

上海师范大学学报

自然科学版中英文

目 次

炭黑负载的 CeO ₂ 纳米粒子修饰电极用于电化学测定双酚 A	蔡文静, 靳婉, 张炎, 祝宁宁 (1)
基于 N-Ce-CDs, Au@ZIF-L 的电化学发光体系检测谷胱甘肽... 唐春元, 向莉, 杨敏丽 (8)	
Au NCs@Zr-MOG 和 Ru@Fe-MOG 构建比率电化学发光分子印迹传感器及其对多巴胺的灵敏检测	王宇昕, 刘祥苗, 杨敏丽 (19)
聚苯胺有机半导体光电化学体系实现血清中腺苷脱氨酶的特异性灵敏检测	钟新雨, 吴一萍 (29)
基于六苯并蒽的负极材料在锂离子电池中的循环性能表现	王心倩, 杨磊, 朱欣, 徐京京, 肖胜雄 (36)
铁基磁共振造影剂的研究进展	郭泽沛, 杨仕平 (43)
锰(II)基造影剂在磁共振成像中的研究进展	张何仙, 杨仕平 (53)
金属有机分子笼在生物医学方面的应用进展	张雪, 令狐鑫, 焦静静 (62)

第 54 卷第 1 期 2025 年 2 月
(化学专刊)



响应型纳米载体递送药物用于癌症治疗的研究进展祝清云,苏丹阳,陈楠(74)

十钨酸在光催化氢原子转移反应中的研究进展
..... 吴建锋,王俊强,刘锐,余焜,黎玲玲(84)

纳米材料通过引发铜死亡进行癌症治疗的研究进展
.....彭菲,毛紫茵,陈楠,吕敏(96)

钴基双金属材料催化过氧单硫酸盐降解水中抗生素研究进展陈梦茹,吴惠霞(107)

纳米材料介导植物花粉遗传转化的研究进展曹婷婷,刘剑涛,陈楠(117)

金属有机框架材料的合成策略及应用进展
.....罗鸿涛,王晨晨,赵梓茗,冯民,程探宇(125)

期刊基本参数: CN31-1416/N * 1958 * b * 16 * 134 * zh + en * P * ¥ 30.00 * 1000 * 14 * 2025-02
主页: <http://journal.shnu.edu.cn>
本刊投稿网址: <http://shnu.ijournals.cn/zrkbx/shsfqkszrb/ch/index.aspx>

Journal of Shanghai Normal University

(Natural Sciences)

Vol.54, No.1

Feb., 2025

CONTENTS

- Electrochemical determination of bisphenol A based on carbon black (CB)-supported CeO₂ nanoparticles modified glassy carbon electrodeCAI Wenjing, JIN Wan, ZHANG Yan, ZHU Ningning (1)
- The electrochemiluminescence system based on N-Ce-CDs, Au@ZIF-L for glutathione detection TANG Chunyuan, XIANG Li, YANG Minli (8)
- Au NCs@Zr-MOG and Ru@Fe-MOG to construct ratio electrochemiluminescence molecular imprinting sensor and its sensitive detection of dopamineWANG Yuxin, LIU Xiangmiao, YANG Minli (19)
- Polyaniline organic semiconductor photoelectrochemical system for the specific and sensitive detection of adenosine deaminase in serumZHONG Xinyu, WU Yiping (29)
- Cycling performance of hexabenzocoronene-based anode materials for lithium-ion batteries WANG Xinqian, YANG Lei, ZHU Xin, XU Jingjing, XIAO Shengxiong (36)
- Progress in studying iron-based magnetic resonance contrast agentsGUO Zepei, YANG Shiping (43)
- Research progress of manganese (II)-based contrast agents in magnetic resonance imaging ZHANG Hexian, YANG Shiping (53)
- Application progress of metal-organic cages in biomedicine.....ZHANG Xue, LINGHU Xin, JIAO Jingjing (62)
- Research progress on using responsive nanocarriers to deliver drugs for cancer therapy..... ZHU Qingyun, SU Danyang, CHEN Nan (74)
- Research progress of decatungstate in photocatalytic hydrogen atom transfer reactions WU Jianfeng, WANG Junqiang, LIU Rui, YU Han, LI Lingling (84)
- Research progress on nanomaterial-induced cuproptosis for cancer therapyPENG Fei, MAO Ziyin, CHEN Nan, LYU Min (96)
- Research progress in degradation of antibiotics in water by peroxymonosulfate catalyzed by cobalt-based bimetallic materialsCHEN Mengru, WU Huixia (107)
- Research progress of nanomaterials-mediated plant genetic transformation *via* pollen CAO Tingting, LIU Jiantao, CHEN Nan (117)
- Synthesis strategy and application progress of metal-organic frameworks LUO Hongtao, WANG Chenchen, ZHAO Ziming, FENG Min, CHENG Tanyu (125)