

中国科技核心期刊  
中国高校优秀科技期刊  
广东省优秀科技期刊



ISSN 1673-9159

# 广东海洋大学学报

JOURNAL OF GUANGDONG OCEAN UNIVERSITY



2020  
第40卷 2

## 目 次

## 【研究论文】

- Janus 激酶 3 抑制剂对马氏珠母贝珍珠囊发育和免疫相关基因表达的影响 ..... 谷泽丰, 曹艳飞, 杨海霞, 焦 钰(1)
- 转录因子 CREB 对合浦珠母贝无定型碳酸钙结合蛋白启动子的调节作用 ..... 杨 易, 高 静, 陈 彦, 鲁 冰, 谢莉萍, 张荣庆(7)
- 罗非鱼干扰素诱导蛋白 35 基因克隆及表达分析 ..... 黄 瑜, 马嘉霖, 周棉鑫, 陈敏琪, 蔡 佳, 简纪常, 汤菊芬(13)
- Fe<sup>2+</sup> 和 Fe<sup>3+</sup> 对长茎葡萄蕨藻生长、铁含量和生理特性的影响 ..... 王晓梁, 刘东超, 徐日升, 陈海昇(20)
- 大刺鳅仔、稚鱼的生长及摄食节律 ..... 钟全福, 樊海平, 薛凌展, 陈 斌, 林 煜(28)
- 红鳍笛鲷和紫红笛鲷种类和群体的矢耳石地标点法识别 ..... 张申增, 麦广铭, 陈志勘, 王学锋(35)
- 舟山海域不同功能区微微型自养浮游生物的时空分布 ..... 杨铭玉, 王 铠, 赵淑江(44)
- 2018 年春季福建近海浮游植物群落结构变化 ..... 曾宇兰, 陆斗定, 王鹏斌, 郭若玉, 管卫兵, 戴鑫烽(53)
- 海南岛近岸海域 COD 时空变化及其富营养化贡献 ..... 张 鹏, 赖进余, 戴培东, 陈 育, 彭聪慧, 赵利容, 张际标(64)
- 超高压结合酶解法提取鱼油工艺优化 ..... 张渊超, 孙钦秀, 魏 帅, 刘书成, 吉宏武, 郝记明, 毛伟杰, 高 静(71)
- 二十二碳五烯酸对淋巴细胞活性及单胺类神经递质的影响 ..... 李舒蕊, 张 才, 张理强, 殷静雯, 颜海锋, 张永平, 赵 帅, 宋 采(77)
- 海参磷脂对慢性应激诱导小鼠抑郁样行为的影响 ..... 张福诚, 李 鹏, 张 才, 杨隆恩, 黄城益, 张永平, 宋 采(83)
- 海洋短波组网通信自动选频 ..... 周相成, 吉 彬, 胡 飞(89)
- 中国北部湾沿海蕨藻科的分类研究 ..... 杨 楠, 刘金梅, 姜晶晶, 丁兰平, 陈彦伟, 王艺晓, 马 鑫, 黄冰心(94)

## 【研究报告】

- 中药复方对鲫鱼细菌性败血症的防治效果 ..... 田海军, 郑曙明(103)
- 金枪鱼鱼卵营养成分分析及营养评价 ..... 王 斌, 邬华威, 李龙岩(111)
- 一种即食牡蛎加工工艺 ..... 陈晓婷, 吴靖娜, 刘淑集, 许 昕, 乔 琪, 陈 贝, 刘智禹(117)

