



《中国科学引文数据库》(CSCD) 来源期刊
中国科技论文统计源期刊
中文核心期刊

ISSN 1674-5566
CN 31-2024/S
CODEN SHDXAR

上海海洋大学 学报

JOURNAL OF
SHANGHAI OCEAN
UNIVERSITY

第32卷 第2期
Vol.32 No.2

2023年3月

ISSN 1674-5566



03>

9 771674 556230

上海海洋大学学报

2023年3月 第32卷 第2期

目 次

水产生物技术

三角帆蚌生长性状和内壳光泽度与所育有核珍珠光泽度相关性分析

..... 李星, 吕高伦, 郭柏莹, 李家乐, 王正, 白志毅(257)

不同体色锦鲤和“福瑞鲤2号”mtDNA D-loop序列遗传变异分析

..... 李潇轩, 郑端端, 罗明坤, 杨志强, 郭珺, 王兰梅, 董在杰(266)

高密度和高盐度对缢蛏渗透调节和抗氧化水平的影响 陶亮, 王艺臻, 陈宇宽, 陈义华, 牛东红(275)

瓦氏雅罗鱼鳃细胞系的建立及其耐碱生长特性初探 徐悦, 梁利群, 孙博, 常玉梅(283)

对虾科物种线粒体基因组特征和系统发育分析 朱雷宇, 朱志煌, 方民杰, 朱陇强, 林琪(292)

舟山不同野生群体等边浅蛤形态性状对体质量的影响效果 顾忠旗, 叶莹莹, 倪梦麟, 黄继, 付英杰(303)

水产养殖

立体混养和单养模式下凡纳滨对虾肌肉营养成分的分析与评价

..... 黄薇, 杨明, 陆根海, 袁新程, 曹祥德, 施永海(309)

混合营养模式下3种有机物对蛋白核小球藻生长及细胞组成的影响 穆亮亮, 黄旭雄(318)

水产动物营养与饲料

野生合浦绒螯蟹和中华绒螯蟹的可食率和营养组成比较

..... 魏茂磊, 张冬冬, 庄振俊, 姜晓东, 刘凯, 房伟平, 吴旭干(329)

棉粕替代豆粕对斑点叉尾鮰生长、血清生化、体色、肉色以及肠道菌群的影响

..... 郭勇, 胡毅, 易新文, 刘祥, 罗湘, 胡亚军, 石勇, 钟蕾(339)

澳洲淡水龙虾受精卵到仔虾营养物质变化分析

..... 孙丽慧, 李倩, 张海琪, 姜建湖, 陈建明, 高令梅, 郭建林(348)

渔业资源与调查

调查数据不确定性对崇明岛附近水域鱼类生物完整性指数结果的影响

..... 石子玉, 韩东燕, 高春霞, 陈锦辉, 吴建辉, 王学昉(357)

2020年夏季南极南奥克尼群岛裘氏鳄头冰鱼胃含物组成及食性分析 朱久阳, 罗旭, 朱国平(369)

水产品加工

不同致死条件对冷鲜石斑鱼肉品质的影响 吴燕燕, 王悦齐, 张涛, 王迪, 郑镇雄(377)

烹饪方式对中华绒螯蟹中常量元素、微量元素及重金属分布的影响 曹欢, 潘迎接, 赵勇, 刘海泉(387)

3株被膜态产志贺毒素大肠杆菌产志贺毒素能力的分析 张萍, 农芳丽, 杜明, 赵勇, 刘海泉(395)

渔业工程

水质监测与采样一体化无人船设计与试验 李俊, 陈普坤, 陈雷雷, 张丽珍, 胡庆松(405)

基于EVA的鱼类音响驯化装置设计与实验 胡庆松, 祖西龙, 王熠, 陈雷雷, 章守宇, 汪振华, 周永东, 李俊(417)

一种新型生物质炭填料的脱氮除磷性能 石文智, 江昊飞, 李慷, 车轩, 刘兴国, 刘利平(429)

海洋药物

瘤背石磺多糖对人宫颈癌细胞的体外抑制作用 贾晶晶, 土志涵, 练颖康, 郁东晨, 沈和定(441)

