

上海海洋大学学报

2026年1月 第35卷 第1期

目次

水产生物技术

凡纳滨对虾C型凝集素基因(*LvCTLE*)的克隆及其功能分析

张欢,王瑶华,闫茂仓,冀德伟,黄贤克,罗奎,张敏(1)
长期高温驯化对尼罗罗非鱼血液学的影响 廖萍得,林一川,张文娜,江守文,许强华(13)

水产营养与饲料

不同饵料对菊黄东方鲀生长、胃排空特征和消化酶活性的影响 解志龙,于小雯,侯文杰(24)
野生和养殖绿鳍马面鲀机体营养成分比较分析

李浩轩,叶正威,张彦娇,刘家豪,马强,卫育良,梁萌青,刘长琳,徐后国(36)
黑水虻幼虫粉替代鱼粉对杂交鳊生长性能、生理代谢及肌肉品质的影响 刘智俊,李建忠,欧阳创(45)
不同暂养时间对青鱼表型特征、鱼体健康及肌肉品质的影响

孙海霞,邵仙萍,叶金云,吴成龙,明建华,陈景龙,张显睿(57)
无鱼粉饲料中添加Ala-Gln对施氏鲟幼鱼生长和能量代谢的影响

刘焯廷,王常安,郭忠宝,王晗雅,王佳豪,陆绍霞,韩世成,刘红柏(72)
野生、驯养和养殖黑斑原鲷肌肉营养成分分析与评价 武梦雨,黄建盛,何昊明,王壮壮,王万良,周建设(84)
低盐条件下饲料氯化胆碱对凡纳滨对虾生长、抗氧化能力和能量代谢的影响

余秋然,徐畅,韩凤禄,黄茂贤,李二超(96)

水域环境与保护

基于FC-TCN-GRU模型的凡纳滨对虾养殖水中氨氮和化学需氧量的预测

王智华,吴昊,周英娟,李桂娟,江敏(105)
舟山渔场水生生物中多氯联苯的污染特征和健康风险

张瀚麟,涂淑仪,兰若,汪振华,李铁军,朱剑,谢婧倩,林田(119)
广西北部湾典型水产品中有机磷酸酯的生物富集特征和食用风险评估 康亚茹,张瑞杰,余克服,曾维斌,王瑞轩(130)
长江河口鱼类幼体微塑料污染 葛红颖,唐文乔(144)

水生生物学

2022—2023年九江市主要水生生物保护区浮游植物优势种生态位与种间联结性分析

董佳怡,张玮,李乐康,瞿焯玲,孔赤平,张宝,王丽卿,许群(158)
鄱阳湖鱼类物种更新名录 曹娟,吴子君,刘文鼎,陈文静,张燕萍,章海鑫(173)

鄱阳湖通江水道春夏季仔稚鱼种类组成与多样性特征

刘企昂,王晓东,孔赤平,王生,许群,李乐康,张天禹,钟俊生(187)
长江口水域棘头梅童鱼耳石形态特征 杨晨,张成功,王婷,李建华,赵静,陈锦辉(202)

基于DNA条形码的上海滨海湿地碱蓬属植物遗传多样性分析

赵子滔,李敏,吴庭健,张梅菁,沈茜好,马绍祖,刘金林,何培民(213)

渔业资源与捕捞

基于YOLOv8X和DIDSON的水域鱼类资源监测分析 沈蔚,董世泓,刘梦骐,殷兆伟,钱恩泽,龚小玲(228)
东南太平洋长鳍金枪鱼延绳钓渔业CPUE标准化 牛成功,林琴琴,杨诗玉,朱江峰(242)

DUIE-YOLO:一种基于图像增强的水下鱿鱼目标检测算法 曹莉凌,胡浩宇,曹守启(254)
天然水域产卵环境下中华鲟趋触行为的流速响应特征

涂法宪,黄志勇,石小涛,张沈威,朱佳志,梁栋鑫,姚博远,常剑波(270)
不同内衬网比例的南极磷虾桁杆拖网模型水槽试验水动力性能分析

王晨昕,唐浩,刘伟,王忠秋,王鲁民,胡夫祥,许柳雄(279)
中东太平洋渔业生态系统结构的长期变化 王倩,冯志萍,余为(292)

海洋科学

西北太平洋中尺度涡上的海气参数异常特征分析 龙逢鑫,高郭平,苗侨龙,卞思进(305)
基于地基GNSS-R的夏季北极临岸地区土壤湿度反演:以阿拉斯加巴罗站为例 孔德刚,常亮(324)

