

水产学报 2022年8月 第46卷 第8期

目次

- 基因组选择技术在半滑舌鳎“鳎优1号”新品种培育中的应用研究
..... 卢昇, 李仰真, 王磊, 刘洋, 程向明, 周茜, 杨英明, 郑卫卫, 陈松林 (1305)
- 大黄鱼肌纤维性状的全基因组关联分析
..... 何骞, 吴怡迪, 周志雄, 郑文彬, 周祉吟, 郝帅峰, 魏煜麒, 濮菲, 陈佳, 徐鹏 (1313)
- 四带小鲃的长鳍表型及其转录组 杨继辉, 燕男, 崔文耀, 熊加奉, 黄嵘, 任建峰 (1324)
- 多鳞四指马鲛5个地理群体的形态差异 章翊涵, 王咏雪, 梁海, 来洪运, 水柏年 (1334)
- 厄尔尼诺事件对西北太平洋柔鱼种群动态的影响 隋芯, 汪金涛, 陈新军, 雷林 (1345)
- 基于高精度声学图像的海洋牧场海床类型识别 徐晓甫, 向先全, 曾祥茜, 张博伦, 孙苗, 房恩军, 刘克奉 (1357)
- 基于卷积神经网络的养殖鱼类品种识别模型 蔡卫明, 庞海通, 张一涛, 赵建, 叶章颖 (1369)
- 长江下游苏通江段刀鲚产卵场的初步研究 薛向平, 彭云鑫, 方弟安, 徐东坡, 王小豪, 任可成 (1377)
- 低温对四川华鳊卵巢发育的影响及调控 刘楠楠, 程新凯, 杨洋, 刘娟, 辜浩然, 王志坚 (1389)
- 野生和养殖曼氏无针乌贼亲体形态、生化组分及其胚胎发育的比较
..... 朱岚倩, 郭浩宇, 张宗航, 秦依琳, 史会来, 张秀梅 (1403)
- 饲料中添加不同水草粉对克氏原螯虾生长、消化酶、抗氧化酶活性及色泽的影响
..... 张亚文, 成永旭, 李晨露, 王源源, 侯受权, 李京昊, 奚业文, 朱传忠, 李嘉尧 (1414)
- 不同工艺提取鳃蛋白质原料对黄颡鱼生长性能和生理健康的影响
..... 吕斌, 叶元土, 孙飞, 吕昊, 易皓明, 石瑶瑶, 郁浓, 蔡春芳, 吴萍, 王灵华, 吴代武, 浦琴华 (1427)
- 脆肉尼罗罗非鱼与普通尼罗罗非鱼肌肉理化与营养特性的比较
..... 谢曦, 翟笑倩, 黎烽, 邓建朝, 杨贤庆, 梁少文, 寇红岩, 黄焱, 刘华清, 李文卫, 李清清, 林鑫 (1439)
- 野生、池塘及工厂化养殖马口鱼肌肉营养成分的比较 邱德林, 张木子, 刘嘉欣, 钱云霞, 王日昕, 黎明 (1449)
- 青蛤不同壳色个体间的生长及营养差异
..... 魏敏, 吴雨晨, 陈东, 张明月, 王亦我, 仇佳文, 仇攀, 宋杰, 董志国 (1458)
- 坛紫菜优良品系的品质分析 卢玉典, 丁洪昌, 严兴洪 (1466)
- 黄连素对高脂诱导的斑马鱼肝脏细胞脂质代谢的影响
..... 刘瑾, 张美娟, 于成兵, 杨烁烁, 张京, 徐建雄, 徐维娜 (1473)
- 草鱼II型干扰素的单克隆抗体制备与鉴定 朱晓真, 王俊亚, 贾钊, 王梓璇, 王邦杰, 邹钧 (1487)
- 中国鲎血蓝蛋白提纯及其纯化物的液相色谱串联质谱分析
..... 赵忠浩, 常雪晴, 王有基, 何锦锋, 台宗光, 朱全刚, 胡梦红 (1499)
- 综述 ·
- 渔业资源增殖评估研究进展与展望 张崇良, 徐宾铎, 薛莹, 任一平 (1509)
- 渔光互补生态经济特征及其发展方向 张家华, 刘兴国, 顾兆俊, 程果锋, 朱浩 (1525)

中国水产学会《水产学报》第十一届编辑委员会 (2019年1月1日)

