



《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3期
Vol.32 No.3

2023年5月

ISSN 1674-5566



9 771674 556230

上海海洋大学学报

2023年5月 第32卷 第3期

目 次

水产生物技术

- aguA 基因缺失对嗜水气单胞菌致病性的影响 赵东康, Rachit PENGLEE, 车金远, 易欣鑫, 邱超达, 鲍宝龙(449)
Cilp 基因对斑马鱼肌间骨和脊椎发育的影响 杨笑星, 佟广香, 闫婷, 董乐, 孙志鹏, 徐欢, 唐国盘, 匡友谊(460)
小体鲟 Ar-tnfsf10 和 Ar-tnfrsf10 基因的克隆、表达和功能初步探究 展敏月, 王建, 范纯新(472)
鳗弧菌 vah1 缺失菌株构建及致病性评估 胡存洁, 车金远, 黄旭雄, 罗土炎, 鲍宝龙(481)
鲤 CISH 基因克隆鉴定与组织特异性表达分析 杨慧, 周杰, 高谦, 刘明丽, 翟万营, 陈良标, 谢海侠(491)
TLR18 基因在鲤感染 CyHV-3 中的表达模式及信号通路 任婉莹, 姜晓娜, 葛彦龙, 田立静, 李葵, 李池陶, 田景文, 胡雪松, 石潇丹, 石连玉, 贾智英(500)

水产养殖

- 清水池塘吊水饥饿处理对大口黑鲈品质的提升效果 鲁强, 李慷, 李征程, 巴旭冰, 徐岩, 张美琼, 刘利平(510)
培养液中添加硫酸链霉素对蛋白核小球藻生长、细胞组成及 α -亚麻酸含量的影响 穆亮亮, 黄旭雄(522)
凡纳滨对虾二氧化碳麻醉后有水保活运输条件优化 盛祥, 刘文畅, 谭洪新, 罗国芝, 孙大川, 朱博文, 庞云, 扶泽发(532)

水生生物学

- 中国南部鱊属鱼类一新种(鲤形目, 鲤科) 张琰, 周佳俊, 杨金权(544)
长牡蛎与海豆芽外套膜细胞超微结构的比较观察 牟伉, 陈雅茹, 产久林, 张琳琳(553)

水域环境与保护

- 环境 DNA 技术在水生生物监测中的挑战、突破和发展前景 李晨虹, 凌岚馨, 谭娟, 林晓龙, 王辉, 孙冰皎, 李墨(564)
多营养层级淡水生态系统构建对微生物的影响 韩政, 汤春宇, 邵留, 陈嗣威, 张晨曼, 何培民(575)
进水钙、铝离子共存对反渗透膜污染的影响效应分析 邢云青, 陈嘉健, 李苑铭, 冀世锋, 吴金健, 吴天阳, 邹鹏(586)
上海临港滨海河道夏季周丛生物群落演替特征 丰美萍, 邱继琛, 宋全健, 边文华, 章守宇, 彭丽洁, 王凯(597)
苦草对重金属去除效果的对比及其叶绿素荧光特性响应 侯瑞丹, 彭自然, 何文辉, 何培民(609)
长江口沉积物有机碳及溶解有机质结构对外源磷输入的响应 林俊, 杨红, 王春峰(618)

渔业资源与管理

- 自然产卵间断以来中华鲟幼鱼抵达与离开长江口时间及其生长的年际变化观察 吴建辉, 陈锦辉, 徐嘉楠(628)
大型游泳动物卫星标志技术应用进展 曾晓起, 陈思远, 刘世刚, 王芮, 赵林林, 李渊, 林龙山(637)

水产食品学

- 蒸制和煮制对中华绒螯蟹中胆固醇和脂肪酸含量的影响 胡磊, 谢庆超, 潘迎接, 刘海泉, 赵勇(649)
副溶血性弧菌Ⅲ型分泌系统与Ⅵ型分泌系统的研究进展 刘海泉, 江春铃, 赵伟, 钱江, 潘迎接, 胡金庆, 赵勇(660)

海洋物理

- 多要素局部-全局特征关联的有效波高预测模型 宋巍, 赵勐, 贺琪, 胡安铎, 张峰(669)

- 征稿简则 (680)