## CONTENTS

- Effect of Janus kinase 3 Inhibitor on the Development of Pearl Sac and the Expression of Immune-related Genes in Pearl Oyster *Pinctada fucata martensii* ..... GU Ze-feng, CAO Yan-fei, YANG Hai-xia, JIAO Yu (1)
- Regulation of ACCBP Promoter by Transcription Factor CREB in *Pinctada fucata* ..... YANG Yi, GAO Jing, CHEN Yan, LU Bing, XIE Li-ping, ZHANG Rong-qing (7)
- Cloning and Expression Analysis of ifi35 in Nile Tilapia (*Oreochromis niloticus*) ..... HUANG Yu, MA Jia-lin, ZHOU Mian-xin, CHEN Min-qi, CAI Jia, JIAN Ji-chang, TANG Ju-fen (13)
- Effects of Two Types of Inorganic Iron on the Growth, Iron Content and Physiological Characteristics of *Caulerpa lentillifera* ..... WANG Xiao-liang, LIU Dong-chao, XU Ri-sheng, CHEN Hai-sheng (20)
- Growth Characteristics and Feeding Rhythm of Larvae and Juvenile of Mastacembelus armatus ..... ZHONG Quan-fu, FAN Hai-ping, XUE Ling-zhan, CHEN Bin, LIN Yu (28)
- Performance of Otolith Landmarks on Identifying Fish Species and Stocks for Two Cultured *Lutjanus* spp. ..... ZHANG Shen-zeng, MAI Guang-ming, CHEN Zhi-jie, WANG Xue-feng (35)
- Temporal and Spatial Distribution of Picophytoplankton in Different Functional Areas of Zhoushan Sea Area ..... YANG Ming-yu, WANG Kai, ZHAO Shu-jiang (44)
- Variation of Phytoplankton Community Structure in the Coastal Water of Fujian in Spring 2018 ..... ZENG Yu-lan, LU Dou-ding, WANG Peng-bin, GUO Ruo-yu, GUAN Wei-bing, DAI Xin-feng (53)
- Spatiotemporal Variation of COD and Its Contribution to the Eutrophication in the Hainan Island Adjacent Seawater ..... ZHANG Peng, LAI Jin-yu, DAI Pei-dong, CHEN Yu, PENG Cong-hui, ZHAO Li-rong, ZHANG Ji-biao (64)
- Optimization of Extraction Parameters for Fish Oil by Ultra-high Pressure and Enzymatic Hydrolysis ..... ZHANG Yuan-chao, SUN Qin-xiu, WEI Shuai, LIU Shu-cheng, JI Hong-wu, HAO Ji-ming, MAO Wei-jie, GAO Jing (71)
- Effect of Docosapentaenoic Acid on Lymphocyte Cell Viability and Monoamine Neurotransmitter Content ..... ZHANG Cai, ZHANG Li-qiang, YIN Jing-wen, YAN Hai-feng, ZHANG Yong-ping, ZHAO Shuai, SONG Cai (77)
- Effect of Sea Cucumber Phospholipid on Depression-like Behavior Induced by Chronic unpredictability Stress in Mice ..... ZHANG Fu-cheng, LI Peng, ZHANG Cai, YANG Long-en, HUANG Cheng-yi, ZHANG Yong-ping, SONG Cai (83)
- Automatic Frequency Selection for Marine HF Networking ..... Zhou Xiang-cheng, JI Bin, Hu Fei (89)
- Taxonomic Study of Caulerpaceae from the Beibu Gulf, China ..... YANG Nan, LIU Jin-mei, JIANG Jing-jing, DING Lang-ping, CHEN Yan-wei, WANG Yi-xiao, MA Xin, HUANG Bing-xin (94)
- Prevention and Treatment Effect of Chinese Herbal Compound on Crucian Carp Bacterial Septicaemia ..... TIAN Hai-jun, ZHENG Shu-ming (103)
- Analysis and Evaluation of the Nutritional Compositions of Skipjack Tuna (*Katsuwonus pelamis*) Roes ..... WANG Bin, WU Hua-wei, LI Long-yan (111)
- Study on the Processing Technology of A Kind of Instant Oyster ..... CHEN Xiao-ting, WU Jing-na, LIU Shu-ji, XU Min, QIAO Kun, CHEN Bei, Liu Zhi-yu (117)