

应用海洋学学报

Yingyong Haiyangxue Xuebao

(1982年创刊)

第42卷

第4期

2023年11月

目次

研究论文

- 长江口及邻近海域浮游植物生态系统气候变化综合风险评估 郭海峡,蔡榕硕,谭红建(549)
- 福建沿海鲸鲨时空分布初探及保护对策
..... 程昊,高昊昊,赵丽媛,曾千慧,雍李明,张语克,甄毓,王先艳(559)
- 深圳东部海域造礁石珊瑚资源分布及其群落健康评价
..... 杨小舟,缪智渊,谢子强,杨小东,肖宝华,廖宝林,崔洲平,杨波,陈伯贵(566)
- 福建闽南地区与广西北海地区波纹巴非蛤的形态差异与遗传多样性分析
..... 周治东,张丽艳,霍云龙,李海平,何雪蓓,张跃平(581)
- 兴化湾海上风电场建设前后大型底栖动物群落变化
..... 张舒怡,李智,林和山,黄雅琴,何雪宝,林俊辉,刘坤,牟剑锋,王建军,陆志强,徐虹霓(591)
- 厦门湾瘦枝珊瑚属空间分布及新记录种 阳静,刘佳英,王云沛,施宜佳(604)
- 突额薄板蟹(十足目:短尾下目:膜壳蟹科)雄性特征首次描述 田伟,陈佳杰,陈渊戈(613)
- 南海蛇牙龙螯属新记录——克氏蛇牙龙螯(*Kali kerberti*)
..... 江艳娥,蔡研聪,张俊,孔啸兰,龚玉艳,杨玉滔,黄梓荣,陈作志(618)
- 西北印度洋鸢乌贼内壳形态特性研究 陈静,陆化杰,王芮,欧玉哲,陈新军(623)
- 四种微藻对长棘海星幼虫存活率和生长发育的影响
..... 苏南,张颖,杨砾潼,陈慧真,高倩,陈偿,杨宇峰(633)
- 斜带髯鲷内脏白点病病原的分离鉴定及耐药性分析
..... 李慧耀,杨求华,葛辉,何丽斌,吴丽云,吴建绍(643)
- 东台条子泥候鸟栖息地与毗邻潮间带表层沉积物重金属含量及其生态风险评价
..... 蔡桢杰,李果,旷泽行,王寿兵(656)
- 小长山岛3种大型海藻组织碳、氮含量和 $\delta^{15}\text{N}$ 值的环境指示意义
..... 赵玥茹,蔡恒江,王选忠,刘龙强,单晓焯,胡思琪(667)
- 一种甲壳动物血细胞分化因子性质的初步分析 李鸿钰,杨丰,李钊(675)
- 泉州湾桐花树和老鼠簕根际土壤细菌和真菌群落特征比较
..... 郑智胜,黄卫红,陈小尘,黄兆斌,薛喜枚,陈锦江,张秋芳(686)

技术与方法

- 最大熵模型在海洋生物适生区预测中的应用 杨继超,董民星,种衍飞,徐勤增(698)
- 海带多因子生长模型建立研究 蔡惠文,张平平,刘好真,赵晟(708)
- 三价钛还原法分析硝酸根氮氧同位素的方法研究 杨海丽(718)

综述

- 八放珊瑚生物生态学现状、退化原因及对策建议 梁君,赵瑞,隋宥珍,张燕,李雪琰,薛彬(726)
- 甲壳动物 JAK/STAT 信号通路在免疫应答中的功能与调控机制
..... 赵付荣,王蔚,张艳阁,郑秦,陈建明(739)

总目录 (750)

征订启事 (752)

