

# 上海海洋大学学报

## 2020年7月 第29卷 第4期

### 目 次

#### 水产生物技术

- 两种体色瓯江彩鲤黑色素形成比较 ..... 余陆伟, 曹思雨, 王军, 王成辉(481)  
急性低盐度对缢蛏存活率、 $\text{Na}^+/\text{K}^+$ -ATPase活性以及血淋巴细胞吞噬能力的影响 ..... 李智, 彭茂潇, 叶博, 牛东红, 蓝天一, 刘晓军, 李家乐(489)  
三角帆蚌 *cyclin B* 基因克隆及功能 ..... 刘佳敏, 李文娟, 施志仪, 曹玉香, 陆阿利(496)

#### 水产养殖

- 饲料投喂及清淤对养殖库湾水环境的影响 ..... 韩胜盼, 张真, 施玉雪, 盘家永, 任丽萍, 陈来生, 董为贞, 刘其根(506)  
不同施肥模式下的稻-克氏原螯虾田块水体菌群初探 ..... 黄锦, 成永旭, 王海锋, 申浩然, 陈焕根, 李嘉尧(516)  
罗氏沼虾养殖周期中 PAHs 的生物累积特征及食用风险评价 ..... 张丽, 陈以芹, 戴习林, 杨明, 李娟英, 彭自然(526)  
水温和摇晃对黑鲷幼鱼运输生存状态的影响 ..... 朱越, 王凯, 吴松, 章守宇(533)

#### 水产营养与饲料

- 不同 C/N 对绿球藻生长和细胞组分的影响 ..... 纪鹏, 王伟隆, 黄旭雄(542)  
青田田鱼和金华田鱼肌肉营养成分的比较 ..... 胡文静, 苏超群, 刘韬, 支宇, 刘其根(552)  
饲料中植物油替代鱼油对中华绒螯蟹脂肪酸组成的影响 ..... 从娇娇, 庾庭驰, 于立志, 王红丽, 吴旭干, 王锡昌(559)

#### 水产微生物

- 基于重组毕赤酵母的鳜鱼  $\beta$ -防御素生物合成及其抑菌活性 ..... 吕星星, 王莎莎, 赵震, 陶妍, 谢晶, 钱韻芳(568)  
应用酸性电解水联合超声波杀灭副溶血性弧菌 ..... 许愈, 张昭寰, 赵莉, 刘海泉, 潘迎捷, 赵勇(578)  
东海区黄鳍东方鲀寄生异尖线虫的鉴定及河鲀毒素检测 ..... 毛捷, 龚小玲, 鲍宝龙(585)

#### 水产食品科学

- 南极磷虾羧肽酶的分离纯化及酶学性质 ..... 荣雅利, 周婷婷, 施文正, 汪之和, 李燕(593)  
不同送风和载物方式作用下冲击式速冻设备中虾仁冻结过程的比较 ..... 舒志涛, 谢晶, 杨大章, 陈聪(602)

#### 渔业资源调查

- 秘鲁近海秘鲁鳀渔场变化与海洋环境因子的关系 ..... 陈范, 陈新军(611)  
东海北部外海剑尖枪乌贼渔业生物学特征 ..... 李楠, 方舟, 陈新军(622)

#### 海洋药物

- 牡蛎酶解产物促进皮肤软组织创伤愈合的作用 ..... 杨发明, 林海生, 秦小明, 章超桦, 曹文红, 高加龙(632)

**JOURNAL OF SHANGHAI OCEAN UNIVERSITY**  
**Vol. 29 No. 4, July 2020**  
**CONTENTS**

Formation of melanin and <i>mitfa</i> in-situ in the Oujiang color common carp( <i>Cyprinus carpio</i> var. <i>color</i> )	YU Luwei, CAO Siyu, WANG Jun, WANG Chenghui(481)
Effects of acute low salinity on <i>Sinonovacula constricta</i> survival rate, Na <sup>+</sup> /K <sup>+</sup> -ATPase activity and phagocytosis of hemocytes	LI Zhi, PENG Maoxiao, YE Bo, NIU Donghong, LAN Tianyi, LIU Xiaojun, LI Jiale(489)
Expression and function of <i>cyclin B</i> gene in <i>Hyriopsis cumingii</i>	LIU Jiamin, LI Wenjuan, SHI Zhiyi, CAO Yuxiang, LU Ali(496)
Effect of feeding and dredging on water environment in aquaculture bay	HAN Shengpan, ZHANG Zhen, SHI Yuxue, PAN Jiayong, REN Liping, CHEN Laisheng, DONG Weizhen, LIU Qigen(506)
A preliminary study on the water bacteria of rice-crayfish co-culture paddy field in different fertilization modes	HUANG Jin, CHENG Yongxu, WANG Haifeng, SHEN Haoran, CHEN Huangen, LI Jiayao(516)
Bioaccumulation characteristics and risk assessment of PAHs in the breeding cycle of <i>Macrobrachium rosenbergii</i>	ZHANG Li, CHEN Yiqin, DAI Xilin, YANG Ming, LI Juanying, PENG Ziran(526)
Preliminary studies on the effects of the temperature and shaking on transport and survival of juvenile black seabream( <i>Acanthopagrus schlegelii</i> )	ZHU Yue, WANG Kai, WU Song, ZHANG Shouyu(533)
Effects of different C/N ratios on growth and cell biochemical components of <i>Chlorococcum</i> sp.	JI Peng, WANG Weilong, HUANG Xuxiong(542)
Analysis of muscle nutrient composition of <i>Cyprinus carpio</i> var. <i>color</i> in Qingtian and Jinhua	HU Wenjing, SU Chaoqun, LIU Tao, ZHI Yu, LIU Qigen(552)
Effects of dietary replacement of fish oil by vegetable oil on fatty acid composition of Chinese mitten crab ( <i>Eriocheir sinensis</i> )	CONG Jiaojiao, YU Tingchi, YU Lizhi, WANG Hongli, WU Xugan, WANG Xichang(559)
Biosynthesis of <i>Siniperca chuatsi</i> β-defensin based on recombinant <i>Pichia pastoris</i> and its antibacterial activity	LYU Xingxing, WANG Shasha, ZHAO Zhen, TAO Yan, XIE Jing, QIAN Yunfang(568)
Combination of acidic electrolyzed water with ultrasonic for killing <i>Vibrio parahaemolyticus</i>	XU Yu, ZHANG Zhaohuan, ZHAO Li, LIU Haiquan, PAN Yingjie, ZHAO Yong(578)
Identification of TTX <i>Anisakis pegreffii</i> parasites in <i>Takifugu xanthopterus</i> from the East China Sea	MAO Jie, GONG Xiaoling, BAO Baolong(585)
Purification and enzymatic properties of carboxypeptidase from <i>Euphausia superba</i>	RONG Yali, ZHOU Tingting, SHI Wenzheng, WANG Zhihe, LI Yan(593)
Comparison of freezing processes of shrimp in impingement quick-freezing equipment in different air supply and load modes	SHU Zhitao, XIE Jing, YANG Dazhang, CHEN Cong(602)
Relationship between the variation of Peru coastal <i>Engraulis ringens</i> fishing ground and oceanic environmental factors	CHEN Peng, CHEN Xinjun(611)
Fisheries biology characteristics of <i>Uroteuthis edulis</i> off the northern East China Sea	LI Nan, FANG Zhou, CHEN Xinjun(622)
Effect of enzymolysis products of oyster on wound healing of skin	YANG Faming, LIN Haisheng, QIN Xiaoming, ZHANG Chaohua, CAO Wenhong, GAO Jialong(632)