

中国水产科学

Zhongguo Shuichan Kexue

第 23 卷 第 3 期 2016 年 5 月

目 次

研究论文

- 草鱼 *PRL* 基因多态性与幼鱼生长性状和肌肉成分的关联分析……傅建军, 张猛, 沈玉帮, 陈勇, 徐晓雁, 李家乐 (491)
- 半滑舌鳎骨形态发生蛋白 4 基因的克隆和表达分析……马骞, 冯文荣, 柳淑芳, 庄志猛, 马慧 (500)
- 鲤肠道小肽转运载体 *PepT1* 多克隆抗体的制备及其组织表达分析……闫潇, 杨丽萍, 郑文佳, 孙君君, 卢荣华, 聂国兴 (513)
- 黄颡鱼肌细胞生成素基因 *cDNA* 克隆及其在雌雄个体中的差异表达……梁宏伟, 李忠, 邹桂伟 (522)
- 增殖放流对日本囊对虾群体遗传多样性的影响评估……魏鸿擎, 张凤英, 蒋科技, 姜亚洲, 孟永永, 宋炜, 马春艳, 程家骅, 马凌波 (530)
- 菲律宾蛤仔人工选育群体与野生群体的遗传多样性分析……聂鸿涛, 李佳, 霍忠明, 郭炜, 闫喜武 (538)
- 三角帆蚌 *F₅* 壳色及生长性状选育效果评价……吴雷明, 白志毅, 刘晓军, 李清清, 殷浩, 李家乐 (547)
- 图们江水系绒螯蟹的形态差异与遗传混杂……康伟, 吴廉, 刘金生, 张灿宇, 林明雪, 王军, 王成辉 (555)
- 不同营养状况对鲫鱼偏好游泳速度的影响……吴青怡, 曾令清, 付世建 (565)
- 蛋氨酸钴对珍珠龙胆石斑鱼幼鱼生长、矿物元素沉积及肝脏酶活力的影响……刘云, 王际英, 李宝山, 乔洪金, 柳旭东, 郝甜甜, 王晓艳 (574)
- 斜带石斑鱼幼鱼的饲料精氨酸需求量……韩凤祿, 张琴, 黄国强, 迟淑艳, 谭北平, 董晓慧, 杨奇慧, 刘泓宇, 章双南 (584)
- 南美白对虾养殖环境及其肠道细菌多样性分析……孙振丽, 宣引明, 张皓, 蒋明, 潘云生, 张益明, 龚叶平, 陆小平, 余德山, 薛仁宇, 胡小龙, 曹广力, 贡成良 (594)
- 全程投喂配合饲料条件下池养中华绒螯蟹的生长性能及其性腺发育……何杰, 吴旭干, 赵恒亮, 姜晓东, 葛永春, 王幼鹏, 成永旭 (606)
- 捕捞和环境变化对渤海生态系统的影响……林群, 王俊, 袁伟, 范振华, 金显仕 (619)
- 青岛胶州湾铠平鲉年龄、生长和种群繁殖力……张凤侠, 张秀梅, 李文涛, 张沛东 (630)
- 象山港黄姑鱼增殖放流效果评估及增殖群体利用方式优化……姜亚洲, 林楠, 刘尊雷, 袁兴伟, 李圣法, 程家骅 (641)
- 南麂列岛海洋自然保护区的虾类种类组成和数量分布……夏陆军, 陈万东, 郑基, 蔡厚才, 伍尔魏, 毕相瑶, 谢旭, 俞存根 (648)
- 围填海对珠江口南沙湿地资源与生物资源的影响……于杰, 陈作志, 徐姗姗 (661)
- 刺激隐核虫小 *GTP* 酶 *Ran* 基因的克隆与表达……付国良, 黄玛娇, 谢金珠, 胡燕红, 晏燕花, 黄镇, 黄晓红 (672)
- 池塘养殖刺参腐皮综合征发病环境因素分析……费聿涛, 李秋芬, 张艳, 成钰, 李莉, 王晓红 (682)
- 2013 年中国典型对虾养殖区白斑综合征病毒流行株高变异区序列的分析比较……孙新颖, 万晓媛, 刘庆慧, 黄健 (693)
- 基于模型试验的秋刀鱼舷提网纲索张力性能研究……石永闯, 朱清澄, 张衍栋, 花传祥, 周文博 (704)
- 围网网具性能研究进展……许柳雄, 唐浩 (713)

