

目次

2022年第29卷第6期(总第134期)卷终

特邀专稿

- 从“五痹”切入探讨危急重症的中西医病机融通与组方思路 谢胜,刘园园,张丽敏,刘礼剑,黎丽群,谢娟娟,谭金晶,王光耀(1021)

水动力与生态环境

- 北部湾入海径流研究展望 侍茂崇,陈波,张继云(1026)
防城港湾以西海域水体运输及其机制研究 陈波,张继云,韦聪(1033)
广西北海冯家江口及其邻近海域生态环境综合评价 欧阳贤清,关瑶,李小维,裴木凤(1044)
防城港外海海域夏冬季周日潮流的准调和分析 张继云,陈波(1058)

生物技术

- 生物炭孔隙结构对市政污泥好氧发酵过程中甲烷释放的影响 周倩,胡湛波,郑榆凯,林泽帅,刘果莹(1067)
不同粪便对糖蜜酒精废水厌氧消化污泥的影响 覃雅,程柱雨,王子豪,蒋琼,申佩弘(1076)
重组 Pol D DNA 聚合酶的纯化及其功能初步研究 张雪松,李德凤,薛姜珊,陈孜孟,李卓,蒙健宗(1086)
Clostridium butyricum 蔗糖磷酸化酶的酶学性质及其功能研究 谭姚姚,何贺贺,王宏萌,梁蒙,林宇,黄日波,杜丽琴(1094)
 VP_{AHPND} 毒力蛋白 PirAB 的原核表达与纯化 范贤平,张晟,蒋葛,曹晓慧,乔毅,成婕,徐军田,胡闯显,沈辉(1103)
基于 TCGA 分析 *GALNT14* 在肾透明细胞癌中的表达及预后意义 韦玉琴,吴帆,张胜锋,谭炎林,臧宁,晁耐霞,吴群英,周青鸟(1111)
CORRECT 介导的人 *HBB-28* 基因定点突变细胞株的建立及其应用 刘永祥,麦庆云,黎允诗,梅珺琰,梁爱军,彭新良,周瑞鸿,周少虎(1125)

植物科学

- 极小种群野生植物白花兜兰 ISSR 遗传多样性分析 秦惠珍,盘波,赵健,邹蓉,韦霄,唐凤鸾(1134)
面包树树叶类黄酮提取工艺优化及抗氧化性评价 袁凤娟,于璐,张萌,王岩(1141)
黑老虎植株不同部位木脂素和萜类成分分析 高渐飞,周玮,杨艳(1151)
广西不同林龄马尾松人工林林下木本植物种间联结动态 黎露,马姜明,莫燕华,王永琪,黄柳欣,陆绍浩(1160)

特邀栏目

- 大尺寸氧化铟锡(ITO)靶材制备研究进展 姜峰,谭泽旦,黄誓成,陆映东,覃立仁,曾纪术,方志杰(1169)
广西城镇体系结构时空分异规律研究 张军民,荣城(1178)
考虑下游平均优化车流量的延迟反馈控制方法 文岐云,薛郁,岑炳玲,唐媛,盘薇(1188)
胶州湾女姑口海域大型底栖动物群落特征与生态健康评价 刘欣禹,齐衍萍,沙婧婧,徐子钧,菅潇扬,杜小媛,温国义,周瑞佳(1197)
基于单菌多次级代谢产物策略的深海来源放线菌 *Streptomyces* sp. SCSIO 15079 化学多样性研究 付春钰,苏子淇,钟莹,陶华明,李云秋(1206)
不同还原法制备的 Pt-Co/C 催化剂电催化还原性能 郎德龙(1212)

投稿指南 (1043)

《广西科学》致谢 2021–2022 年审稿专家 (1133)

CONTENTS

2022 Vol. 29 No. 6 (No. 134) End of the Vol.

Special Issue

- Discussion on the Treatment of Critical Illnesses Based on the Integration of Chinese and Western Medical Pathogenesis from the Perspective of "Five Paralysis" XIE Sheng,
LIU Yuanyuan,ZHANG Limin,LIU Lijian,LI Liquan,XIE Juanjuan,TAN Jinjing,WANG Guangyao(1021)

Hydrodynamics and Ecological Environment

- Research Status and Prospect of Runoff in the Beibu Gulf SHI Maochong,CHEN Bo,ZHANG Jiyun(1026)
Study on Water Transport and Mechanism in the West Waters of Fangchenggang Bay CHEN Bo,ZHANG Jiyun,WEI Cong(1033)
Integrated Assessment of Ecological Environment of Fengjiajiang River Estuary and Its Adjacent Area in Beihai,Guangxi OUYANG Xianqing,GUAN Yao,LI Xiaowei,PEI Mufeng(1044)
Quasi Harmonic Analysis of Diurnal Current in Summer and Winter in Fangchenggang Offshore Area ...
..... ZHANG Jiyun,CHEN Bo(1058)

