



美国工程索引 (EI) 收录期刊
 中文核心期刊
 中国科技论文统计源期刊
 中国科学引文数据库源期刊

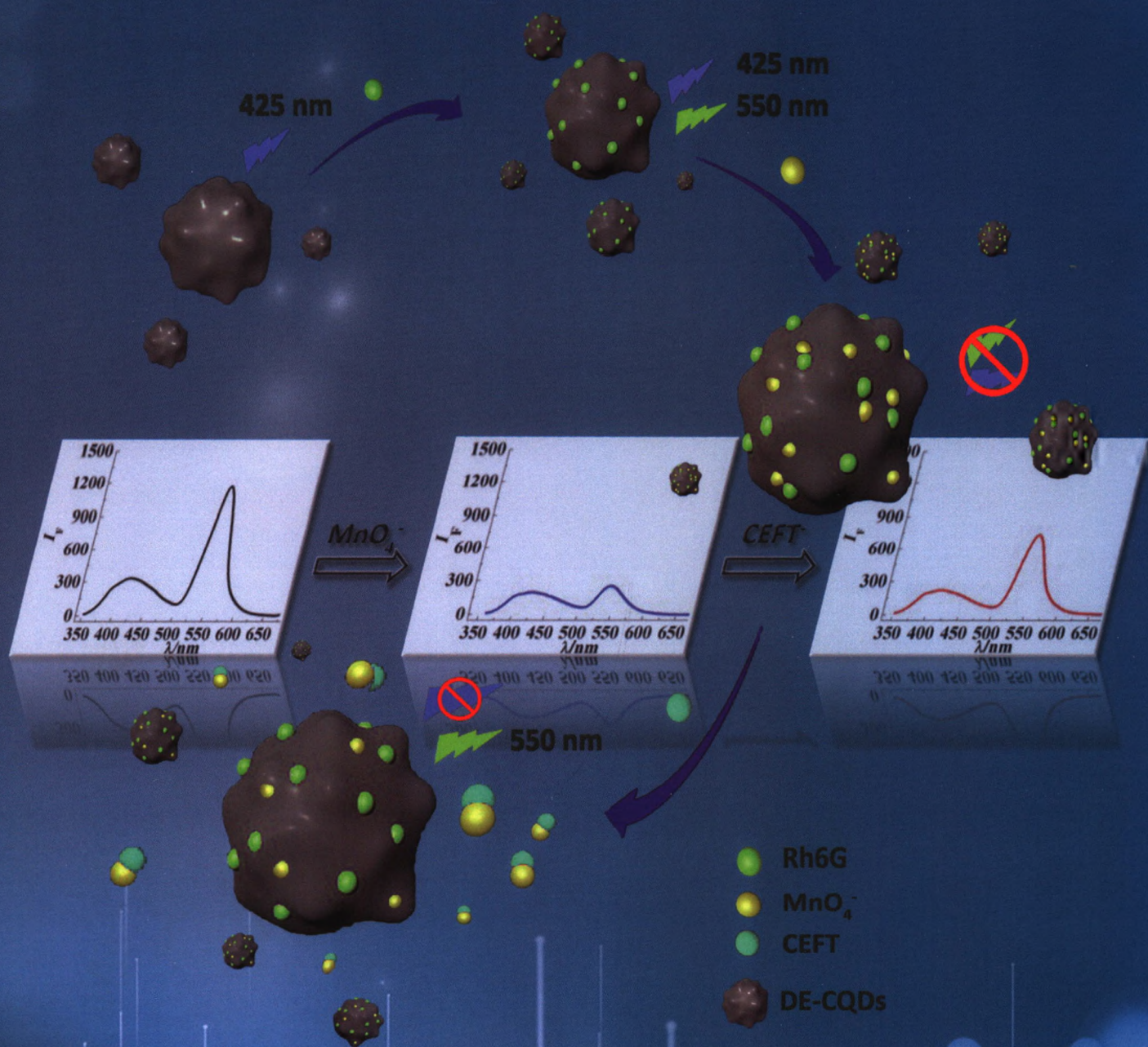


HIYANSHI
 000-0720
 2017/TF
 CODEN FENSE4

分析实验室

Vol.41 No.2
 2022

Chinese Journal of Analysis Laboratory



<http://www.analab.cn>

中国科学技术协会
 中国有色金属学会
 有研科技集团

主管
 主办



分析实验室

FENXI SHIYANSHI

第 41 卷 第 2 期 2022 年 2 月

目 次

研究报告与研究简报

- 125 CuNi/ β -环糊精/还原氧化石墨烯修饰电极电化学检测多巴胺 伏姗姗,竺 园*,贺东辉
- 130 3-羟基邻苯二甲酰亚胺全水溶性次氯酸荧光探针及其应用
..... 张春香,刘 旭,靳俊玲,申有名,谷 标*
- 135 超声-气相联合扩散法快速合成 ZIF-8 用于硝基芳香化合物炸药的传感
..... 赵轶鸣,胡钟飞,陈 宇,丁玉洁*
- 141 GC-MS/MS 法测定沉积物和生物样品中邻苯二甲酸酯
..... 时衍伟,王刘勇,张蓉蓉,张泽明,孙爱丽*,史西志
- 147 基于 CoFe(III)PBA/GO 过氧化物模拟酶化学发光法检测 H_2O_2 和抗坏血酸
..... 吴 凡,卢朝粉,李佳昕,刘梦婷,周川华*
- 152 基于头孢他啶测定的 CQDs 内标型比率荧光探针的构建
..... 王清清,张越诚*,张 洁,武文波,李 莹,马红燕*
- 158 基于显微共聚焦拉曼光谱技术快速检测 3 种梭菌中肉毒梭菌 张 进,姜 红*,徐雪芳
- 163 水产品中肿蛋白的提取方法研究 程 伟,邱海鸥*
- 166 一种基于三苯胺类共轭聚合物荧光信号开启的汞离子检测方法 田 勇*,辛芳云,张小玲*

* 通信作者

- 171 基于氧化锌/碳纳米纤维材料的氧氟沙星电化学传感器的构建及应用
 王朝琳,魏友利,李 薇,韩 梅,司晓晶*
- 175 水中易释放氰化物能力验证样品的研制及应用.....
 李花花,宁远英,张智渊,邢小茹,孙自杰,刘 涛*
- 180 孔雀石绿的磁性免疫层析快速检测方法研究 ... 孙 虹,戴晓娜,蔡杨杨,陆亦宽,卢 瑛*,谢 晶
- 187 固相萃取-高效液相色谱法同时测定牛奶中 22 种磺胺类兽药残留
 赵 寅,卢 玉,刘桂亮,戴 琨,公丕学*,刘艳明*,薛 霞
- 192 基于羟基化酞菁锌 - 石墨烯纳米材料的和厚朴酚电化学传感器的构建及其应用.....
 陈志红,张俊霞,史艳梅*,苗明三,李秀敏
- 197 液相色谱 - 串联质谱法检测水产品中脱氢胆酸残留 徐文泱*,李 灿,陈同强,向 俊
- 201 基于甲基苯丙胺和吗啡的胶体金免疫层析试剂盒检测法的可靠性评价.....
 陈晓洁,范鑫雨,张大海*,李先国
- 207 辉光放电质谱法测定稀土矿中的 15 种稀土元素
 张其凯,汤云腾,袁晓红,宋立军*

综述

- 212 高灵敏光学和电化学适配体传感器在真菌毒素快速检测中的研究进展.....
 关凯仪,黄仁堂,张 磊*,王淑美*
- 225 金属有机骨架材料在吸附分离大气污染物中的应用 李 佳,苗 萌,潘洪志*
- 232 表面增强拉曼光谱技术在食品检测中的应用研究进展.....
 邓素梅,刘 厦,康 凯,李光华,康维钧*,高志贤*
- 240 适配体传感器检测凝血酶的研究进展 王 洋,吴苙铃,王修涵,薛建江*

封面图片:基于头孢他啶测定的 CQDs 内标型比率荧光探针的构建(王清清,张越诚,张 洁,武文波,李莹,马红燕)

征订启事

《理化检验 - 化学分册》(170)

CONTENTS

Scientific Papers and Research Notes

- 125 CuNi/ β -cyclodextrin/reduced graphene oxide modified electrode for electrochemical detection of dopamine FU Shanshan, ZHU Yuan*, HE Donghui
