



1981年创刊

全国中文核心期刊 中国科学引文数据库来源期刊
中国科技论文统计源期刊 中文科技期刊数据库收录期刊
美国“CA”千种表中国化学化工类核心期刊 SCOPUS数据库收录期刊
美国《剑桥科学文摘》、英国《皇家化学学会系列文摘》收录期刊

ISSN1000-7571
CODEN: YEFEET

冶金分析

METALLURGICAL ANALYSIS
VOL.38 NO. 1



直读光谱仪 SPECTROLAB



销售热线: 400 100 3885
400 189 7733

spectro-china.sales@ametek.com

AMETEK[®]

MATERIALS ANALYSIS DIVISION

德国斯派克分析仪器公司

www.spectro.com.cn

ISSN 1000-7571



主办单位:
中国钢研科技集团有限公司
中国金属学会

1
2018

目 次

变形 FG H96 合金涡轮盘物理化学相分析	卢毓华,沈学静,李 杰,刘庆斌,付 锐,王 蓬(1)
20MnSi 钢连铸方坯的原位统计分布分析	左晓剑,成国光,李 晶(9)
我国能力验证项目研究热点可视化分析.....	毛月英,庞喜斌,唐凌天,佟艳春(16)
含铁量高的电弧炉烟尘固体废物综合表征.....	李 丽,郝雅琼(24)
熔融制样-波长色散 X 射线荧光光谱法测定铜精矿中主次成分	窦怀智,蒋晓光,张晓冬,褚 宁,丁 黎(29)
微合金钢中钛析出相的氯化钾-柠檬酸体系提取及各相的分离测定	邓军华,亢德华,王一凌(36)
电积分离铜-分光光度法测定铜浸出液中活性硅	陈丽梅,罗正波,陈 兰(42)
304 不锈钢与 200 系列不锈钢识别剂的研制及其应用	王娇娜,周西林,刘 迪,苏中华,黄晴晴(47)
氢还原重量法测定纯铈粉和铈粉的灼烧损失量	李 勇,贺小塘,赵 雨,刘 文,张选冬,韩守礼(53)
电位滴定法测定齿轮酸蚀检测用酸蚀液、漂液总酸度.....	刘守江(58)
铅试金重量法结合原子吸收光谱法测定银钯精矿中银	魏 巍(64)
微波消解-电感耦合等离子体原子发射光谱法测定废脱硝催化剂中钨和钛	郭国龙,杨丹丹,王春叶(70)
控制图在铜精矿中银含量检测质控管理中的应用	康 菁,王静中,赵 静(75)
广告目次(23),《冶金分析》域名变更通知(35),《分析测试统计方法和质量控制》书讯(46),《冶金分析》2016 年影响因子(52),《冶金分析》入选“第 4 届中国精品科技期刊”(63),《冶金分析》投稿须知(I)	

Contents

Physical and chemical phase analysis of turbine disk of wrought FGH96

..... LU Yu-hua, SHEN Xue-jing, LI Jie, LIU Qing-bin, FU Rui, WANG Peng(1)

Original position statistic distribution analysis of the continuous casting billet of 20MnSi steel

..... ZUO Xiao-jian, CHENG Guo-guang, LI Jing(9)

Visualization map analysis of research hotspots in proficiency testing in China

..... MAO Yue-ying, PANG Xi-bin, TANG Ling-tian, TONG Yan-chun(16)

Solid waste identification of electric arc furnace dust containing high content iron

..... LI Li, HAO Ya-qiong(24)

Determination of major and minor component in copper concentrate by wavelength dispersive X-ray
fluorescence spectrometry with fusion sample preparation

..... DOU Huai-zhi, JIANG Xiao-guang, ZHANG Xiao-dong, CHU Ning, DING Li(29)

Separation and determination of titanium precipitates in micro-alloyed steel after extracted by potassium
chloride-citric acid system

DENG Jun-hua, KANG De-hua, WANG Yi-ling(36)

Determination of active silicon in copper leaching solution by spectrophotometry after copper separation
via electrodeposition

CHEN Li-mei, LUO Zheng-bo, CHEN Lan(42)

Development and application of identification agent for 304 stainless steel and 200 series stainless steel

..... WANG Jiao-na, ZHOU Xi-lin, LIU Di, SU Zhong-hua, HUANG Qing-qing(47)

Determination of ignition loss of pure rhodium powder and iridium powder by hydrogen reduction

gravimetry

LI Yong, HE Xiao-tang,
ZHAO Yu, LIU Wen, ZHANG Xuan-dong, HAN Shou-li(53)

Determination of total acidity in acid etching solution and bleaching solution for gear acid etching detection

by potentiometric titration

万方数据

LIU Shou-jiang(58)

Determination of silver in silver-palladium concentrate by lead fire assaying gravimetry combined with atomic absorption spectrometry WEI Wei(64)

Determination of tungsten and titanium in waste denitration catalyst by microwave digestion -inductively coupled plasma atomic emission spectrometry GUO Guo-long ,YANG Dan-dan , WANG Chun-ye(70)

Application of control chart in quality control management during determination of silver in copper concentrate KANG Jing , WANG Jing-zhong , ZHAO Jing (75)

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。