

化学研究与应用

2021年(第33卷)第4期

目 次

评论与综述

- 磁性固相萃取在检测抗抑郁药中的应用进展 赵凌艺, 杨瑞琴 (585)
- 3D 石墨烯基气凝胶的制备及在超级电容器中的应用 田 杰, 王元有, 孙岳玲 (593)

研究论文

- 阿拉伯糖基有序介孔碳修饰电极检测盐酸奈福泮的研究 樊静静, 程 昊, 陈育蓉, 李学暖, 王桂香, 唐婷范 (600)
- 轮胎橡胶多组分分析方法的研究 金 一, 苍飞飞 (607)
- 超声辅助悬浮有机液滴固化微萃取结合 UV 测定新型抗艾滋病药 ACC007 刘玉婷, 李 昕, 龚爱琴, 钱 琛, 金党琴 (615)
- 气体在不同离子液体中电化学响应灵敏度的研究 毕 强, 张泽坤, 张娱藤, 薛娟琴 (621)
- 可用于尾矿库区污染控制的生态修复剂的制备及性能研究 李美兰, 李露露, 谭浩杰, 龚 伟, 穆凯飞, 谢 浩, 刘白玲 (630)
- 雪松醇纳米乳的配方设计及表征 汤陆扬, 杨 敏, 付阳洋, 陈 毅, 彭黔荣, 杨培昕, 谢有超 (639)
- 两类 heb 网络构筑的三维柱层结构 Ni(II) 基金属-有机框架化合物 徐中轩, 李立凤, 白旭玲, 陈雪婷 (646)
- 吡啶联喹啉酮衍生物的设计、合成与抗菌活性研究 乐 意, 陈冬梅, 陈玉梅, 杨致松, 鄢龙家, 欧阳贵平 (652)
- 一种苯并咪唑衍生物的合成及对 Mg^{2+} 的识别研究 唐宏伟, 王 鑫, 王 超, 钟克利, 汤立军, 边延江 (659)
- 含(4,4'-二氟苯)甲酮脲官能团的 1,2,3-三氮唑衍生物的合成及抗菌活性研究 梁 萌, 罗瑞强, 肖红柳, 郭少鹏, 李清寒 (664)
- PdAg/MIL-101(Fe) 催化 $NaBH_4$ 水解制氢 刘婧文, 崔凤娟, 刘 悦, 郑晓琦, 曹艳珍 (672)
- Schiff 碱 Cu(II) 配合物的合成, 表征, 及其抑制脲酶活性的机理研究 黄兆玮, 王趁义, 董 磊, 王凤玲 (681)
- Fe_3O_4/HA 复合吸附剂对 Ni(II) 的吸附性能研究 苏可心, 颜会全, 郑 瑶, 李静萍 (689)
- CuInS₂/CdS 基掺杂纳米晶的晶体结构、光谱性质及性能调控研究 李仁杰, 李园利, 李茜娅, 郭宝刚, 刘海峰, 谢瑞士 (699)
- 具有新型梯形双金属链的钨羧酸-膦酸配合物的晶体结构及其发光性质研究 徐 艳 (708)
- 普通小球藻对 CTAC 污染胁迫的响应及耐受能力研究 耿伟伟, 倪维铭, 李文芳, 肖新峰 (715)

研究简报

- 四甲基联苯胺显色光度法测定过氧化氢酶活性 董 娜, 赵红强, 张作瑞, 白 莹, 张小林 (720)
- 含二茂铁基多环吡咯烷的合成 张文生, 许文静, 肖合全, 左国强, 苏小莉, 任艳敏, 李 焱 (726)
- 2-二氟甲氧(硫)基吡啶-5-硼酸频哪醇酯类化合物的合成 吴清梅, 张秋艳, 黄朋越, 周志旭 (731)
- 聚苯胺复合二氧化钛的制备及其降解硝基苯研究 左志芳, 杨瑞洪, 王元有, 罗志臣, 朱腾义 (735)
- 总氮测定过程中空白吸光值偏高的原因分析 王小剑, 张海霞, 蔡昂祖, 武晓琪 (741)
- X 射线荧光光谱法结合多元统计学对热敏纸的检验研究 贾 镇, 姜 红, 李晟全, 吴浩泽, 满 吉 (749)
- Mg-Al LDH 的制备及 Mg-Al LDH/H₂O₂ 体系降解水中环丙沙星的研究 肖伽励, 周龙生, 王元有, 王升文, 尤双宇, 金党琴 (755)

新技术与应用

- Ag^+ 存在下催化还原铬黑 T 及应用于 Ag^+ 检测 郭永艳, 党铭铭, 田雁飞, 杨 萍, 龙云飞 (761)
- 2-氨基-4-氟吡啶合成工艺研究 张成新, 冯 伟, 李秋霞, 李善清, 孟 焯 (767)
- S1P3 受体拮抗剂 TY-52156 的合成工艺优化 樊玲玲, 刘永淑, 罗忠福, 汤 磊, 李 永 (772)

中文目次(封2) 英文目次(封3)

期刊基本参数: CN 51-1378/O6 * 1989 * b * 16 * 192 * zh+en * P * ¥10.00 * 1250 * 28 * 2021-04

Contents

Reviews and Summary Accounts

- Application of magnetic solid phase extraction in the detection of antidepressants ZHAO Ling-yi, YANG Rui-qin (585)
- Preparation of 3D graphene-based aerogels and its application in supercapacitors TIAN Jie, WANG Yuan-you, SUN Yue-ling (593)

