

上海海洋大学学报

2020年11月 第29卷 第6期

目 次

水生生物技术

三角帆蚌中 *WNT4* 基因克隆及表达分析

..... 刘斐斐, 崔晓羽, 董赛赛, 段胜华, 汪桂玲, 李家乐(801)

基因编辑酪氨酸酶(*TYR*)基因不同功能区对鱼类体色的影响

..... 许细丹, 陈红林, MANDAL Biplob Kumar, 司周旋, 王军, 王成辉(811)

水产养殖

辽河、长江水系及其杂交种中华绒螯蟹成蟹阶段养殖性能比较

..... 周永昌, 王世会, 成永旭, 吴旭干(820)

水产营养与饲料

饲料中胆汁酸对红鳍东方鲀脂肪酸组成及抗氧化能力的影响

..... 毕清竹, 梁萌青, 廖章斌, 卫育良, 孙博, 贾琳琳, 徐后国(829)

水域环境保护

基于脱氧核酶-等温级联放大耦合的传感体系高灵敏检测水样中铅离子

..... 陆云飞, 贾敏, 吴继魁(840)

渔业资源调查

金泽水库鱼类的群落结构和资源量 黄晖, 龚小玲(847)

潮汐对长江口南支仔稚鱼种类组成及密度影响 曾娇, 钟俊生, 李联飞, 饶元英, 刘欢(855)

毛里塔尼亚海域日本鲭时空分布与海洋环境的关系 宋利明, 许回, 陈明锐, EBANGO NGANDO Narcisse(868)

基于不同权重栖息地模型的秘鲁外海茎柔鱼渔场分析 冯志萍, 余为, 陈新军, 刘必林, 张忠(878)

东太平洋大眼金枪鱼自由鱼群栖息地偏好的时空分布特征 黄金玲, 戴黎斌, 王学昉, 周成, 唐浩(889)

西北太平洋柔鱼渔场重心变化及其与环境的关系 王韫沛, 陈新军, 余为(899)

南海鸢乌贼微型群肌肉和性腺组织能量积累及其分配 朱凯, 姚吉祥, 陈新军, 刘维达, 孙程婕, 林东明(910)

海洋物理

基于FVCOM渤海浅水分潮的特征分析 张志康, 刘浩(921)

渔业工程

船载投饵装置平衡抖料系统设计与试验 胡庆松, 郑波, 曹佳瑞, 陈雷雷, 李俊, RAHMAN Hafiz Abd ur(928)

食品科学

饲料中植物油替代鱼油对中华绒螯蟹滋味品质的影响

..... 从娇娇, 韩昕苑, 于立志, 王红丽, 吴旭干, 王锡昌(938)

不同振动模式对副溶血性弧菌生物被膜形成的影响

..... 齐家伟, 董旭日, 柴旭峰, 韩乔, 张昭寰, 檀玲, 刘海泉, 潘迎捷, 赵勇(950)

JOURNAL OF SHANGHAI OCEAN UNIVERSITY
Vol. 29 No. 6, Nov. 2020
CONTENTS

- Cloning and expression analysis of *WNT4* gene in the *Hyriopsis cumingii*
..... LIU Feifei, CUI Xiaoyu, DONG Saisai, DUAN Shenghua, WANG Guiling, LI Jiale(801)
- Fish coloration change from disrupting different functional regions in tyrosinase (*TYR*) gene by gene editing technology
..... XU Xidan, CHEN Honglin, MANDAL Biplob Kumar, SI Zhouxuan, WANG Jun, WANG Chenghui(811)
- Comparison of culture performance of juvenile Chinese mitten crab inbred families and hybrid families derived from Liaohe River and Yangtze River ZHOU Yongchang, WANG Shihui, CHENG Yongxu, WU Xugan(820)
- Effect of dietary bile acid supplementation on fatty acid composition and anti-oxidative capacity of tiger puffer *Takifugu rubripes*
..... BI Qingzhu, LIANG Mengqing, LIAO Zhangbin, WEI Yuliang, SUN Bo, JIA Linlin, XU Houguo(829)
- A DNAzyme-isothermal cascade amplification sensing system for ultrasensitive detection of Pb^{2+} in water samples
..... LU Yunfei, JIA Min, WU Jikui(840)
- Fish community structure and resource in Jinze Reservoir HUANG Hui, GONG Xiaoling(847)
- Effect of tide on the species composition and density of the fish larvae and juveniles community in southern branch of Yangtze River estuary ZENG Jiao, ZHONG Junsheng, LI Lianfei, RAO Yuanying, LIU Huan(855)
- Relationship between spatiotemporal distribution of chub mackerel and marine environment variables in the waters near Mauritania SONG Liming, XU Hui, CHEN Mingrui, EBANGO NGANDO Narcisse(868)
- Analysis of fishing ground of jumbo flying squid *Dosidicus gigas* in the southeast Pacific Ocean off Peru based on weighting-based habitat suitability index model FENG Zhiping, YU Wei, CHEN Xinjun, LIU Bilin, ZHANG Zhong(878)
- Spatio-temporal distribution pattern of habitat preference of bigeye tuna free-swimming schools in the eastern Pacific Ocean
..... HUANG Jinling, DAI Libin, WANG Xuefang, ZHOU Cheng, TANG Hao(889)
- Variations of gravity centers of fishing ground for neon flying squid *Ommastrephes bartramii* in the northwest Pacific Ocean and its relation with marine environment WANG Yunpei, CHEN Xinjun, YU Wei(899)
- Energy accumulation of both somatic and reproductive tissues and the allocation to reproduction in the dwarf form individuals of *Sthenoteuthis oualaniensis* in the south China Sea
..... ZHU Kai, YAO Jixiang, CHEN Xinjun, LIU Weida, SUN Chengjie, LIN Dongming(910)
- Characteristics analysis of shallow water tidal constituents in the Bohai Sea based on FVCOM
..... ZHANG Zhikang, LIU Hao(921)
- Design and test of balanced shaking system for boat-borne bait feeding device
..... HU Qingsong, ZHENG Bo, CAO Jiarui, CHEN Leilei, LI Jun, RAHMAN Hafiz Abd ur(928)
- Effects of dietary replacement of fish oil by vegetable oil on the taste quality of Chinese mitten crab (*Eriocheir sinensis*)
..... CONG Jiaojiao, HAN Xinyuan, YU Lizhi, WANG Hongli, WU Xugan, WANG Xichang(938)
- Effects of different vibration modes on *Vibrio parahaemolyticus* biofilm
..... QI Jiawei, DONG Xuri, CHAI Xufeng, HAN Qiao, ZHANG Zhaohuan, TAN Ling, LIU Haiquan, PAN Yingjie, ZHAO Yong(950)