- 130 A 3-hydroxyphthalimide based full water-soluble fluorescent probe for hypochlorous acid and its application ZHANG Chunxiang, LIU Xu, JIN Junling, SHEN Youming, GU Biao*
- 135 Rapid synthesis of ZIF-8 by a combined ultrasound-vapor phase diffusion method for nitroaromatic explosives sensing ZHAO Yiming, HU Zhongfei, CHEN Yu, DING Yujie*
- 141 Determination of phthalate esters in sediments and biological samples by GC-MS/MS
..... SHI Yanwei, WANG Liuyong, ZHANG Rongrong, ZHANG Zeming, SUN Aili*, SHI Xizhi
- 147 Chemiluminescence detection of hydrogen peroxide and ascorbic acid based on CoFe(III) PBA/GO mimetic peroxidase WU Fan, LU Chaofen, LI Jiaxin, LIU Mengting, ZHOU Chuanhua*
- 152 Construction of a novel ratio fluorescent probe based on using carbon quantum dots as internal standard for ceftazidime determination WANG Qingqing, ZHANG Yuecheng*,
ZHANG Jie, WU Wenbo, LI Ying, MA Hongyan*
- 158 Rapid detection of *Clostridium botulinum* among three clostridia based on confocal Raman spectroscopy Zhang Jin, Jiang Hong*, Xu Xuefang
- 163 Study on the extraction of arsenic binding protein in aquatic products CHENG Wei, QIU Haiou*
- 166 Triphenylamines-substituted conjugated polymer as a turn-on fluorescent probe for detecting Hg²⁺
..... TIAN Yong*, XIN Fangyun, ZHANG Xiaoling*
- 171 Construction and application of electrochemical sensor for ofloxacin detection based on zinc oxide/carbon nanofiber WANG Chaolin, WEI Youli, LI Wei, HAN Mei, SI Xiaojing*
- 175 Preparation and application of proficiency testing sample of easy cyanide-release in water
..... LI Huahua, NING Yuanying, ZHANG Zhiyuan, XING Xiaoru, SUN Zijie, LIU Tao*
- 180 Study on the rapid detection method of malachite green by magnetic immunochromatography
..... SUN Hong, DAI Xiaona, CAI Yangyang, LU Yikuan, LU Ying*, XIE Jing

