

水产学报 2020 年 2 月 第 44 卷 第 2 期

目 次

基于线粒体 *COI* 基因序列的大鳞副泥鳅四个群体遗传多样性

..... 施文瑞, 王 磊, 方冬冬, 李梦荣, 李学军, 陈军平, 刘慧芬, 董传举 (179)

基于新开发微卫星标记评价番红砗磲两个野生群体的遗传多样性及近缘种通用性检测

..... 高红梅, 马海涛, 喻子牛, 张跃环, 肖 述, 黄飘逸, 彭建军 (187)

长牡蛎酪氨酸酶基因 (*CgTyr1*)SNP 多态性与壳色性状的关联

..... 赵博文, 李 琪, 王九龙, 于 红 (195)

澳洲鮨太平洋群系的资源评估与管理策略 张 畅, 陈新军 (206)

山东近海口虾蛄单位补充量渔获量评估 刘逸文, 张崇良, 刘淑德, 王四杰, 任一平 (213)

条斑紫菜两个耐高温品系的耐低盐特性 黄林彬, 黄 文, 严兴洪 (222)

海带孢子体光合活性对不同温度和光照的响应

..... 程晓鹏, 章守宇, 林 军, 汪振华, 赵 旭, 黄 琳, 王 凯 (234)

不同动物饵料对 YY 超雄黄颡鱼性腺发育的影响

..... 熊 阳, 王 帅, 郭稳杰, 徐 江, 陈丽慧, 刘汉勤, 梅 洁 (245)

大口黑鲈致死性结节病病原的分离、鉴定及组织病理学观察

..... 何晟毓, 魏文燕, 刘 韬, 杨 倩, 谢 恒, 何琦瑶, 汪开毓 (253)

患腹水病牙鲆病原菌分离、鉴定及病原菌的特性

..... 尚 琨, 曲凌云, 王玉芬, 王 斌, 赵 涵, 高 萍, 刘 欣 (266)

罗非鱼湖病毒核蛋白的克隆表达、抗体制备及其组织分布

..... 苏国茂, 秦真东, 李嘉波, 周 萌, 莫金凤, 张 凯, 梁日深, 吴灶和, 赵丽娟, 林 蠡 (276)

牛磺酸对急性氨中毒的鲫和草鱼抗氧化及炎症相关基因表达影响的比较

..... 章 倩, 张木子, 黎 明, 王日昕 (289)

日本沼虾血清淀粉样蛋白 A(SAA) 基因的克隆及其免疫功能

..... 江红霞, 林鑫辉, 李书凯, 王洁琛, 李学军 (300)

微波—红外联合加热对凡纳滨对虾品质的影响

..... 毛伟杰, 朱丽钰, 孙鲁浩, 刘书成, 曾少葵, 吉宏武 (314)

· 综述 ·

鱼类生殖细胞移植的研究进展及应用前景

..... 叶 欢, 危起伟, 徐冬冬, 岳华梅, 竹内裕, 阮 瑞, 杜 浩, 李创举 (321)

中国水产学会《水产学报》第十一届编辑委员会

JOURNAL OF FISHERIES OF CHINA

Vol.44, No.2, February, 2020

CONTENTS

- Genetic diversity based on the mitochondrial *COI* gene sequences in four populations of *Paramisgurnus dabryanus* SHI Wenrui, WANG Lei, FANG Dongdong, LI Mengrong, LI Xuejun, CHEN Junping, LIU Huifen, DONG Chuanju(179)
- Microsatellite markers based on new development for evalution of the genetic diversity of two wild populations of *Tridacna crocea* and transferability to related species GAO Hongmei, MA Haitao, YU Ziniu, ZHANG Yuehuan, XIAO Shu, HUANG Piaoyi, PENG Jianjun(187)
- Polymorphism in *CgTyr 1* gene and its association with shell color traits in the Pacific oyster (*Crassostrea gigas*) ZHAO Bowen, LI Qi, WANG Jiulong, YU Hong(195)
- Management and assessment of spotted mackerel (*Scomber australasicus*) biomass in the Pacific Ocean ZHANG Chang, CHEN Xinjun(206)
- Yield per recruitment evaluation of *Oratosquilla oratoria* in coastal waters of Shandong LIU Yiwen, ZHANG Chongliang, LIU Shude, WANG Sijie, REN Yiping(213)
- Low-salinity tolerance of two high-temperature resistant strains in *Pyropia yezoensis* HUANG Linbin, HUANG Wen, YAN Xinghong(222)
- Response of photosynthetic activity to different temperature and light intensities in *Saccharina japonica* sporophyte CHENG Xiaopeng, ZHANG Shouyu, LIN Jun, WANG Zhenhua, ZHAO Xu, HUANG Lin, WANG Kai(234)
- Effects of different animal baits on the gonad development of YY super-male yellow catfish (*Pelteobagrus fulvidrupo*) XIONG Yang, WANG Shuai, GUO Wenjie, XU Jiang, CHEN Lihui, LIU Hanqin, MEI Jie(245)
- Isolation, identification and histopathological study on lethal sarcoidosis of *Micropterus salmoides* HE Shengyu, WEI Wenyan, LIU Tao, YANG Qian, XIE Heng, HE Qiying, WANG Kaiyu(253)
- Isolation, identification and characteristics of pathogenic bacteria from *Paralichthys olivaceus* with ascites SHANG Kun, QU Lingyun, WANG Yufen, WANG Bin, ZHAO Han, GAO Ping, LIU Xin(266)
- Cloning, expression, antibody preparation and tissue distribution of tilapia lake virus nucleoprotein SU Guomao, QIN Zhendong, LI Jiabo, ZHOU Meng, MO Jinfeng, ZHANG Kai, LIAO Rishen, WU Zaohe, ZHAO Lijuan, LIN Li(276)
- Comparison effects of taurine on acute ammonia toxicity in genes involved in antioxidant and inflammation of *Carassius auratus* and *Ctenopharyngodon idella* ZHANG Qian, ZHANG Muzi, LI Ming, WANG Rixin(289)
- Molecular cloning and characterization of *serum amyloid A* gene and the analysis of its immune function in *Macrobrachium nipponense* JIANG Hongxia, LIN Xinhui, LI Shukai, WANG Jiechen, LI Xuejun(300)
- Effects of microwave-infrared combination heating on the quality of *Litopenaeus vannamei* MAO Weijie, ZHU Liyu, SUN Luhao, LIU Shucheng, ZENG Shaokui, JI Hongwu(314)
- ROUNDUP ▪
- Progress and application prospect of germ cell transplantation technique in fish YE Huan, WEI Qiwei, XU Dongdong, YUE Huamei, TAKEUCHI Yutaka, RUAN Rui, DU Hao, LI Chuangju(321)