Journal of Fishery Sciences of China

Vol. 23 No. 3 May 2016

Contents

Polymorphisms of the <i>PRL</i> gene and their associations with growth traits and flesh components in juvenile grass carp, <i>Ctenopharyngodon idella</i>	FU Jianjun, ZHANG Meng, SHEN Yubang, CHEN Yong, XU Xiaoyan, LI Jiale (499)
Molecular cloning and expression analysis of <i>BMP4</i> gene in tongue sole (<i>Cynoglossus semilaevis</i>)	MA Qian, FENG Wenrong, LIU Shufang, ZHUANG Zhimeng, MA Hui (512)
Preparation of the antibody and tissue distribution of the peptide transporter PepT1 in <i>Cyprinus carpio</i> L.	YAN Xiao, YANG Liping, ZHENG Wenjia, SUN Junjun, LU Ronghua, NIE Guoxing (521)
Cloning and expression analysis of the <i>MyoG</i> gene in male and female yellow catfish, <i>Pelteobagrus fulvidraco</i>	LIANG Hongwei, LI Zhong, ZOU Guiwei (529)
Genetic diversity analysis of <i>Marsupenaeus japonicus</i> population for reproduction and release	WEI Hongqing, ZHANG Fengying, JIANG Keji, JIANG Yazhou, MENG Yongyong, SONG Wei, MA Chunyan, CHENG Jiahua, MA Lingbo (537)
Analysis of genetic variability in selected lines and a wild population of <i>Ruditapes philippinarum</i> using microsatellite markers	NIE Hongtao, LI Jia, HUO Zhongming, GUO Wei, YAN Xiwu (546)
Evaluation of shell color and growth traits for F_2 of the freshwater pearl mussel	WU Leiming, BAI Zhiyi, LIU Xiaojun, LI Qingqing, YIN Hao, LI Jiale (554)
Morphological differences and genetic admixture in mitten crabs in the Tumenjiang River	KANG Wei, WU Lian, LIU Jinsheng, ZHANG Canary, LIN Mingxue, WANG Jun, WANG Chenghui (564)
Preferred swimming behavior in the crucian carp (<i>Carassius auratus</i>) at different nutrition status	WU Qingyi, ZENG Lingqing, FU Shijian (573)
Effects of dietary cobalt methionine on growth performance, mineral deposition, and hepatic enzyme activities in juvenile pearl gentian grouper (<i>Epinephelus lanceolatus</i> ♂ × <i>E. fuscoguttatus</i> ♀)	LIU Yun, WANG Jiyang, LI Baoshan, QIAO Hongjin, LIU Xudong, HAO Tiantian, WANG Xiaoyan (583)
Requirement of dietary arginine for juvenile orange-spotted grouper <i>Epinephelus coioides</i>	HAN Fenglu, ZHANG Qin, HUANG Guoqiang, CHI Shuyan, TAN Beiping, DONG Xiaohui, YANG Qihui, LIU Hongyu, ZHANG Shuang (593)
Bacterial diversity in the <i>Penaeus vannamei</i> Boone intestine and aquaculture environment	SUN Zhenli, XUAN Yinming, ZHANG Hao, JIANG Ming, PAN Yunsheng, ZHANG Yiming, GONG Yeping, LU Xiaoping, YU Deshan, XUE Renyu, HU Xiaolong, CAO Guangli, GONG Chengliang (605)
Growth performance and gonadal development of pond-reared Chinese mitten crab (<i>Eriocheir sinensis</i>) fed formulated diets during the whole culture process	HE Jie, WU Xugan, ZHAO Hengliang, JIANG Xiaodong, GE Yongchun, WANG Youpeng, CHENG Yongxu (618)
Effects of fishing and environmental change on the ecosystem of the Bohai Sea	LIN Qun, WANG Jun, YUAN Wei, FAN Zhenhua, JIN Xianshi (629)
Age composition, growth, and fecundity of <i>Sebastes hubbsi</i> in Jiaozhou Bay, Qingdao	ZHANG Fengxia, ZHANG Xiumei, LI Wentao, ZHANG Peidong (640)
Effectiveness of <i>Nibea albiflora</i> stock enhancement in Xiangshan Bay and prioritization of fishing strategy for the released stock	JIANG Yazhou, LIN Nan, LIU Zunlei, YUAN Xingwei, LI Shengfa, CHENG Jiahua (647)
Species composition and quantitative distribution of shrimp in the Nanji Islands marine conservation area	XIA Lujun, CHEN Wandong, ZHENG Ji, CAI Houcai, WU Erwei, BI Siyao, XIE Xu, YU Cungen (659)
Land reclamation and its impact on fisheries resources in the Nansha wetland of Pearl River Estuary	YU Jie, CHEN Zuozhi, XU Shannan (671)
Cloning and expression of a Ran-like small GTPase gene from <i>Cryptocaryon irritans</i>	FU Guoliang, HUANG Majiao, XIE Jinzhu, HU Yanhong, YAN Yanhua, HUANG Zhen, HUANG Xiaohong (681)
Environmental factors causing skin ulcer syndrome occurrence in pond-cultured <i>Apostichopus japonicus</i>	FEI Yutao, LI Qiufen, ZHANG Yan, CHENG Yu, LI Li, WANG Xiaohong (692)
Variation sequence comparison of shrimp WSSV from different parts of China in 2013	SUN Xinying, WAN Xiaoyuan, LIU Qinghui, HUANG Jie (703)
Factors influencing the rope tension of saury stick-held lift nets	SHI Yongchuang, ZHU Qingcheng, ZHANG Yandong, HUA Chuanxiang, ZHOU Wenbo (712)
The gear performance of purse seine: A review	XU Liuxiong, TANG Hao (726)