

上海海洋大学学报

2016年1月 第25卷 第1期

目次

水产生物技术

3种鳊鱼生长与摄食量、胃蛋白酶活性和胃蛋白酶原基因表达相关分析

..... 李传阳, 许森洋, THAMMARATSUNTORN Jeerawat, 赵金良, 钱叶洲, 吴超, 钱德(1)

牙鲆 *lin-29* 基因的全长 cDNA 克隆、鉴定及其在早期发育中的表达分析 ... 高丽娜, 付元帅, 施志仪, 苏艳芳, 张红梅(8)

红笛鲷 *LITAF* 基因的克隆与表达分析 郑琦, 蔡佳, 汤菊芬, 鲁义善, 吴灶和, 简纪常(18)

鱼类生物学

长江口降海洄游日本鳗鲡的生长特性 汪德海, 龚小玲, 鲍宝龙, 刘利平(25)

长蛸平衡囊的形态结构和神经支配模式 于世亮, 张旭光, 张云峰, 和友, 郭弘艺, 宋佳坤(34)

几种鲚属鱼类全鱼的元素含量特征研究 赖靖, 赵良杰, 刘其根(44)

水产养殖

中华绒螯蟹一龄性早熟和二龄成熟家系扣蟹阶段生长和早熟的比较研究

..... 董鹏生, 刘青, 吴旭干, 何杰, 常国亮, 丁怀宇, 王幼鹏, 成永旭(51)

饲料中不同淀粉源及水平对大口黑鲈肝脏组织学的影响 徐祥泰, 陈乃松, 刘子科, 苟仕潘, 尹佳(61)

低盐胁迫对褐牙鲆成鱼血浆渗透压、皮质醇、生长激素和催乳素的影响 贾倩倩, 吕为群(71)

低温胁迫对云纹石斑鱼幼鱼抗氧化和免疫指标的影响 潘桂平, 刘本伟, 周文玉(78)

水生生物疫病与防治

两种 LD₅₀ 计算方法对副溶血性弧菌毒力的比较研究 董雪红, 田敏, 季策, 马文元, 张庆华(86)

水域环境与保护

黄海绿潮漂浮浒苔对高光强胁迫生态适应机制研究

..... 吴青, 张建恒, 赵升, 刘材材, 张林慧, 季晓, 宋文鹏, 徐韧, 何培民(97)

三沙湾盐田港海水养殖海域海-气界面 CO₂ 交换通量的时空变化

..... 韦章良, 韩红宾, 胡明, 吴海龙, 张建恒, 霍元子, 何培民(106)

渔业资源与捕捞

浙江瓯飞围填海区渔业资源优势种生态位分析 丁丽丽, 杨红, 戴小杰, 濮鸣峰, 阎莉(116)

马鞍列岛海洋特别保护区虾类组成及其多样性 梁金玲, 汪振华, 章守宇, 徐胜南, 吴程宏, 陈玲(124)

基于北斗卫星船位数据提取拖网航次方法研究 张胜茂, 程田飞, 王晓璇, 张寒野, 刘勇, 冯春雷, 黄洪亮(135)

物理海洋

舟山近海海域夏季上升流时空特征及其与风场的关系 何青青, 张春玲, 高郭平, 魏永亮, 安佰超(142)

渔业经济与管理

2008 - 2013 年中国渔民收入结构变化及拉动力分析 程焯, 姜启军, 赵文武(152)

《上海海洋大学学报》征稿简则 (160)

