

试验与研究(Research Papers)

基于正丁醚在纳米氧化锌表面的催化发光设计制造的正丁醚传感器测定空气中正丁醚的含量

张国义,付予锦,吴金城,徐新然,秦明刚,熊书书,张仟春(1117)

全二维气相色谱-飞行时间质谱法测定焦化废水中多环芳烃含量及此类废水中整体有机物组成的评估

何晓蕾,洪涛,张毅(1122)

超高效液相色谱-串联质谱法测定莲雾中 51 种农药残留量

乐渊,刘春华,张振山,李春丽(1129)

顶空-气相色谱-质谱指纹图谱应用于烟用香精中主成分测定

惠非琼,姬厚伟,刘剑,黄森,阮艺斌,王芳(1138)

工作简报(Brief Notes)

加速溶剂萃取-液相色谱法测定 PM_{2.5} 中 18 种多环芳烃

魏沙沙,陈锦超,张婉,饶梦囡,冯甜甜,董雪玲(1142)

高分辨率分光系统-连续光源原子吸收光谱法测定铀铋铅矿重选流程样品中铅的含量

张宏丽,姚明星,肖芳,倪文山,高小飞(1149)

高效液相色谱-串联质谱法测定食用槟榔中 4 种黄曲霉毒素的含量

梁振纲,徐志伟,孟茹,邓世明,范广宇,谢宏洋(1153)

电感耦合等离子体质谱法测定高纯铌中 20 种痕量杂质元素

刘洁,陈忠颖,刘巍,郭颖(1158)

高速逆流色谱法分离当归挥发油中有效成分藁本内酯及其气相色谱-质谱法的分析和鉴别

金晶,童胜强(1163)

电感耦合等离子体质谱法测定风电机组齿轮油中铅、砷、铬、镉的含量

王新生,吴升德(1168)

分散液相微萃取-气相色谱-质谱法测定环境水样中 5 种芳香胺的含量

丁明珍,彭璟,马少玲,姜勇,秦文璟(1172)

以自制的吗啡脂质体免疫传感器为工作电极差示脉冲伏安法测定尿液中吗啡的含量

陈升俊,钟心慧,张兴宇,章之浩,时巧翠(1177)

分散固相萃取-气相色谱-质谱法测定干紫菜中 16 种多环芳烃

范广宇,吴璘,孟祥龙,段蕊,段宏安,梁振纲(1182)

气相色谱法测定新型卷烟气溶胶中水、烟碱、1,2-丙二醇和丙三醇的含量

张丽,王维维,张小涛,胡硕,姬厚伟,万强,陈永芳,刘剑(1188)

顶空固相微萃取-气相色谱-质谱法测定软木塞中愈创木酚的含量

白森,张灿,甘雨然,张明露,安代志,王强,孙如宝(1194)

气相色谱法测定多糖样品中单糖的含量

司雄元,牛子牛,储思琴,孙敏,殷长玉,熊科胜,徐冠华,刘伟,陆宁(1198)

实验室管理(Laboratory Management)

两种稳健统计法在石油产品能力验证结果分析中的比较

丘晖饶(1202)

知识与经验(Practical Experiences)

杜马斯燃烧法测定烟草中总氮的含量

洪流,索卫国,李福龙,郭磊,廖堃,张翼(1207)

分散固相萃取-气相色谱-质谱法测定烟用接装纸中二异丙基萘的含量

章平泉,许嵩飞,杜秀敏,韩丽萍,李青(1210)

X射线荧光光谱法测定煤灰中主次成分的精密度试验

吴锁贞,张孟群,程健林,张华(1213)

乙二胺四乙酸二钠络合滴定法测定离子混合液中铝离子的含量

韩双乔,马楠楠,职红涛,冯修,张翔(1218)

谱线拟合校正-电感耦合等离子体原子发射光谱法测定钢铁中锌的含量

任玲玲,戚振南,王兵(1222)

综述(Review)

化学蒸气发生进样技术在原子光谱分析应用中的进展

沈宇,刘坤,郭跃安,孙冬娥,冯玉怀,李日升(1225)

火灾现场易燃液体残留物鉴定中的基质干扰

程芳彬,孙振文,刘占芳,张冠男,乔婷,刘耀(1234)

综合信息(Comprehensive Information)

()

()

()

()

广告(封页,目次前,第1240页后)

试验与研究(Research Papers)

Designing and Fabrication of Cataluminescence Sensor for Determination of *n*-Butyl Ether in Air Based on the Cataluminescence Action of *n*-Butyl Ether at the Surface of Nano-ZnO

ZHANG Guoyi, FU Yujin, WU Jincheng, XU Xinran, QIN Minggang, XIONG Shushu, ZHANG Qianchun (1117)

Determination of Poly-aromatic Hydrocarbons in Coking Wastewater by Comprehensive 2-Dimensional GC-TOF-MS and Comment on Total Composition of Organic Components in the Wastewater

HE Xiaolei, HONG Tao, ZHANG Yi(1122)

UPLC-MS/MS Determination of 51 Pesticide Residues in *Syzygium Samarangense*

LE Yuan, LIU Chunhua, ZHANG Zhenshan, LI Chunli(1129)

