

目 次

【研究论文】

- 淋巴囊肿病毒中国分离株基因组序列和结构分析………闫秀英，吴灶和，简纪常，鲁义善，孙修勤（1）
基于线粒体 *Cyt b* 基因的 10 种石珊瑚的系统发育关系………刘 丽，陈育盛，李晓娜，申玉春，刘楚吾（6）
军曹鱼群体遗传结构的 AFLP 分析………王中锋，史沛鑫，苏惠娜，赵 洁，沈恩健，刘楚吾（12）
甲状腺素对斜带石斑鱼卵黄囊期仔鱼生长发育的影响………唐啸尘，周歧存，丁 燊，张海发，王云新（18）
眼柄粗提物对凡纳滨对虾性分化的影响………朱春华，赵光凤，李广丽（23）
近江牡蛎耗氧率和排氨率的研究………栗志民，刘志刚，谢 丽，钟春城（28）
附壳造型珍珠培育技术研究………谢绍河，梁飞龙，林展新，林伟财（34）
水产养殖用芽孢杆菌制剂的检测………温崇庆，薛 明，张良军，李 兴，吴 勇（39）
盐度渐变和骤变对褐点石斑鱼存活和摄饵的影响
………施 钢，张健东，潘传豪，黄建盛，汤宝贵，周 晖，王中良，陈 刚（45）
苯酚对奥尼罗非鱼非特异性免疫指标的影响………鲁义善，余坦健，吴灶和，简纪常（52）
注射黄芪多糖对吉富罗非鱼 c 型溶菌酶基因表达量的影响
………汤菊芬，吴灶和，简纪常，鲁义善，王 僖，李 楠（58）
环境胁迫对栉孔扇贝（*Chlamys farreri*）血浆蛋白及其抗菌活性的影响………张维柱，余招龙，艾伟岭（62）
湛江港附近海域潮间带海水、沉积物和贝类体内的重金属………张才学，孙省利，陈春亮（67）
湛江港海水中铜、锌、铅、镉的周年变化与水质评价………易志全，杨艺文，张际标，孙省利，陈春亮（73）
不等边基四边形的等距曲线设计………赵 仑，刘海涛，嵇海旭，梁康养（80）

【研究简报】

- 孔雀石绿在青石斑鱼肌肉组织中的残留与消除规律
………彭景书，黄敏红，余忠明，伍卡兰，何 庆，刘爱霞（84）
吉富罗非鱼最适生长水温研究………郭恩彦，郭忠宝，罗永巨（88）

【综 述】

- 鱼类 DMRT 基因的研究进展………曹谨玲，陈剑杰，甘 西，罗永巨（94）

CONTENTS

- Analysis on Genome Sequence and Structure of Lymphocystis Disease Virus-Chinese Isolate YAN Xiu-ying, WU Zao-he, SUN Xiu-qin, LU Yi-shan, JIAN Ji-chang (1)
- Phylogenetic Relationships in 10 Species of Scleractinian Coral Based on Cyt b Sequences LIU Li, CHEN Yu-sheng, LI Xiao-na, SHEN Yu-chun, LIU Chu-wu (6)
- Analysis on Population Genetic Structure of Cobia (*Rachycentron canadum*) with AFLP Markers WANG Zhong-duo, SHI Pei-xin, SU Hui-na, ZHAO Jie, SHEN En-jian, LIU Chu-wu (12)
- Effect of Thyroxine on Growth and Development of *Epinephelus coioides* Yolk-sac Larvae TANG Xiao-chen, ZHOU Qi-cun, DING Yu, ZHANG Hai-fa, WANG Yun-xing (18)
- Effects of Eyestalk Extracts on the Sex Differentiation on *Litopenaeus vannamei* ZHU Chun-hua, ZHAO Guang-feng, LI Guang-li (23)
- Oxygen Consumption and Ammonia-N Excretion Rates of *Crassostrea rivularis* LI Zhi-min, LIU Zhi-gang, XIE Li, ZHONG Chun-cheng (28)
- A Study of Modeling Technique of Blister Pearl Production XIE Shao-he, LIANG Fei-long, LIN Zhan-xin, LIN Wei-ca i (34)
- Detection of *Bacillus* Preparations Used for Aquaculture WEN Chong-qing, XUE Ming, ZHANG Liang-jun, LI Xing, WU Yong (39)
- Effect of Gradient and Acute Salinity Stress Experiment on Survivorship and Food Intake of Brown-marbled Grouper, *Epinephelus fuscoguttatus* SHI Gang, ZHANG Jian-dong, PAN Chuan-hao, HUANG Jian-sheng, TANG Bao-gui, ZHOU Hui, WANG Zhong-liang, CHEN Gang (45)
- Effect of Phenol on the Non-Specific Immune Factors of Hybrid Tilapia (*Tilapia nilotica* × *T. aurea*) LU Yi-shan, YU Tan-jian, WU Zao-he, JIAN Ji-chang (52)
- Effect of Astragalus Polysaccharides (APS) on the Expression of Lysozyme-c Gene in GIFT Strain of Nile Tilapia (*Oreochromis niloticus*) TANG Ju-fen, JIAN Ji-chang, WU Zao-he, LU Yi-shan, WANG Bei, LI Nan (58)
- Effects of Environmental Stresses on Plasma Protein and Bactericidal Activities of *Chlamys farreri* ZHANG Wei-zhu, YU Zhao-long , AI Wei-ling(62)
- Heavy Metals in Seawater, Surface Sediment and Shellfishes in Tideland of Zhanjiang Harbor ZHANG Cai-xue, SUN Xing-li, CHEN Chun-liang (67)
- Seasonal Change of Contents of Cu, Zn , Pb and Cd and Quality Assessment in Seawater of Zhanjiang Harbor YI Zhi-quan, YANG Yi-wen, ZHANG Ji-biao, SUN Xing-li, CHEN Chun-liang (73)
- A Design of Equidistant Curves Based on Scalene Fundamental Quadrilateral ZHAO Lun, LIU Hai-tao, JI Hai-xu ,LIANG Kang-yang (80)
- Accumulation and Elimination of Malachite Green in Muscle of *Epinephelus awoara* PENG Jing-shu, HUANG Min-hong, SHE Zhong-ming, WU Ka-lan, HE Qing, LIU Ai-xia (84)
- Optimum Water Temperature for Growth of GIFT, *Oreochromis niloticus* GUO En-yan, GUO Zhong-bao, LUO Yong-ju (88)