JOURNAL OF APPLIED OCEANOGRAPHY

Vol. 42, No. 4, Nov., 2023

CONTENTS

Research articles

- Assessment of climate change on comprehensive risks of phytoplankton ecosystem in Changjiang Estuary and adjacent waters GUO Haixia, CAI Rongshuo, TAN Hongjian (549)
- Preliminary study on the spatiotemporal distribution of whale sharks along the coast of Fujian Province and conservation recommendations CHENG Hao, GAO Minhao, ZHAO Liyuan, ZENG Qianhui, YONG Liming, ZHANG Yuke, ZHEN Yu, WANG Xianyan (559)
- Distribution characteristics and ecosystem health evaluation of scleractinia corals in the eastern sea of Shenzhen YANG Xiaozhou, MIU Zhiyuan, XIE Ziqiang, YANG Xiaodong, XIAO Baohua, LIAO Baolin, CUI Zhouping, YANG Bo, CHEN Bogui (566)
- Morphological differences and genetic diversity of *Paratapes undulatas* from area of southern Fujian and Beihai sea, Guangxi ZHOU Zhidong, ZHANG Liyan, HUO Yunlong, LI Haiping, HE Xueqian, ZHANG Yueping (581)
- Macrobenthos community changes before and after the construction of offshore wind farm in Xinghua Bay ... ZHANG Shuyi, LI Zhi, LIN Heshan, HUANG Yaqin, HE Xuebao, LIN Junhui, MOU Jianfeng, LIU kun, WANG Jianjun, LU Zhiqiang, XU Hongni (591)
- Spatial distribution and new recorded species of genus *Carijoa* in Xiamen Bay YANG Jing, LIU Jiaying, WANG Yunpei, SHIH Yijia (604)
- First description of male *Elamena rostrata* (Decapoda: Brachyura: Hymenosomatidae) TIAN Wei, CHEN Jiajie, CHEN Yuange (613)
- New record of genus *Kali*—*Kali kerberti* (Perciformes: Chiasmodontidae) in the South China Sea JIANG Yan'e, CAI Yancong, ZHANG Jun, KONG Xiaolan, GONG Yuyan, YANG Yutao, HUANG Zirong, CHEN Zuozhi (618)
- Gladus morphology characteristics of *Sthenoteuthis oualaniensis* in the northwest Indian Ocean CHEN Jing, LU Huajie, WANG Rui, OU Yuzhe, CHEN Xinjun (623)
- Effects of four microalgae on the survival and growth of *Acanthaster* spp. larvae SU Nan, ZHANG Ying, YANG Litong, CHEN Huizhen, GAO Qian, CHEN Chang, YANG Yufeng (633)
- Isolation, identification and antibiotic sensitivity analysis of bacterial pathogen from *Hapalogenys nitens* with white spot disease in internal organs LI Huiyao, YANG Qiuhua, HE Libin, WU Liyun, WU Jianshao (643)
- Content and ecological risk assessment of heavy metals in surface sediments of migratory bird habitat and its adjacent intertidal zones in Tiaozini Dongtai CAI Zhenjie, LI Guo, KUANG Zexing, WANG Shoubing (656)
- Environmental indication significance of carbon content, nitrogen content and $\delta^{15}\text{N}$ values in macroalgae tissues of three species on intertidal zones of Xiaochangshan Island ZHAO Yueru, CAI Hengjiang, WANG Xuanzhong, LIU Longqiang, SHAN Xiaoxuan, HU Siqi (667)
- Preliminary analysis of the characterization of a crustacean hemocyte differentiation factor LI Hongyu, YANG Feng, LI Fang (675)
- Comparison of bacterial and fungal communities in the rhizosphere soils of *Aegiceras corniculatum* and *Acanthus ilicifolius* in Quanzhou Bay ... ZHENG Zhisheng, HUANG Weihong, CHEN Xiaochen, HUANG Zhaobin, XUE Ximei, CHEN Jinjiang, ZHANG Qiufang (686)
- ### Techniques and methods
- Application of maximum entropy model in the prediction of marine biological suitable areas YANG Jichao, DONG Minxing, CHONG Yanfei, XU Qinzeng (698)
- Multi-factor growth model for *Saccharina japonica* CAI Huiwen, ZHANG Pingping, LIU Haozhen, ZHAO Sheng (708)
- Determination of the nitrogen and oxygen isotopic composition of dissolved nitrate by Ti^{3+} reduction method ... YANG Haili (718)
- ### Reviews
- Bioecological status, degradation causes and conservation suggestions for Octocorallia LIANG Jun, ZHAO Rui, SUI Youzhen, ZHANG Yan, LI Xueting, XUE Bin (726)
- Advance in the function and regulation mechanism of JAK/STAT signaling pathway in the study of crustacean immune response ZHAO Furong, WANG Wei, ZHANG Yange, ZHENG Qin, CHEN Jianming (739)