

目次



【研究论文】

- 罗非鱼罗湖病毒 RT-PCR 检测方法的建立及初步应用
.....雷 燕, 肖 洋, 赵振峰, 唐绍林, 黎建斌, 陈福艳(1)
- 半滑舌鳎 *gata5* 基因的克隆及表达分析.....董忠典, 张 宁, 崔忠凯, 徐文腾, 陈松林(6)
- 杂交石斑鱼和母本褐点石斑鱼转录组测序及差异表达基因分析.....林明德, 陈 刚, 马 骞,
王忠良, 张健东, 谢瑞涛, 汤保贵, 黄建盛, 周 晖, 施 钢, 潘传豪, ERIC Amenyogbe, 邓文鑫(15)
- 马氏珠母贝 *TRACP* 基因的克隆及组织表达.....郑 哲, 吴宣瑾, 焦 钰, 黄荣莲, 杜晓东(24)
- 酵母培养物替代鱼粉对凡纳滨对虾生长性能、血清生化指标、免疫力和抗病力的影响
.....桂良超, 麦浩彬, 迟淑艳, 周文豪, 李永娟, 谭北平, 董晓慧, 杨奇慧, 刘泓宇, 章 双(30)
- 异养鞭毛虫对铜绿微囊藻的生长影响 罗晚霞, 李长玲, 何雪怡, 陶德琴, 杜振雄(38)
- 温度、照度和氮磷营养盐对长茎葡萄蕨藻富硒的影响
.....蔡 煜, 刘东超, 王晓梁, 陈仁基, 谢建华, 吴靖匀(46)
- 温度、照度和接种量对钝顶螺旋藻去除酒精废水氮和磷的影响
..... 萧铭明, 黄翔鹤, 黄 强, 陈柏安, 车明晓, 李擎天(54)
- 不同温度下长茎葡萄蕨藻无机碳利用.....黄 丹, 刘东超, 王晓梁, 林 挺, 黄晓健, 欧阳兆攀(61)
- 白骨壤人工湿地对模拟对虾养殖废水处理效果及细菌群落组成的影响
.....张超超, 李长玲, 曾奇韬, 黄翔鹤, 张 宁, 符日起(70)
- 南海北部湾秋季蓝圆鲈与竹筴鱼的摄食生态及食物竞争.....李忠炉, 张文旋, 何雄波, 颜云榕(79)
- 放养鱼类对乌梁素海浮游植物群落结构的影响.....孙林丹, 沈建忠, 艾桃山, 熊 雷, 康志鹏(87)
- 牡蛎酶解工艺优化及其酶解产物对小鼠睾酮分泌的影响
.....张雪妍, 秦小明, 高加龙, 林海生, 章超桦, 黄艳球(96)
- 雌、雄海马抗疲劳和改善记忆障碍比较
.....唐海婷, 张 才, 张永平, 杨隆恩, 古敏晴, 李亚娟, 颜 玲, 宋 采(103)
- 铣削斜楔形区域形成及其对流场负压区的影响规律.....沈 灿, 李广慧, 尹凝霞, 薛 姣, 谭光宇(109)

【研究报告】

- 造礁石珊瑚自然海区断枝培育技术研究.....段晓伟, 肖宝华, 廖宝林, 杨小东, 谢子强, 谢勇琪(115)

