

# 渔业研究

Journal of Fisheries Research

ISSN 2096-9848

CN 35-1331/S

第44卷 第6期

Vol.44 No.6

2022年12月

(卷终)

中国核心期刊(遴选)数据库收录期刊  中国科技期刊数据库收录期刊  中国期刊全国数据库收录期刊



ISSN 2096-9848



ISSN 2096-9848  
CN 35-1331/S  
YUYE YANJIU

福建省水产学会  
福建省水产研究所 主办



# 渔业研究

## Journal of Fisheries Research

2022 年第 44 卷第 6 期

### 目次

#### 论文与报告

- “油粒子”模型在三沙湾溢油轨迹模拟中的应用 ..... 林建伟(529)
- 不同氮、磷营养盐对威氏海链藻生长和岩藻黄素积累的影响 ..... 钟 玥,苏永昌,陈由强,陈建楠(541)
- 三种鲤表型性状与体质量的通径分析 .....  
..... 姜晓娜,任婉莹,李池陶,葛彦龙,胡雪松,程 磊,彭宏宇,石连玉,贾智英(552)
- 生物絮团技术在凡纳滨对虾池塘淡化养殖中的应用研究 ..... 李慧耀,张 哲,葛 辉,潘柏霖,杨章武(562)
- 广东大亚湾水产资源省级自然保护区沉积物中重金属污染及防治初探 ..... 郑淑兰(573)
- 三沙湾及邻近开放海域夏季浮游植物群落结构比较 ..... 游剑涛(581)
- 舟山地区三种食用海藻中镉膳食暴露健康风险等级评估 ..... 顾 捷,梅光明,杨妙峰,曾军杰(588)
- 富含  $\omega$ -3 多不饱和脂肪酸的磷脂酰丝氨酸制备工艺研究 .....  
..... 廖妙飞,付万冬,孙继鹏,周宇芳,马明珠,王家星,姚玮,胡诗琦(599)
- 基于饲料集中供应分配系统的多池塘投饲系统设计 ..... 叶高文(606)
- 无人机航拍技术在养殖用海调查中的应用探析 ..... 许春晓(613)
- 福州市渔业碳汇发展潜力分析 ..... 余钦明(620)
- 福建漳州地区金刚虾(*Penaeus monodon*)养殖特性、存在问题和对策措施 .....  
..... 黄永春,李兴华,林 楠,陈 强,唐海南,柏 月,李苗苗,蔡章印,俞韩绣,许金震(629)
- 湘中地区生态鱼健康养殖管理关键技术 .....  
..... 刘家璇,鲁一平,吴俊蓉,余思瑶,唐 靖,田 富,曾雨晴,成 钢(638)

# Journal of Fisheries Research

Vol. 44 ,No. 6 ,Dec. 2022

## CONTENTS

### Research Paper

- Application of oil particle model in simulation of oil spill trajectory in Sansha Bay , Fujian Province .....  
..... LIN Jianwei (529)
- The effects of different nitrogen and phosphorus nutrients on the growth and fucoxanthin accumulation in *Thalassiosira weissflogii* ..... ZHONG Yue ,SU Yongchang ,CHEN Youqiang ,CHEN Jiannan (541)
- Correlation and path analysis of morphological attributes and body mass in three varieties of *Cyprinus carpio* .....  
..... JIANG Xiaona , REN Wanying , LI Chitao , GE Yanlong , HU Xuesong ,  
CHENG Lei , PENG Hongyu ,SHI Lianyu , JIA Zhiying (552)
- Application of biofloc technology in desalination culture of *Litopenaeus vannamei* in ponds .....  
..... LI Huiyao , ZHANG Zhe , GE Hui , PAN Bolin , YANG Zhangwu (562)
- Preliminary study on sediment heavy metals pollution and prevention measures in Guangdong Daya Bay Aquatic Resources Provincial Nature Reserve ..... ZHENG Shulan (573)
- Comparative study on the ecological characteristics of phytoplankton community in summer in Sansha Bay and adjacent open waters , Fujian Province ..... YOU Jiantao (581)
- Health risk classification assessment of dietary exposure to cadmium in three edible seaweeds from Zhoushan area , Zhejiang Province ..... GU Jie , MEI Guangming , YANG Miaofeng , ZENG Junjie (588)
- Study on the preparation of  $\omega$ -3 polyunsaturated fatty acid phosphatidylserine ..... LIAO Miaofei ,  
FU Wandong , SUN Jipeng , ZHOU Yufang , MA Mingzhu ,WANG Jiaying , YAO Wei , HU Shiqi (599)
- Design of multi pond feeding system based on feed centralized supply and distribution system ..... YE Gaowen (606)
- Application of UAV aerial photography technology in the survey of aquaculture sea ..... XU Chunxiao (613)
- Development potential analysis of fishery carbon sink in Fuzhou ,Fujian Province ..... YU Qinming (620)
- Characteristics , existing problems and countermeasures of diamond shrimp culture (*Penaeus monodon*) in Zhangzhou City ,Fujian Province ..... HUANG Yongchun , LI Xinghua ,  
LIN Nan , CHEN Qiang , TANG Hainan , BAI Yue , LI Miaomiao , CAI Zhangyin ,YU Hanxiu .XU Jinzhen (629)
- Healthy breeding and management technology of ecological fish in Central Hunan Province ..... LIU Jiaxuan ,  
LU Yiping , WU Junrong , YU Siyao , TANG Jing , TIAN Fu , ZENG Yuqing , CHENG Gang (638)