JOURNAL OF FISHERIES OF CHINA

Vol. 46, No. 8, August, 2022

CONTENTS

- Application of genomic selection in the breeding of new variety of Chinese tongue sole (*Cynoglossus semilaevis*) “Tayou No.1”
..... LU Sheng, LI Yangzhen, WANG Lei, LIU Yang, CHENG Xiangming, ZHOU Qian,
YANG Yingming, ZHENG Weiwei, CHEN Songlin(1305)
- Genome-wide association study of muscle fiber related traits in large yellow croaker (*Larimichthys crocea*)
..... HE Qian, WU Yidi, ZHOU Zhixiong, ZHENG Wenbin, ZHOU Zhiyin, HAO Shuaifeng,
WEI Yuqi, PU Fei, CHEN Jia, XU Peng(1313)
- Phenotypic and transcriptomic analysis of long fins of tiger barb (*Puntius tetrazona*)
..... YANG Jihui, YAN Nan, CUI Wenyao, XIONG Jiafeng, HUANG Rong, REN Jianfeng(1324)
- Morphological differences of five *Eleutheronema rhadinum* geographical stocks
..... ZHANG Yihan, WANG Yongxue, LIANG Hai, LAI Hongyun, SHUI Bonian(1334)
- Impacts of the *El Niño* event on the population dynamics of *Ommastrephes bartramii* in the Northwest Pacific Ocean
..... SUI Xin, WANG Jintao, CHEN Xinjun, LEI Lin(1345)
- Research on seabed classification of marine ranching based on high-precision acoustic images
..... XU Xiaofu, XIANG Xianquan, ZENG Xiangxi, ZHANG Bolun, SUN Miao, FANG Enjun, LIU Kefeng(1357)
- Recognition model of farmed fish species based on convolutional neural network
..... CAI Weiming, PANG Haitong, ZHANG Yitao, ZHAO Jian, YE Zhangying(1369)
- Preliminary study of *Coilia nasus* spawning grounds at Sutong section in the lower reaches of the Yangtze River
..... XUE Xiangping, PENG Yunxin, FANG Di’an, XU Dongpo, WANG Xiaohao, REN Kecheng(1377)
- Effects of low temperature on the ovarian development of *Sinibrama taeniatus*
..... LIU Nannan, CHENG Xinkai, YANG Yang, LIU Juan, GU Haoran, WANG Zhijian(1389)
- Comparison between the wild and hatchery-reared *Sepiella maindroni* in morphology, biochemical composition and embryonic development
..... ZHU Lanqian, GUO Haoyu, ZHANG Zonghang, QIN Yilin, SHI Huilai, ZHANG Xiumei(1403)
- Effects of dietary supplementation with different aquatic weed meals on the growth performance, digestive enzyme and antioxidant enzyme activities, and coloration of *Procambarus clarkii*
..... ZHANG Yawen, CHENG Yongxu, LI Chenlu, WANG Yuanyuan, HOU Shouquan,
LI Jinghao, XI Yewen, ZHU Chuanzhong, LI Jiayao(1414)
- Effects of protein ingredients obtained from Japanese anchovy by different processing technologies on yellow catfish growth performance and physiological health (*Pelteobagrus fulvidraco*)
..... LÜ Bin, YE Yuantu, SUN Fei, LÜ Hao, YI Haoming,
SHI Yaoyao, YU Nong, CAI Chunfang, WU Ping, WANG Linghua, WU Daiwu, PU Qinhu(1427)
- Comparative analysis of physicochemical and nutritional properties between crisp and normal *Oreochromis niloticus*
..... XIE Xi, ZHAI Xiaoqian, LI Feng, DENG Jianchao, YANG Xianqing, LIANG Shaowen, KOU Hongyan,
HUANG Yao, LIU Huaqing, LI Wenwei, LI Qingqing, LIN Li(1439)
- Comparison of nutritional ingredients of muscle in *Opsariichthys bidens* under wild, pond and factory farming conditions
..... QIU Delin, ZHANG Muzi, LIU Jiabin, QIAN Yunxia, WANG Rixin, LI Ming(1449)
- Growth and nutritional differences between two shell-color clams (*Cyclina sinensis*)
..... WEI Min, WU Yuchen, CHEN Dong, ZHANG Mingyue, WANG Yiwo,
ZHANG Jiawen, QIU Pan, SONG Jie, DONG Zhiguo(1458)
- Quality analysis of an improved strain of *Pyropia haitanensis* LU Yudian, DING Hongchang, YAN Xinghong(1466)
- Effects of berberine on lipid metabolism of *Danio rerio* liver cells induced by high fat
..... LIU Jin, ZHANG Meijuan, YU Chengbing, YANG Shuoshuo, ZHANG Jing, XU Jianxiong, XU Weina(1473)
- Preparation and characterization of monoclonal antibodies for type II interferons in grass carp (*Ctenopharyngodon idella*)
..... ZHU Xiaozhen, WANG Junya, JIA Zhao, WANG Zixuan, WANG Bangjie, ZOU Jun(1487)
- Hemocyanin purification from Chinese horseshoe crab (*Tachyplesus tridentatus*) and analysis of the purified products by liquid chromatography tandem with mass spectrometry ZHAO Zhonghao, CHANG Xueqing, WANG Youji, HE Jinfeng,
TAI Zongguang, ZHU Quanguang, HU Menghong(1499)
- ROUNDUP •
- Fisheries stock enhancement assessment: progress and prospect ZHANG Chongliang, XU Binduo, XUE Ying, REN Yiping(1509)
- Eco-economic characteristics and development direction of the fish-light complementation
..... ZHANG Jiahua, LIU Xingguo, GU Zhaojun, CHENG Guofeng, ZHU Hao(1525)