Academic Papers

- Preparation of arabinosaccharide ordered mesoporous carbon modified electrode for the determination of Nefopam hydrochloride FAN Jing-jing, CHENG Hao, CHEN Yu-rong, LI Xue-nuan, WANG Gui-xiang, TANG Ting-fan (600)
- Establishment of multi-component analysis method for tire rubber JIN Yi, CANG Fei-fei (607)
- Ultrasound-assisted solidification of floating organic drop micro extraction coupled to UV spectrometry for the determination of a new anti-AIDS drug ACC007 LIU Yu-ting, LI Xin, GONG Ai-qin, QIAN Chen, JIN Dang-qin (615)
- Study of the electrochemical response sensitivity of gases in different ionic liquids BI Qiang, ZHANG Ze-kun, ZHANG Yu-teng, XUE Juan-qin (621)
- Preparation and properties of ecological remediation agent for pollution control in tailings reservoir area LI Mei-lan, LI Lu-lu, TAN Hao-jie, GONG Wei, MU Kai-fei, XIE Hao, LIU Bai-ling (630)
- Formulation design and characterization of cedrol nanoemulsion TANG Lu-yang, YANG Min, FU Yang-Yang, CHEN Yi, PENG Qian-rong, YANG Pei-xn, XIE You-chao (639)
- 3D Ni-MOF with pillared-layer structure constructed by two hcb nets XU Zhong-xuan, LI Li-feng, BAI Xu-ling, CHEN Xue-tin (646)
- Design, synthesis and antibacterial activity of pyridylquinazoline derivatives LE Yi, CHEN Dong-mei, CHEN Yu-mei, YANG Zhi-song, YAN Long-jia, OUYANG Gui-ping (652)
- Synthesis of a benzimidazole derivative and recognition of Mg^{2+} TANG Hong-wei, WANG Xin, WANG Chao, ZHONG Ke-li, TANG Li-jun, BIAN Yan-jiang (659)
- Synthesis and antibacterial activity of 1,2,3-triazole derivatives containing(4,4'-difluorobenzene) ketone oxime ether LIANG Meng, LUO Rui-qiang, XIAO Hong-liu, GUO Shao-peng, LI Qing-han (664)
- PdAg/MIL-101(Fe) catalysts for hydrogen generation from the hydrolysis of sodium borohydride LIU Jing-wen, CUI Feng-juan, LIU Yue, ZHENG Xiao-qi, CAO Yan-zhen (672)
- Synthesis, characterization and mechanism of urease inhibition of Cu(II) complex of Schiff base HUANG Zhao-wei, WANG Chen-yi, DONG Lei, WANG Feng-ling (681)
- Study on the adsorption performance of Fe_3O_4 /HA composite adsorbent for Ni(II) ion SU Ke-xin, YAN Hui-quan, ZHENG Yao, LI Jing-ping (689)
- Crystal structure, spectral properties and performance tailoring of $CuInS_2$ /CdS based doped colloidal nanocrystals LI Ren-jie, LI Yuan-li, LI Xi-ya, GUO Bao-gang, LIU Hai-feng, XIE Rui-shi (699)
- Europium carboxylate-phosphonate with a new ladder-like double chains exhibiting luminescence properties XU Yan (708)
- Response and tolerance of *Chlorella vulgaris* to cetyltrimethyl ammonium chloride GENG Wei-wei, NI Wei-ming, LI Wen-fang, XIAO Xin-feng (715)

Research Notes

- Determination of catalase activity by tetramethylbenzidine spectrophotometric method DONG Na, ZHAO Hong-qiang, ZHANG Zuo-rui, BAI Ying, ZHANG Xiao-lin (720)
- Synthesis of ferrocenyl-containing polycyclic pyrrolidines ZHANG Wen-sheng, XU Wen-jing, XIAO He-quan, ZUO Guo-qiang, SU Xiao-li, REN Yan-min, LI Yan (726)
- Synthesis of 2-difluoromethoxy(thio)pyridine-5-boronic acid pinacol esters WU Qing-mei, ZHANG Qiu-yan, HUANG Peng-yue, ZHOU Zhi-xu (731)
- Study on preparation of composite by polyaniline and titanium dioxide and its degradation of nitrobenzene ZUO Zhi-fang, YANG Rui-hong, WANG Yuan-you, LUO Zhi-cheng, ZHU Teng-yi (735)
- Cause analysis of high blank absorbance in determination of total nitrogen WANG Xiao-jian, ZHANG Hai-xia, CAI Ang-zu, WU Xiao-qi (741)
- X-ray fluorescence spectrometry combined with multivariate statistics for thermal paper JIA Zhen, JIANG Hong, LI Sheng-quan, WU Hao-ze, MAN Ji (749)
- Study on degradation of CIP from waste water by Mg-Al LDH/ H_2O_2 system XIAO Jia-li, ZHOU Long-sheng, WANG Yuan-you, WANG Sheng-wen, YOU Shuang-yu, JIN Dang-qin (755)

New Techniques and Application

- Catalytic reduction of chromium black T in the presence of Ag^+ and its application in Ag^+ detection GUO Yong-yan, DANG Ming-ming, TIAN Yan-fei, YANG Ping, LONG Yun-fei (761)
- Synthesis research of 2-amino-4-fluoropyridine ZHANG Cheng-xin, FENG Wei, LI Qiu-xia, LI Shan-qing, MENG Ye (767)
- Optimization of synthesis process of S1P3 receptor antagonist TY-52156 FAN Ling-ling, LIU Yong-shu, LUO Zhong-fu, TANG Lei, LI Yong (772)