

水产学报 2022年2月 第46卷 第2期

目 次

- 草鱼全基因组微卫星特征分析与亲子鉴定 黄纬杰, 郭向召, 张子豪, 董 强, 熊雪梅, 高泽霞 (161)
- 黄颡鱼 STAT3 乙酰化位点验证及其与 SIRT6 去乙酰化酶的关系
..... 郑 华, 徐一闯, 赵 涛, 吕武宏, 余岸良, 何 杨, 谭肖英 (173)
- 基于 16S *rRNA* 序列探讨我国海鲢科鱼类分子系统进化关系
..... 陈 铭, 范蔓桦, 谢瑞琳, 陈玉佩, 李清清, 李江涛, 黄燕华, 林 鑫, 梁日深 (183)
- 贝莱斯芽孢杆菌 LF01 基因组序列分析及其代谢产物的生防作用
..... 张德锋, 高艳侠, 可小丽, 王亚军, 任 燕, 石存斌 (196)
- 基于两段式模型研究口虾蛄体长-体质量关系及估算初次性成熟体长 ... 徐海龙, 薛 薇, 谷德贤, 杨 蕊, 于小涵 (207)
- 气候变化对黄海中南部斑鲈产卵场适宜性的影响 张云雷, 孙 霄, 刘晓慧, 崔晏华, 简 盈, 薛 莹 (215)
- 饲料中胆碱对大口黑鲈幼鱼生长性能、体成分和血清抗氧化机能的影响
..... 周 越, 王伟隆, 李松林, 吕红雨, 张 松, 陈乃松, 黄旭雄 (224)
- 仿刺参幼参对亮氨酸最适需求量的研究 刘财礼, 王际英, 李宝山, 沈钰博, 孙永智, 黄炳山, 王世信 (238)
- 草鱼呼肠孤病毒 II 型自然发病与人工注射感染草鱼的病理症状和病毒分布研究 杨 玲, 苏建国 (250)
- VP35 蛋白对 II 型草鱼呼肠孤病毒增殖的影响 姜 霖, 涂加钢, 张永安 (261)
- QseB 在嗜水气单胞菌响应去甲肾上腺素中的作用 秦 婷, 刁丙文, 谢 骏, 潘良坤 (270)
- 草鱼 miR-23a 在嗜水气单胞菌感染过程中的调控机制 包天杰, 鲍生成, 樊 坤, 沈玉帮, 徐晓雁, 李家乐 (280)
- 不同乳酸菌对发酵草鱼品质的影响 许惠雅, 张 强, 王逸鑫, 王锡昌, 施文正 (289)
- 以双拖渔船为例分析浙江省海洋捕捞渔船捕捞区域差异 刘 勇, 程家骅, 陈 挺 (298)
- 不同电学参数和流速下的拦鱼电栅对草鱼幼鱼的拦导效率
..... 石迅雷, 胡 成, 达 瓦, 尼 玛, 王庆富, 石小涛, 刘国勇 (310)
- 综述 ·
- 鱼类疱疹病毒研究进展概述 赵 哲, 喻 飞, 郝 凯, 李舒馨, 张小东, 陈泓迅 (322)

JOURNAL OF FISHERIES OF CHINA

Vol. 46, No. 2, February, 2022

CONTENTS

- Analysis of microsatellite in the entire grass carp (*Ctenopharyngodon idella*) genome and the application in parentage identification
..... HUANG Weijie, GUO Xiangzhao, ZHANG Zihao, DONG Qiang, XIONG Xuemei, GAO Zexia(161)
- Validation of STAT3 acetylation site and its relationship with SIRT6 deacetylase in *Pelteobagrus fulvidraco*
..... ZHENG Hua, XU Yichuang, ZHAO Tao, LÜ Wuhong, YU Angen, HE Yang, TAN Xiaoying(173)
- Molecular phylogenetic relationship of Muraenidae species in China Sea based on 16S *rRNA* gene sequences
.....CHEN Ming, FAN Manhua, XIE Ruilin, CHEN Yupei, LI Qingqing, LI Jiangtao, HUANG Yanhua, LIN Li, LIANG Rishen(183)
- Genomic analysis of *Bacillus velezensis* LF01 strain and the biocontrol effect of its secondary metabolites
..... ZHANG Defeng, GAO Yanxia, KE Xiaoli, WANG Yajun, REN Yan, SHI Cunbin(196)
- Establishing length-weight relationship and predicting size at first maturity of *Oratosquilla oratoria* based on the polyphasic model
..... XU Hailong, XUE Wei, GU Dexian, YANG Rui, YU Xiaohan(207)
- Impacts of climate changes on the habitat suitability of spawning ground for *Konosirus punctatus* in the central and southern Yellow Sea
..... ZHANG Yunlei, SUN Xiao, LIU Xiaohui, CUI Yanhua, JIAN Ying, XUE Ying(215)
- Effect of dietary choline level on growth performance, body composition and serum antioxidant activity of juvenile largemouth bass (*Micropterus salmoides*)
..... ZHOU Yue, WANG Weilong, LI Songlin, LÜ Hongyu, ZHANG Song, CHEN Naisong, HUANG Xuxiong(224)
- Optimum dietary leucine requirement of juvenile sea cucumber *Apostichopus japonicus*
..... LIU Caili, WANG Jiyang, LI Baoshan, SHEN Yubo, SUN Yongzhi, HUANG Bingshan, WANG Shixin(238)
- Studies on pathological symptoms and virus distribution in natural and artificial injection infection *Ctenopharyngodon idella* with grass carp reovirus type II
..... YANG Ling, SU Jianguo(250)
- Effect of VP35 protein on the proliferation of type II grass carp (*Ctenopharyngodon idella*) reovirus
..... JIANG Lin, TU Jiagang, ZHANG Yongan(261)
- QseB regulates *in vitro* and *in vivo* virulence of *Aeromonas hydrophila* in response to norepinephrine
..... QIN Ting, XI Bingwen, XIE Jun, PAN Liangkun(270)
- Regulation mechanism of miR-23a in *Ctenopharyngodon idella* during *Aeromonas hydrophila* infection
..... BAO Tianjie, BAO Shengcheng, FAN Kun, SHEN Yubang, XU Xiaoyan, LI Jiale(280)
- Effects of different lactic acid bacteria on the quality of fermented grass carp (*Ctenopharyngodon idella*)
..... XU Huiya, ZHANG Qiang, WANG Yixin, WANG Xichang, SHI Wenzheng(289)
- Preliminary analysis on regional differences of fishing habits of marine fishing vessels in Zhejiang Province: taking double trawlers as an example
..... LIU Yong, CHENG Jiahua, CHEN Ting(298)
- Blocking efficiency of electrified barrier for guiding juvenile grass carp (*Ctenopharyngodon idella*) by pulsed direct current with different electric parameters at different flow velocities
..... SHI Xunlei, HU Cheng, DA Wa, NI Ma, WANG Qingfu, SHI Xiaotao, LIU Guoyong(310)
- ROUNDUP •
- A brief review on virology researches of fish herpesviruses
..... ZHAO Zhe, YU Fei, HAO Kai, LI Shuxin, ZHANG Xiaodong, CHEN Hongxun(322)