JOURNAL OF SHANGHAI OCEAN UNIVERSITY
Vol. 32 No. 2, Mar. , 2023
CONTENTS

- Correlation analysis of nucleated pearl luster with growth traits and inner shell luster of *Hyriopsis cumingii*
..... LI Xing, LYU Gaolun, GUO Baiying, LI Jiale, WANG Zheng, BAI Zhiyi(257)
- Genetic variation analysis of mtDNA D-loop sequences in different body color koi carp and FFRC No. 2 strain common carp
..... LI Xiaoxuan, ZHENG Duanduan, LUO Mingkun, YANG Zhiqiang, GUO Jun, WANG Lanmei, DONG Zaijie(266)
- Effects of high density and high salinity on osmotic regulation and antioxidant level of *Sinonovacula constricta*
..... TAO Liang, WANG Yizhen, CHEN Yukuan, CHEN Yihua, NIU Donghong(275)
- Establishment of the gill cell line of *Leuciscus waleckii* and alkaline-tolerant growth characteristics
..... XU Yue, LIANG Liqun, SUN Bo, CHANG Yumei(283)
- Characteristics and phylogenetic analysis of mitochondrial genome in the Penaeidae
..... ZHU Leiyu, ZHU Zhihuang, FANG Minjie, ZHU Longqiang, LIN Qi(292)
- Relationship between morphometric traits and body mass of *Macridiscus multifarius* in two different populations in Zhoushan
..... GU Zhongqi, YE Yingying, NI Menglin, HUANG Ji, FU Yingjie(303)
- Analysis and evaluation of muscle nutrient components of *Litopenaeus vannamei* in multistory culture mode and monoculture mode
..... HUANG Wei, YANG Ming, LU Genhai, YUAN Xincheng, CAO Xiangle, SHI Yonghai(309)
- Effects of three organic substances on the growth and cell composition of *Chlorella pyrenoidosa* under mixotrophic mode
..... MU Liangliang, HUANG Xuxiong(318)
- Comparison of edible yield and nutritional composition of wild *Eriocheir hepuensis* and *Eriocheir sinensis*
..... WEI Maolei, ZHANG Dongdong, ZHUANG Zhenjun, JIANG Xiaodong, LIU Kai, FANG Weiping, WU Xugan(329)
- Effects of cottonseed meal replacing soybean meal on growth, serum biochemistry, skin color, flesh color and intestinal flora of channel catfish(*Ictalurus punctatus*) GUO Yong, HU Yi, YI Xinwen, LIU Xiang, LUO Xiang, HU Yajun, SHI Yong, ZHONG Lei(339)
- Analysis of change of nutrients from fertilized eggs to newly hatched shrimp of *Cherax quadricarinatus*
..... SUN Lihui, LI Qian, ZHANG Haiqi, JIANG Jianhu, CHEN Jianming, GAO Lingmei, GUO Jianlin(348)
- Effects of survey data uncertainty on the results of fish-index of biological integrity in waters near Chongming Island
..... SHI Ziyu, HAN Dongyan, GAO Chunxia, CHEN Jinhui, WU Jianhui, WANG Xuefang(357)
- Stomach content and diet of mackerel icefish (*Champscephalus gunnari*) in South Orkney Islands, Antarctic during summer 2020
..... ZHU Jiuyang, LUO Xu, ZHU Guoping(369)
- Effects of different lethal conditions on meat quality of chilled grouper
..... WU Yanyan, WANG Yueqi, ZHANG Tao, WANG Di, ZHENG Zhenxiong(377)
- Influence of cooking methods on the distribution of major elements, micronutrients and heavy metals in Chinese miten crab
..... CAO Huan, PAN Yingjie, ZHAO Yong, LIU Haiquan(387)
- Analysis of Shiga toxin-producing ability of 3 biofilm strains of Shiga Toxin-producing *Escherichia coli*
..... ZHANG Ping, NONG Fangli, DU Ming, ZHAO Yong, LIU Haiquan(395)
- Design and experiment of water quality monitoring and sampling integrated unmanned boat
..... LI Jun, CHEN Pukun, CHEN Leilei, ZHANG Lizhen, HU Qingsong(405)
- Design and experiment of fish acoustic domestication device based on EVA
..... HU Qingsong, ZU Xilong, WANG Yi, CHEN Leilei, ZHANG Shouyu, WANG Zhenhua, ZHOU Yongdong, LI Jun(417)
- Study on the capability of the new biochar substrate for nitrogen and phosphorus removal
..... SHI Wenzhi, JIANG Haofei, LI Kang, CHE Xuan, LIU Xingguo, LIU Liping(429)
- Inhibitory effect of *Onchidium reevesii* polysaccharides on Hela cells *in vitro*
..... JIA Jingjing, TU Zhihan, LIAN Yingkang, YU Dongchen, SHEN Hedding(441)