

目 次

在体条件下 miR-305-5p 对日本沼虾 *MnCHT3A* 的靶向调控作用

..... 岳凯迪, 陈 柯, 杜 鹏, 吕艳杰, 杨 洪, 宁黔冀 (1797)

文蛤 *SRBI* 基因变异与红壳色性状的关联性 施鹤鸣, 董迎辉, 姚韩韩, 包永波, 林志华 (1804)

军曹鱼的胚胎发育及仔稚鱼形态观察 邝杰华, 陈 刚, 马 雀, 黄建盛, 张健东, 施 钢, 王忠良, 汤保贵 (1814)

亚硝态氮胁迫下凡纳滨对虾体内亚硝态氮的积累与能量代谢响应 李忠帅, 马 胜, 单洪伟, 王 腾, 肖 威 (1825)

体外培养条件下三角帆蚌胚胎早期发育观察及胚胎发育生物学零度和有效积温分析

..... 胡宏辉, 白志毅, 郭思鹏, 冯上乐, 孙田洋, 陈卫民 (1835)

以优化的 BP 神经网络模型为基础研究山东近海口虾蛄空间分布与环境因子的关系

..... 李鹏程, 张崇良, 任一平, 徐宾铎, 薛 莹 (1843)

三亚鹿回头礁区造礁石珊瑚的摄食特征 甘健锋, 俞晓磊, 罗 勇, 黄林韬, 刘聘跃, 江 雷, 黄 晖 (1854)

黄鳍棘鲷标志放流群体的规格适宜性评价 吕少梁, 林 坤, 曾嘉维, 张申增, 陈志勤, 王学锋 (1863)

日粮海带酶解提取物对斑点叉尾鮰生长和肝脏转录组表达的影响

..... 吕 昊, 叶元土, 易皓明, 孙 飞, 石瑶瑶, 吕 斌, 周 伟, 蒋 蓉 (1871)

草鱼体内溶血对肝脏氧化损伤的机制

..... 秦真东, 卢志杰, 杨敏璇, 黄 壢, 詹凡玢, 李亚男, 施 斐, 陈少君, 李 军, 林 蠡 (1886)

冬凌草甲素对嗜水气单胞菌体外抑菌效果及作用机制

..... 缪玉佳, 陈杰豪, 梁天雨, 陈际唯, 梁 超, 黄小丽, 陈德芳, 汪开毓, 耿 毅, 欧阳萍 (1899)

传染性造血器官坏死病灭活疫苗的制备及免疫保护效果 陈桂花, 徐黎明, 赵景壮, 任广明, 邵铁智, 卢彤岩 (1909)

水环境细菌病原数据库的构建及应用

..... 董鹏生, 郭海朋, 王艳婷, 程皇位, 王 凯, 洪 慢, 侯丹迪, 吴宇华, 张德民 (1921)

中国沿海刺网网具遗失率影响因子 宋利明, 陈明锐, 丁睿智, 王 迪, 周 旺, 李轶婷 (1934)

· 综述 ·

水产品副产物蛋白回收和高值化利用研究进展 赵 勇, 武 艺, 李玉锋, 刘海泉, 王敬敬 (1943)

2022 年“水产生物病害与防治”专辑征稿

《水产学报》2022 年征订启事

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. 45, No. 11, November, 2021

CONTENTS

- Targeted regulation of miR-305-5p on *Macrobrachium nipponense* *MnCHT3A* gene *in vivo*
..... YUE Kaidi, CHEN Ke, DU Juan, LÜ Yanjie, YANG Hong, NING Qianji(1797)
- Mutation in *SRB1* gene and its association with the red shell color in *Meretrix meretrix*
..... SHI Heming, DONG Yinghui, YAO Hanhan, BAO Yongbo, LIN Zhihua(1804)
- Embryonic development and morphological characteristics of larvae and juveniles of cobia (*Rachycentron canadum*)
..... KUANG Jiehua, CHEN Gang, MA Qian, HUANG Jiansheng, ZHANG Jiandong,
SHI Gang, WANG Zhongliang, TANG Baogui(1814)
- Accumulation of nitrite and responses of energy metabolism exposed to nitrite stress in *Litopenaeus vannamei*
..... LI Zhongshuai, MA Shen, SHAN Hongwei, WANG Teng, XIAO Wei(1825)
- Continuous observation of early embryonic development of *Hyriopsis cumingii* under *in vitro* culture condition and analysis of
biological zero point and effective accumulated temperature
..... HU Honghui, BAI Zhiyi, GUO Sipeng, FENG Shangle, SUN Tianyang, CHEN Weimin(1835)
- Relationship between spatial distribution of *Oratosquilla oratoria* and environmental factors in Shandong offshore based on optimized
BP neural network model analysis LI Pengcheng, ZHANG Chongliang, REN Yiping, XU Binduo, XUE Ying(1843)
- Heterotrophic feeding of hermatypic corals in Luhuitou Sanya
..... GAN Jianfeng, YU Xiaolei, LUO Yong, HUANG Lintao, LIU Chengyue, JIANG Lei, HUANG Hui(1854)
- Evaluation of suitable body size for tagging and releasing of yellowfin seabream (*Acanthopagrus latus*)
..... LÜ Shaoliang, LIN Kun, ZENG Jiawei, ZHANG Shenzeng, CHEN Zhijie, WANG Xuefeng(1863)
- Effects of *Saccharina japonica* enzymatic hydrolysis extract on the growth and hepatopancreas transcriptome of *Ictalurus punctatus*
..... LÜ Hao, YE Yuantu, YI Haoming, SUN Fei, SHI Yaoyao, LÜ Bin, ZHOU Wei, JIANG Rong(1871)
- Mechanism of liver oxidative damage induced by hemolysis in grass carp (*Ctenopharyngodon idella*)
..... QIN Zhendong, LU Zhijie, YANG Minxuan, HUANG Yao, ZHAN Fanbin, LI Yanan,
SHI Fei, CHEN Shaojun, LI Jun, LIN Li(1886)
- Antibacterial mechanism of oridonin against *Aeromonas hydrophila* *in vitro*
..... MIAO Yujia, CHEN Jiehao, LIANG Tianyu, CHEN Jiwei, LIANG Chao, HUANG Xiaoli,
CHEN Defang, WANG Kaiyu, GENG Yi, OUYANG Ping(1899)
- Preparation and immune protective efficacy analysis of an inactivated vaccine against infectious hematopoietic necrosis (IHN)
..... CHEN Guihua, XU Liming, ZHAO Jingzhuang, REN Guangming, SHAO Yizhi, LU Tongyan(1909)
- DPiWE: a curated database for pathogenic bacteria involved in water environment
..... DONG Pengsheng, GUO Haipeng, WANG Yanting, CHENG Huangwei,
WANG Kai, HONG Man, HOU Dandi, WU Yuhua, ZHANG Demin(1921)
- Influence factors on the netting gear loss rate of gillnet in coastal waters of China
..... SONG Liming, CHEN Mingrui, DING Ruizhi, WANG Di, ZHOU Wang, LI Yiting(1934)
- ROUNDUP •
- Research progress of recycling and high-value utilization of protein from aquatic by-products
..... ZHAO Yong, WU Yi, LI Yufeng, LIU Haiquan, WANG Jingjing(1943)