Application of HS-GC-MS Fingerprint Spectra to Determination of Main Components in Tobacco Flavor

HUI Feiqiong, JI Houwei, LIU Jian, HUANG Miao, RUAN Yibin, WANG Fang(1138)

工作简报(Brief Notes)

Determination of 18 Polycyclic Aromatic Hydrocarbons in PM_{2.5} by Liquid Chromatography with Accelerated Solvent Extraction

WEI Shasha, CHEN Jinchao, ZHANG Wan, RAO Mengnan, FENG Tiantian, DONG Xueling(1142)

Determination of Lead in Gravity Separation Process Samples from U-Nb-Pb Polymetallic Ore by High Resolution Optical Monochromatic System-Continuum Source Atomic Absorption Spectrometry

ZHANG Hongli, YAO Mingxing, XIAO Fang, NI Wenshan, GAO Xiaofei(1149)

HPLC-MS/MS Determination of 4 Aflatoxins in Edible Areca-Nut

LIANG Zhengang, XU Zhiwei, MENG Ru, DENG Shiming, FAN Guangyu, XIE Hongyang(1153)

Determination of 20 Trace Impurity Elements in High-Purity Niobium by Inductively Coupled Plasma Mass Spectrometry

LIU Jie, CHEN Zhongying, LIU Wei, GUO Ying(1158)

Separation of an Effective Component of Ligustilide from Volatile Oil of *Angelica Sinensis* by High Speed Counter Current Chromatography and Its Analysis and Identification by GC-MS

JIN Jing, TONG Shengqiang(1163)

ICP-MS Determination of Lead, Arsenic, Chromium and Cadmium in Gear Oil Used in Wind-Driven Generator

WANG Xinsheng, WU Shengde(1168)

Determination of 5 Aromatic Amines in Environmental Water Sample by GC-MS with Dispersive Liquid-liquid Microextraction

DING Mingzhen, PENG Jing, MA Shaoling, JIANG Yong, QIN Wenjing(1172)

DPV Determination of Morphine in Urine Using Self-Prepared Working Electrode of Morphine Liposome Immunosensor

CHEN Shengjun, ZHONG Xinhui, ZHANG Xingyu, ZHANG Zhihao, SHI Qiaocui(1177)

Determination of 16 Polycyclic Aromatic Hydrocarbons in Dry Prophyra by Gas Chromatography-Mass Spectrometry with Dispersive Solid Phase Extraction

FAN Guangyu, WU Jin, MENG Xianglong, DUAN Rui, DUAN Hongan, LIANG Zhengang(1182)

GC Determination of Water, Nicotine, 1,2-Propylene Glycol and Glycerol in the Aerosol of Heat-not-Burn Cigarettes

ZHANG Li, WANG Weiwei, ZHANG Xiaotao, HU Shuo, JI Houwei, WAN Qiang, CHEN Yongfang, LIU Jian(1188)

Determination of Guaiacol in Cork Stopper by GC-MS with Headspace Solid-Phase Microextraction

BAI Miao, ZHANG Can, GAN Yuran, ZHANG Minglu, AN Daizhi, WANG Qiang, SUN Rubao(1194)

GC Determination of Monosaccharides in Polysaccharides Samples

SI Xiongyuan, NIU Ziniu, CHU Siqin, SUN Min, YIN Changyu, XIONG Kesheng, XU Guanhua, LIU Wei, LU Ning(1198)

实验室管理(Laboratory Management)

Application of Two Robust Statistical Methods to the Evaluation of Proficiency Testing Results for Petroleum Products

Qiu Huirao(1202)

知识与经验(Practical Experiences)

HONG Liu, SUO Weiguo, LI Fulong, GUO Lei, LIAO Fang, ZHANG Yi(1207)

Determination of Diisopropyl Naphtalene in Tipping Paper for Cigarette by D-SPE/GC-MS

ZHANG Pingquan, XU Aifei, DU Xiumin, HAN Liping, LI Qing(1210)

Experimental Studies on the Precision of Major and Minor Content in Coal Dust by X-Ray Fluorescence Analysis

WU Suozhen, ZHANG Mengqun, CHENG Jianlin, ZHANG Hua(1213)

EDTA-Indirect Determination of Aluminium ion in the ion Mixed Solution

HAN Shuangqiao, MA Nannan, ZHI Hongtao, FENG Xiu, ZHANG Xiang(1218)

Determination of Zinc in Steel by Inductively Coupled Plasma Atomic Emission Spectrometry with Spectrum Fitting Correction

REN Lingling, QI Zhennan, WANG Bing(1222)

综述(Review)

Progress in Application of Chemical Vapor Generation for Sample Introduction Technology to Atomic Spectrometry

SHEN Yu, LIU Kun, GUO Yue'an, SUN Dong'e, FENG Yuhuai, LI Risheng(1225)

Matrix Interference in Identification of Ignitable Liquid Debris on Fire Site

CHENG Fangbin, SUN Zhenwen, LIU Zhanfang, ZHANG Guannan, QIAO Ting, LIU Yao(1234)