performance and mechanism of cross-linked chitosan to

common metal ions .....	XING Yun, LI Su-juan, LI Bu-hai(58)
Catalytic kinetic spectrophotometric determination of trace rhodium with rhodium-potassium periodate-fast green FCF system .....	SONG Xue-sheng(66)
Determination of chloride ion in vanadyl sulfate by silver nitrate turbidimetry .....	YU Li-hui(70)
Determination of vanadium in steel and alloy by liquid-liquid microextraction spectrophotometry .....	WANG Tong, ZENG Ying, ZHANG Lu, et al. (73)
Separation of gold in Rhodamine B-ethanol system by green extraction phase .....	LI Yu-ling, SI Xue-zhi, ZHONG Li, et al. (77)

## 声 明

为扩大本刊所载论文在国内外的学术影响,促进科技信息的广泛交流,本刊已同意国内外刊物、中国知网(CNKI)、万方数据资源系统、中文科技期刊数据库等摘引或转载本刊所登论文。凡投寄我刊稿件,本刊将视为已许可上述出版物引用。本刊所付稿酬已包括上述出版物稿酬。

# 原书缺封底