

中国水产科学

Zhongguo Shuichan Kexue

第 28 卷 第 5 期 2021 年 5 月

目 次

研究论文

- 虾夷扇贝 *Dmrt1* 基因的分子鉴定及表达模式分析 赵丹, 周丽青, 郑言鑫, 孙秀俊, 吴彪, 刘志鸿, 吴宙, 吴磊 (541)
- 鳊 SIRT3 蛋白在传染性脾肾坏死病毒感染中的作用 李科瑾, 付小哲, 林强, 刘礼辉, 牛银杰, 梁红茹, 罗霞, 李宁求 (550)
- 黄带拟鲮染色体核型特征分析 马青, 姜晨, 周丽青, 孙涛, 柳淑芳, 庄志猛 (561)
- 淡水石首鱼人工催产与胚胎发育观察 张亮, 闻海波, 郑冰清, 李红霞, 宋长友, 金武, 马学艳, 徐跑, 华丹, 顾若波 (569)
- 厚朴酚对嗜水气单胞菌感染异育银鲫的抗氧化因子及抗炎 *TLR-5/MyD88* 通路基因表达的影响 吴家玉, 陈凯, 刁丙文, 谢骏, 潘良坤 (579)
- 鱼源植物乳杆菌 HS-07 胞外多糖对鲤的益生作用 陈永艳, 冯军厂, 李梦, 刘莎莎, 蔡忠良, 黄梦媛, 常绪路, 张建新 (591)
- 基于代谢组学技术的无机砷对三疣梭子蟹鳃组织的毒性作用机制研究 刘鸽, 李焕军, 张秀珍, 崔艳梅, 姜芳, 何金霞, 曹伟, 王明磊, 田秀慧, 徐英江 (602)
- 高效脱氮菌强化挂膜生物滤器对海水养殖尾水净化效果研究 李秋芬, 康传磊, 张艳, 陈碧鹃, 陈世波 (614)
- 不同海拔稻鲤综合种养梯田大型底栖动物群落结构特征 许越, 房景辉, 徐钢春, 蒋增杰, 聂志娟, 梁博, 蔺凡 (624)
- 采样设计对近岸水域鱼类浮游生物物种丰富度估计的影响 马依宏, 纪毓鹏, 张崇良, 薛莹, 任一平, 徐宾铎 (635)
- 基于 Hurdle-GAMMs 模型研究影响海州湾小黄鱼摄食的主要因素 宋业晖, 徐从军, 任一平, 徐宾铎, 纪毓鹏, 张崇良, 薛莹 (646)
- 秘鲁外海茎柔鱼栖息地时空分布及对环境因子的响应差异 方星楠, 何妍, 余为, 陈新军 (658)

综述

- 适用于数据缺乏渔业的资源评估方法研究进展 石永闯, 樊伟, 张衡, 周为峰, 唐峰华, 吴祖立, 程田飞, 赵国庆, 张孝民 (673)

期刊基本参数: CN11-3446/S*1994*m*A4*152*zh*P* ¥60.00*1500*13*2021-05

Journal of Fishery Sciences of China

Vol. 28 No.5 May 2021

Contents

Molecular identification and expression pattern analysis of <i>Dmrt1</i> in the scallop, <i>Patinopecten yessoensis</i>	
..... ZHAO Dan, ZHOU Liqing, ZHENG Yanxin, SUN Xiujuan, WU Biao, LIU Zhihong, WU Zhou, WU Lei	(549)
Role of the SIRT3 protein in spleen and kidney necrosis virus infections in <i>Siniperca chuatsi</i>	
..... LI Kejin, FU Xiaozhe, LIN Qiang, LIU Lihui, NIU Yinjie, LIANG Hongru, LUO Xia, LI Ningqiu	(560)
Karyotype characteristics of white trevally (<i>Pseudocaranx dentex</i>)	
..... MA Qing, JIANG Chen, ZHOU Liqing, SUN Tao, LIU Shufang, ZHUANG Zhimeng	(566)
Artificial spawning and embryonic development of freshwater drum, <i>Aplodinotus grunniens</i>	
..... ZHANG Liang, WEN Haibo, ZHENG Bingqing,	
LI Hongxia, SONG Changyou, JIN Wu, MA Xueyan, XU Pao, HUA Dan, GU Ruobo	(578)
Effects of magnolol on antioxidant factors and the anti-inflammatory <i>TLR-5/MyD88</i> pathway gene expressions of <i>Carassius auratus gibelio</i> infected with <i>Aeromonas hydrophila</i>	
..... WU Jiayu, CHEN Kai, XI Bingwen, XIE Jun, PAN Liangkun	(590)
Probiotic effect of fish-derived <i>Lactobacillus plantarum</i> HS-07 exopolysaccharide in common carp (<i>Cyprinus carpio</i> L.)	
..... CHEN Yongyan, FENG Junchang, LI Meng,	
LIU Shasha, CAI Zhongliang, HUANG Mengyuan, CHANG Xulu, ZHANG Jianxin	(601)
Research on toxicity mechanism of inorganic arsenic on <i>Portunus trituberculatus</i> gill tissue revealed by metabonomics	
..... LIU Ge, LI Huanjun, ZHANG Xiuzhen,	
CUI Yanmei, JIANG Fang, HE Jinxia, CAO Wei, WANG Minglei, TIAN Xiuhui, XU Yingjiang	(613)
Purification effect of a simulated biofilter augmented with efficient nitrogen-removing bacteria on waste water from mariculture	
..... LI Qiufen, KANG Chuanlei, ZHANG Yan, CHEN Bijuan, CHEN Shibo	(623)
Characteristics of the macrobenthic community structure in integrated rice-carp farming terraces at different altitudes	
..... XU Yue, FANG Jinghui, XU Gangchun, JIANG Zengjie, NIE Zhijuan, LIANG Bo, LIN Fan	(634)
Effects of sampling design on species richness estimation of ichthyoplankton in the coastal waters	
..... MA Yihong, JI Yupeng, ZHANG Chongliang, XUE Ying, REN Yiping, XU Binduo	(645)
Effects of environmental factors on the feeding ecology of small yellow croaker (<i>Larimichthys polyactis</i>) in Haizhou Bay based on Hurdle-GAMMs	
..... SONG Yehui, XU Congjun, REN Yiping, XU Binduo, JI Yupeng, ZHANG Chongliang, XUE Ying	(657)
Spatio-temporal distribution of the jumbo flying squid <i>Dosidicus gigas</i> off Peru and differences in the effects of environmental conditions	
..... FANG Xingnan, HE Yan, YU Wei, CHEN Xinjun	(672)
Review on stock assessment methods applicable to data-limited fisheries	
..... SHI Yongchuang, FAN Wei, ZHANG Heng,	
ZHOU Weifeng, TANG Fenghua, WU Zuli, CHENG Tianfei, ZHAO Guoqing, ZHANG Xiaomin	(691)