CONTENTS

- Development and Application of a RT-PCR Assay of Tilapia Lake Virus
LEI Yan, XIAO Yang, ZHAO Zhen-feng, TANG Shao-lin, LI Jian-bin, CHEN Fu-yan (1)
- Cloning and Expression Analysis of *gata5* in Chinese Tongue Sole
DONG Zhong-dian, ZHANG Ning, CUI Zhong-kai, XU Wen-teng, CHEN Song-lin (6)
- Differentially Expressed Genes Analysis of Hybrid Grouper and Female Tiger Grouper Based on Transcriptome Sequencing
LIN Ming-de, CHEN Gang, MA Qian, WANG Zhong-liang, ZHANG Jian-dong, XIE Rui-tao, TANG Bao-gui, HUANG Jian-sheng, ZHOU Hui, SHI Gang, PAN Chuan-hao, ERIC Amenyogbe, DENG Wen-xin (15)
- Cloning and Tissue Expression Analysis of *TRACP* Gene in *Pinctada martensii*
ZHENG Zhe, WU Xuan-jin, JIAO Yu, HUANG Rong-lian, DU Xiao-dong (24)
- Effects of Yeast Culture on Growth Performance, Hematological Parameters, Immunity and Disease Resistance of *Litopenaeus vannamei*
GUI Liang-chao, MAI Hao-bin, CHI Shu-yan, ZHOU Wen-hao, LI Yong-juan, TAN Bei-ping, DONG Xiao-hui, YANG Qi-hui, LIU Hong-yu, ZHANG Shuang (30)
- Effects of Heterotrophic Flagellates (*Paraphysomonas* sp.) on Growth Performance of *Microcystis aeruginosa*
LUO Xiao-xia, LI Chang-ling, HE Xue-yi, TAO De-qin, DU Zhen-xiong (38)
- Effect of Temperature, Illuminance and Nitrogen-Phosphorus Ratio on Selenium Enrichment in *Caulerpa lentillifera*
CAI Yu, LIU Dong-chao, WANG Xiao-liang, CHEN Ren-ji, XIE Jian-hua, WU Jing-yun (46)
- Effects of Temperature, Light Intensity and Inoculation Volume on Nitrogen and Phosphorus Removal from Alcohol Wastewater by *Spirulina platensis*
XIAO Ming-ming, HUANG Xiang-hu, HUANG Qiang, CHEN Bo-an, CHE Ming-xiao, LI Qing-tian (54)
- Utilization of Inorganic Carbon of *Caulerpa lentillifera* under Different Temperature
HUANG Dan, LIU Dong-chao, WANG Xiao-liang, LIN Ting, HUANG Xiao-jian, OUYANG Zhao-pan (61)
- Effect of Different Hydraulic Loads in Mangrove (*Avicennia marina*) Constructed Wetland on Culture Wastewater
ZHANG Chao-chao, LI Chang-ling, ZENG Qi-tao, HUANG Xiang-hu, ZHANG Ning, FU Ri-chao (70)
- Feeding Ecology and Feeding Competition Between *Decapterus maruadsi* and *Trachurus japonicus* in Autumn in Beibu Gulf, South China Sea
LI Zhong-lu, ZHANG Wen-xuan, HE Xiong-bo, YAN Yun-rong (79)
- Effect of Fish Stocking on Phytoplankton Community Structure in Wuliangshai Lake
SUN Lin-dan, SHEN Jian-zhong, AI Tao-shan, XIONG Lei, KANG Zhi-peng (87)
- Optimization of Enzymatic Hydrolysis from *Crassostrea gigas* and Effects of Its Enzymatic Hydrolysate on TM3 Leydig Cells
ZHANG Xue-yan, QIN Xiao-ming, GAO Jia-long, LIN Hai-sheng, ZHANG Chao-hua, HUANG Yan-qiu (96)
- Comparison Between male and Female Sea Horse in the Anti-fatigue and Memory Improvement
TANG Hai-ting, ZHANG Cai, ZHANG Yong-ping, YANG Long-en, GU Min-qing, LI Ya-juan, YAN Ling, CAI Song (103)
- Formation of Oblique Wedge Area and the Influence Law of Negative Pressure Zone in the Flow Field
SHEN Can, LI Guang-hui, YIN Ning-xia, XUE Jiao, TAN Guang-yu (109)
- Fragments Breeding Research of Hermatypic Corals in Natural Sea Area
DUAN Xiao-wei, XIAO Bao-hua, LIAO Bao-lin, YANG Xiao-dong, XIE Zi-qiang, XIE Yong-qi (115)