* The author to whom the correspondence should be addressed

- 187 Determination of 22 sulfonamides residues in milk by high performance liquid chromatography coupled with solid phase extraction ZHAO Yin, LU Yu, LIU Guiliang, DAI Kun, GONG Pixue*, LIU Yanming*, XUE Xia
- 192 Construction and application of honokiol electrochemical sensor based on zinc hydroxyphthalocyanine functionalized graphene oxide nanocomposite CHEN Zhihong, ZHANG Junxia, SHI Yanmei*, MIAO Mingsan, LI Xiumin
- 197 Determination of dehydrocholic acid residue in aquatic products by liquid chromatography-tandem mass spectrometry XU Wenyang*, LI Can, CHEN Tongqiang, XIANG Jun
- 201 Reliability evaluation of diagnostic kit (colloidal gold) for methamphetamine and morphine detection CHEN Xiaojie, FAN Xinyu, ZHANG Dahai*, LI Xianguo
- 207 Determination of 15 rare earth elements in rare earth ores by GD-MS ZHANG Qikai, TANG Yunteng, YUAN Xiaohong, SONG Lijun*

Reviews

- 212 A review on the advances of aptamer-based optical and electrochemical biosensors for rapid and sensitive detection of mycotoxins GUAN Kaiyi, HUANG Rentang, ZHANG Lei*, WANG Shumei*
- 225 Application of metal organic frameworks for adsorption and separation of air pollutants LI Jia, MIAO Meng, PAN Hongzhi*
- 232 Application advances of surface-enhanced Raman spectroscopy in food detection DENG Sumei, LIU Sha, KANG Kai, LI Guanghua, KANG Weijun*, GAO Zhixian*
- 240 Advances in the detection of thrombin by aptamer sensors WANG Yang, WU Jiangling, WANG Xiuhan, XUE Jianjiang*

Cover: Construction of a novel ratio fluorescent probe based on using carbon quantum dots as internal standard for ceftazidime determination (WANG Qingqing, ZHANG Yuecheng*, ZHANG Jie, WU Wenbo, LI Ying, MA Hongyan)

分析实验室

第41卷 第2期 2022年2月
1982年创刊(月刊)

Chinese Journal of Analysis Laboratory

Vol. 41 No. 2 February 2022
Started in 1982 (Monthly)

主管 中国科学技术协会
主办 中国有色金属学会
有研科技集团有限公司
编辑出版 有科期刊出版(北京)有限公司
(北京新街口外大街2号,100088,
电话:010-82013328)
网址: www.analab.cn
E-mail: analysislab@263.net
主编 周旗钢
印刷 北京圣品风尚科技发展有限公司
国内总发行 北京市报刊发行局
国内订购 全国各地邮局,邮发代号 82-431
国外发行 中国国际图书贸易总公司(北京399信箱)
国外代号 M848

Administrated by China Association for Science and Technology
Sponsored by The Nonferrous Metals Society of China
GRINM Group Co., Ltd.
Edited and Published by Youke Publishing Co., Ltd.
(No. 2, Xijiekouwai Street, Beijing 100088, China)
E-mail analysislab@263.net
Homepage http://www.analab.cn
Editor-in-chief ZHOU Qigang
Printed by Beijing Shengpinfengshang Technology Development
Co., Ltd.
Overseas Distributor China International Book Trading
Corporation (P. O. Box 399, Beijing 100044, China)
Code No. M848

本刊所载文章版权归有科期刊出版(北京)有限公司所有

刊号:ISSN 1000-0720/CN 11-2017/TF

广告经营许可证:京西市监广登字 20170205 号

2022年2月15日出版 定价:100.00元

ISSN 1000-0720



9 771000 072229