Biotechnology

- Effect of Biochar Pore Structure on Methane Release during Aerobic Fermentation of Municipal Sludge ...
..... ZHOU Qian,HU Zhanbo,ZHENG Yukai,LIN Zeshuai,LIU Guoying(1067)
Effect of Different Manure on Anaerobic Digestion Sludge of Molasses Alcohol Wastewater
..... QIN Ya,CHENG Zhuyu,WANG Zihao,JIANG Qiong,SHEN Peihong(1076)
Primary Study on Purification and Function of Recombinant Pol D DNA Polymerase
..... ZHANG Xuesong,LI Defeng,XUE Jiangshan,CHEN Zimeng,LI Zhuo,MENG Jianzong(1086)
Study on the Enzymatic Properties and Function of Sucrose Phosphorylase from *Clostridium butyricum* ...
... TAN Yaoyao,HE Hehe,WANG Hongmeng,LIANG Meng,LIN Yu,HUANG Ribo,DU Liqin(1094)
Prokaryotic Expression and Purification of VP_{AHPND} Virulence Protein PirAB FAN Xianping,ZHANG Sheng,

- JIANG Ge, CAO Xiaohui, QIAO Yi, CHENG Jie, XU Juntian, HU Chuangxian, SHEN Hui(1103)
Expression and Prognostic Significance Analysis of *GALNT14* in Kidney Renal Clear Cell Carcinoma Based
on TCGA WEI Yuqin, WU Fan,
ZHANG Shengfeng, TAN Yanlin, ZANG Ning, CHAO Naixia, WU Qunying, ZHOU Qingniao(1111)
Construction and Application of CORRECT-mediated Human *HBB-28* Gene Site-directed Mutagenesis Cell
Line LIU Yongxiang, MAI Qingyun,
LI Yunshi, MEI Junyan, LIANG Aijun, PENG Xinliang, ZHOU Ruihong, ZHOU Shaohu(1125)
-

Plant Science

- Genetic Diversity Analysis by ISSR of *Paphiopedilum emersonii*, a Plant Species with Extremely Small Pop-
ulations QIN Huizhen, PAN Bo, ZHAO Jian, ZOU Rong, WEI Xiao, TANG Fengluan(1134)
Optimization of Extraction Process and Antioxidant Evaluation of Flavonoids from *Artocarpus altilis* Leaves
..... YUAN Fengjuan, YU Lu, ZHANG Meng, WANG Yan(1141)
Analysis of Lignans and Terpenoids Components in Different Parts of *Kadsura coccinea* Plant
..... GAO Jianfei, ZHOU Wei, YANG Yan(1151)
Interspecific Association Dynamics of Understory Woody Plants with Different Forest Ages of *Pinus masso-*
niana Plantation in Guangxi
..... LI Lu, MA Jiangming, MO Yanhua, WANG Yongqi, HUANG Liuxin, LU Shaohao(1160)
-

Special Column

- Research Progress on Preparation of Large-size Indium Tin Oxide (ITO) Targets
JIANG Feng, TAN Zedan, HUANG Shicheng, LU Yingdong, QIN Liren, ZENG Jishu, FANG Zhijie(1169)
Study on Spatial-temporal Differentiation Law of Urban Systems in Guangxi
..... ZHANG Junmin, RONG Cheng(1178)
A Feedback Control Scheme with Consideration of the Downstream Average Optimal Traffic Flow
..... WEN Qiyun, XUE Yu, CEN Bingling, TANG Yuan, PAN Wei(1188)
Community Characteristics and Ecological Health Assessment of Macrofauna in Nügukou of Jiaozhou Bay
..... LIU Xinyu,
QI Yanping, SHA Jingjing, XU Zijun, JIAN Xiaoyang, DU Xiaoyuan, WEN Guoyi, ZHOU Ruijia(1197)
Study on the Chemical Diversity of the Deep-Sea-Derived Actinomycete *Streptomyces* sp. SCSIO 15079 Based
on One-Strain Many Compounds Strategy
..... FU Chunyu, SU Ziqi, ZHONG Ying, TAO Huaming, LI Yunqiu(1206)
Electrocatalytic Reduction Performance of Pt-Co/C Catalysts Prepared by Different Reduction Methods ...
..... LANG Delong(1212)
-