

淡水渔业

本期协办

FRESHWATER FISHERIES

2015年 第45卷 第5期

(总第319期)

农业部淡水渔业与种质资源利用学科群
西南大学科技成果转化中心
通威股份有限公司

目次

研究论文

- 嗜水气单胞菌外膜蛋白 *ompA* 基因的原核表达及免疫保护性研究
..... 郑宗林, 郑曙明, Delbert M. Gatlin III, 等(3)
- 软刺裸鲤和齐口裂腹鱼 *HIF1B* 和 *HIF2A* 的克隆及低氧适应性的表达分析
..... 姜华鹏, 张 驰, 王丛丛, 等(11)
- 基于胡鲠科和鲇科 ESTs 序列初步筛选兰州鲇 EST-SSR 分子标记 魏大为, 连总强, 吴旭东, 等(19)
- 基于 mtDNA 控制区序列的我国养殖鲑亚科鱼类系统关系 王伟伟, 刘 青, 魏琳琳(24)
- 四种罗非鱼精子超微结构的比较 张 涛, 邹桂伟, 梁宏伟, 等(29)
- 向家坝、溪洛渡水库蓄水前后长江上游珍稀、特有鱼类国家级自然保护区水环境质量比较
..... 茹辉军, 李云峰, 沈子伟, 等(35)
- 汤旺河下游水域主要离子组成及时空变化特征 王 飞, 战培荣, 刘 伟, 等(41)
- 玛柯河两种鱼类的资源量及分布特征 吴金明, 王 昊, 霍来江, 等(46)
- 虎门口邻近水域鱼类群落组成与历史变化 张邦杰, 莫介化, 麦家柏, 等(50)
- 中药组方对鲫斜管虫抑制作用的研究 陈鹏飞, 伍 莉(59)
- 饲料中豆粕替代鱼粉及添加牛磺酸对翘嘴鲌生长及若干生理指标的影响
..... 刘汝鹏, 樊启学, 全德文, 等(63)
- 发酵豆粕替代鱼粉对凡纳滨对虾生长、肌肉成分和血淋巴非特异性免疫的影响
..... 彭 松, 张 敏, 李小勤, 等(70)
- 饲料亚油酸/亚麻酸比率对松浦镜鲤生长和健康状况的影响 田晶晶, 雷彩霞, 吉 红(76)
- 一种复合益生菌对草鱼生长和抗氧化功能的影响 桂 琳, 王晓清, 康 银, 等(83)
- 体质量和温度对星洲红鱼耗氧率、排氨率和窒息点的影响 邓超准, 黄永春, 陈辉辉, 等(88)
- 饲料中组合色素对红草金鱼体色的影响 程云生, 陈世金, 李 静, 等(94)

研究简报

- 黄颡鱼“溃疡综合征”病原的分离鉴定及药敏试验 徐 洋, 蔺凌云, 姚嘉赞, 等(100)
- 中国大鲈胃出血病和继发细菌性腐皮病的病理特征观察 郑佳瑞, 成 奇, 王 旨, 等(105)
- 鲢养殖水体植入黄菖蒲对水质及鲢生长的影响 郑 辉, 侯 彬(109)

CONTENTS

Research Papers

- Prokaryotic expression of outer membrane protein A (*ompA*) gene of *Aeromonas hydrophila* and its immunoprotection ZHENG Zong-lin, ZHENG Shu-ming, Delbert M. Gatlin III, *et al.* (3)
- Cloning of *HIF1B* and *HIF2A* genes and their expressions response to hypoxia in *Gymnocypris dobula* and *Schizothorax prenanti* JIANG Hua-peng, ZHANG Chi, WANG Cong-cong, *et al.* (11)
- preliminary screening of *Silurus lanzhouensis* EST-SSR markers based on Clariidae and Siluridea ESTs WEI Da-wei, LIAN Zong-qiang, WU Xu-dong, *et al.* (19)
- Phylogenetic Relationship of Subfamily *Salmoninae* Trout in China Based on Control Region Sequence of Mitochondrial DNA WANG Wei-wei, LIU Qing, WEI Lin-lin, *et al.* (24)
- Comparative study on spermatozoa ultrastructure of four kinds of tilapia ZHANG Tao, ZOU Gui-wei, LIANG Hong-wei, *et al.* (29)
- Comparative study on water quality of National Nature Reserve of Rare and Endemic Fishes in the Upper Yangtze River before and after impoundment of Xiangjiaba and Xiluodu reservoirs RU Hui-jun, LI Yun-feng, SHEN Zi-wei, *et al.* (35)
- Major ions composition and spatiotemporal variation of water in Tangwang River WANG Fei, ZHAN Pei-rong, LIU Wei, *et al.* (41)
- Stock and distribution of two fish species in the Make River WU Jin-ming, WANG Hao, HUO Lai-jiang, *et al.* (46)
- The Fish Population composition and the Variations of the Fishery Resources in Humen Harbor Waters ZHANG Bang-jie, MO Jie-hua, MAI Jia-bo, *et al.* (50)
- Study on the inhibition effects of Chinese medicine compounds on *Carassius auratus Chilodonellas* CHENG Peng-fei, WU Li. (59)
- Effect of dietary replacement of fishmeal by soybean meal and taurine on growth performance and some physiological indices of juvenile topmouth culter, *Culter alburnus* LIU Ru-peng¹, FAN Qi-xue¹, QUAN De-wen, *et al.* (63)
- Effects of replacing fish meal with fermented soybean meal on growth, muscle composition and non-specific immunity of *Litopenaeus vannamei* PENG Song, ZHANG Min, LI Xiao-qin, *et al.* (70)
- Effects of dietary Linoleic acid (18:2n-6) and α -Linolenic acid (18:3n-3) ratio on the growth performance and health status of *Cyprinus Carpio* Songpu mirror TIAN Jing-jing, LEI Cai-xia, JI Hong. (76)
- Effects of one compound probiotics on growth and antioxidant function of *Ctenopharyngodon idellus* GUI Lin, WANG Xiao-qing, KANG Yin, *et al.* (83)
- Effects of body weight and temperature on oxygen consumption rate, ammonia excretion rate and asphyxiation point of Red tilapia DENG Chao-zhun, HUANG Yong-chun, CHEN Hui-hui, *et al.* (88)
- Effects of combined dietary pigments on body color of red *Carassius auratus* CHENG Yun-sheng, CHEN Shi-jin, LI Jing, *et al.* (94)

Research Notes

- Pathogen isolation, identification and susceptibility test of Ulcerative Disease Syndrome on *Pelteobagrus fulvidraco* XU Yang, LIN Ling-yun, YAO Jia-yun, *et al.* (100)
- Histopathological observation of *Andrias davidianus* infected with stomach hemorrhage and secondary bacteria rotten skin ZHENG Jia-rui, CHENG Qi, WANG Zhi, *et al.* (105)
- The Effect of *Iris pseudacorus* Implantation on water quality and Feed Efficiency in *Hypophthalmichthys molitrix* ponds ZHENG Hui, HOU Bin. (109)