JOURNAL OF SHANGHAI OCEAN UNIVERSITY

Vol. 25 No. 1, Jan. 2016

CONTENTS

- Comparison of growth, food intake, pepsin activity and pepsinogen genes expression among *Siniperca* species
..... LI Chuanyang, XU Miaoyang, THAMMARATSUNTORN Jeerawat,
ZHAO Jinliang, QIAN Yezhou, WU Chao, QIAN De(1)
- Full length cDNA cloning, identification and expression analysis of *lin-29* during early development of Japanese flounder,
Paralichthys olivaceus GAO Lina, FU Yuanshuai, SHI Zhiyi, SU Yanfang, ZHANG Hongmei(8)
- Molecular cloning and expression analysis of *LITAF* in *Lutjanus sanguineus*
..... ZHENG Qi, CAI Jia, TANG Jufen, LU Yishan, WU Zaohe, JIAN Jichang(18)
- The growth characteristics of catadromous Japanese eels (*Anguilla japonica*) from the Yangtze River Estuary, China
..... WANG Dehai, GONG Xiaoling, BAO Baolong, LIU Liping(25)
- Morphology, structure and innervation of the statocyst in *Octopus variabilis*
..... YU Shiliang, ZHANG Xuguang, ZHANG Yunfeng, HE You, GUO Hongyi, SONG Jiakun(34)
- A comparative study on whole-body elemental concentrations of *Coilia ectenes*, *Coilia ectenes taihuensis*,
Coilia mystus and *Coilia grayii* LAI Jing, ZHAO Liangjie, LIU Qigen(44)
- The comparison of the growth and precocity of juvenile *Eriocheir sinensis* from one-year precocious family and two-year
normally mature family during the first year culture stage DONG Pengsheng, LIU Qing, WU Xugan, HE Jie,
CHANG Guoliang, DING Huaiyu, WANG Youpeng, CHENG Yongxu(51)
- Effects of dietary starch sources and levels on liver histology in largemouth bass, *Micropterus salmoides*
..... XU Xiangtai, CHEN Naisong, LIU Zike, GOU Shipan, YIN Jia(61)
- Effects of low salinity stress on plasma osmolality, cortisol, prolactin and growth hormone of Japanese flounder,
Paralichthys olivaceus JIA Qianqian, LÜ Weiqun(71)
- The effects of cold stress on the antioxidant defense and immune parameters of juvenile *Epinephelus moara*
..... PAN Guiping, LIU Benwei, ZHOU Wenyu(78)
- The comparative study on the LD₅₀ to evaluate the virulence of *Vibrio parahaemolyticus* using two calculation methods
..... DONG Xuehong, TIAN Min, JI Ce, MA Wenyuan, ZHANG Qinghua(86)
- An adjustment mechanism to high light intensity for free-floating *Ulva* in the Yellow Sea
..... WU Qing, ZHANG Jianheng, ZHAO Sheng, LIU Caicai,
ZHANG Linhui, JI Xiao, SONG Wenpeng, XU Ren, HE Peimin(97)
- Seasonal variation of sea-air CO₂ flux in mariculture area in Yantian Harbor, Sansha Bay
..... WEI Zhangliang, HAN Hongbin, HU Ming, WU Hailong, ZHANG Jianheng, HUO Yuanzi, HE Peimin(106)
- Niche analysis of dominant species of fishery resources in Zhejiang Oufei reclamation area
..... DING Lili, YANG Hong, DAI Xiaojie, PU Mingfeng, YAN Li(116)
- Composition and diversity of shrimps in the Protected Ma'an Archipelago area
..... LIANG Jinling, WANG Zhenhua, ZHANG Shouyu, XU Shengnan, WU Chenghong, CHEN Ling(124)
- Research on the method of voyage extraction based on Beidou vessel monitoring system data
..... ZHANG Shengmao, CHENG Tianfei, WANG Xiaoxuan, ZHANG Hanye,
LIU Yong, FENG Chunlei, HUANG Hongliang(135)
- Study on the temporal and spatial characteristics of Zhoushan coastal upwelling and relationship with wind field in
Summer period HE Qingqing, ZHANG Chunling, GAO Guoping, WEI Yongliang, AN Baichao(142)
- Analysis of the changes of fishermen's income structure and the traction from 2008 to 2013 in China
..... CHENG Ye, JIANG Qijun, ZHAO Wenwu(152)