JOURNAL OF SHANGHAI OCEAN UNIVERSITY
Vol. 32 No. 3, May, 2023
CONTENTS

- Deletion of the *aguA* gene affects pathogenicity of *Aeromonas hydrophila* ZHAO Dongkang, Rachit PINGLEE, CHE Jinyuan, YI Xinxin, QIU Chaoda, BAO Baolong(449)
- Effect of *cilp* on the development of the intermuscular bones and vertebra in zebrafish YANG Xiaoxing, TONG Guangxiang, YAN Ting, DONG Le, SUN Zhipeng, XU Huan, TANG Guopan, KUANG Youyi(460)
- Cloning, expression and preliminary function analysis of *Ar-tnfsf10* and *Ar-tnfrsf10* genes in sterlet, *Acipenser ruthenus* ZHAN Minyue, WANG Jian, FAN Chunxin(472)
- Construction and pathogenicity evaluation of *Vibrio anguillarum* strain with *vah1* deletion HU Cunjie, CHE Jinyuan, HUANG Xuxiong, LUO Tuyan, BAO Baolong(481)
- Molecular identification of cytokine inducible SH-2 containing protein (CISH) gene from common carp *Cyprinus carpio* and its expression pattern YANG Hui, ZHOU Jie, GAO Qian, LIU Mingli, ZHAI Wanying, CHEN Liangbiao, XIE Haixia(491)
- Expression pattern and related signal pathway of *TLR18* in CyHV-3 infection of cyprinid carp REN Wanying, JIANG Xiaona, GE Yanlong, TIAN Lijing, LI Yan, LI Chitao, TIAN Jingwen, HU Xuesong, SHI Xiaodan, SHI Lianyu, JIA Zhiying(500)
- Effect of temporary rearing treatment in clear water pond on the quality improvement of largemouth bass (*Micropterus salmoides*) LU Qiang, LI Kang, LI Zhengcheng, BA Xubing, XU Yan, ZHANG Meiqiong, LIU Liping(510)
- Effects of supplementation of streptomycin sulfate in culture medium on growth, cellular biochemical composition and α -Linolenic acid content of *Chlorella pyrenoidosa* MU Liangliang, HUANG Xuxiong(522)
- Optimization of keep-alive transportation conditions with water after carbon dioxide anesthesia for *Litopenaeus vannamei* SHENG Xiang, LIU Wenchang, TAN Hongxin, LUO Guozhi, SUN Dachuan, ZHU Bowen, PANG Yun, FU Zefa(532)
- A new species of genus *Zacco* from Southern China (Cypriniformes: Cyprinidae) ZHANG Yan, ZHOU Jiajun, YANG Jinquan(544)
- Ultrastructural comparison of mantle cells between *Crassostrea gigas* and *Lingula anatina* MU Kang, CHEN Yaru, CHAN Jiulin, ZHANG Linlin(553)
- Challenge, breakthrough and future perspectives of environmental DNA technology in monitoring aquatic organisms LI Chenhong, LING Lanxin, TAN Juan, LIN Xiaolong, WANG Hui, SUN Bingjiao, LI Zhao(564)
- Effect of multi-trophic freshwater ecosystem construction on microorganisms HAN Zheng, TANG Chunyu, SHAO Liu, CHEN Siwei, ZHANG Shengman, HE Peimin(575)
- Effect of the influent Calcium and Aluminum ions on reverse osmosis membrane fouling XING Yunqing, CHEN Jiajian, LI Yuanming, JI Shifeng, WU Jinjian, WU Tianyang, ZOU Peng(586)
- Succession of periphyton communities in the Shanghai Lingang coastal river in summer FENG Meiping, QIU Jichen, SONG Quanjian, BIAN Wenhua, ZHANG Shouyu, PENG Lijie, WANG Kai(597)
- Study on heavy metal removal efficiency and chlorophyll fluorescence response of *Vallisneria natans* HOU Ruidan, PENG Ziran, HE Wenhui, HE Peimin(609)
- Response of sediment organic carbon and dissolved organic matter structure to exogenous phosphorus input in the Yangtze River Estuary LIN Jun, YANG Hong, WANG Chunfeng(618)
- Interannual variation in migration habits and growth of juvenile Chinese sturgeon following interrupted natural spawning behavior in the Yangtze River Estuary WU Jianhui, CHEN Jinhui, XU Jianan(628)
- Application progress of satellite archival tags technique in large nekton ZENG Xiaoqi, CHEN Siyuan, LIU Shigang, WANG Rui, ZHAO Linlin, LI Yuan, LIN Longshan(637)
- Effect of steaming and boiling on the cholesterol and fatty acid content in Chinese mitten crab (*Eriocheir sinensis*) HU Lei, XIE Qingchao, PAN Yingjie, LIU Haiquan, ZHAO Yong(649)
- Progress in the research of type III secretion system and type VI secretion system of *Vibrio parahaemolyticus* LIU Haiquan, JIANG Chunling, ZHAO Wei, QIAN Jiang, PAN Yingjie, HU Jinqing, ZHAO Yong(660)
- A prediction model of significant wave height based on local and global correlation of multi-elements SONG Wei, ZHAO Meng, HE Qi, HU Anduo, ZHANG Feng(669)