JOURNAL OF SHANGHAI OCEAN UNIVERSITY

Vol. 35 No. 1, January, 2026

CONTENTS

- Isolation and functional analysis of a C-type lectin gene (*LvCTLE*) in *Litopenaeus vannamei*
.....ZHANG Huan, WANG Yaohua, YAN Maocang, JI Dewei, HUANG Xianke, LUO Kui, ZHANG Min(1)
- Effects of long-term high-temperature domestication on the hematology of Nile tilapia (*Oreochromis niloticus*)
.....LIAO Pingde, LIN Yichuan, ZHANG Wenna, JIANG Shouwen, XU Qianghua(13)
- Effects of different feeding diets on the growth, gastric evacuation and digestive enzyme activity of juvenile tawny puffer (*Takifugu flavidus*)
.....XIE Zhilong, YU Xiaowen, HOU Wenjie(24)
- Comparison of nutrient composition between wild and farmed *Thamnaconus septentrionalis*
.....LI Haoxuan, YE Zhengwei, ZHANG Yanjiao, LIU Jiahao, MA Qiang, WEI Yuliang, LIANG Mengqing, LIU Changlin,
XU Houguo(36)
- Effects of replacing fishmeal with black soldier fly larvae meal on growth performance, physiological metabolism, and muscle quality of mandarin fish *Siniperca chuatsi* ♀ × *Siniperca scherzeri* ♂LIU Zhijun, LI Jianzhong, OUYANG Chuang(45)
- Effects of different temporary rearing duration on phenotypic characteristics, health status, muscle quality of black carp (*Mylopharyngodon piceus*)SUN Haixia, SHAO Xianping, YE Jinyun, WU Chenglong, MING Jianhua, CHEN Jinglong, ZHANG Xianrui(57)
- Effects of Ala-Gln supplementation in soybean protein isolate feed on juvenile Amur sturgeon (*Acipenser schrenckii*)
.....LIU Yangting, WANG Chang'an, GUO Zhongbao, WANG Hanyu, WANG Jiahao, LU Shaoxia, HAN Shicheng,
LIU Hongbai(72)
- Analysis and evaluation of muscle nutritional components of wild, domesticated, and farmed *Glyptosternum maculatum*
.....WU Mengyu, HUANG Jiansheng, HE Haoming, WANG Zhuangzhuang, WANG Wanliang, ZHOU Jianshe(84)
- Effects of dietary choline chloride on growth, health, and metabolism of Pacific white shrimp (*Litopenaeus vannamei*) under low-salinity
.....YU Qiuran, XU Chang, HAN Fenglu, HUANG Maoxian, LI Erchao(96)
- Prediction of ammonia nitrogen and chemical oxygen demand in *Litopenaeus vannamei* aquaculture ponds based on the FC-TCN-GRU model
.....WANG Zhihua, WU Hao, ZHOU Yingxian, LI Guijuan, JIANG Min(105)
- Occurrence and health risks of polychlorinated biphenyls (PCBs) in aquatic organisms in the Zhoushan fishing ground
.....ZHANG Hanlin, TU Shuyi, LAN Ruo, WANG Zhenhua, LI Tiejun, ZHU Jian, XIE Jingqian, LIN Tian(119)
- Accumulation and dietary risk assessment of organophosphate esters in typical aquatic products of the Beibu Gulf
.....KANG Yaru, ZHANG Ruijie, YU Kefu, ZENG Weibin, WANG Ruixuan(130)
- Microplastic pollution of juvenile fish in the Yangtze River EstuaryGE Hongying, TANG Wenqiao(144)
- Analysis of niche and interspecific associations of dominant phytoplankton species in key aquatic conservation zones of Jiujiang City, 2022–2023DONG Jiayi, ZHANG Wei, LI Lekang, QU Yeling, KONG Chiping, ZHANG Bao, WANG Liqing, XU Qun(158)
- An updated species checklist of fishes from Poyang Lake
.....CAO Juan, WU Zijun, LIU Wending, CHEN Wenjing, ZHANG Yanping, ZHANG Haixin(173)
- Species composition and diversity characteristics of larval and juvenile fishes in the channel connecting Poyang Lake and Yangtze River during spring and summer
.....LIU Qi'ang, WANG Xiaodong, KONG Chiping, WANG Sheng, XU Qun, LI Lekang, ZHANG Tianyu, ZHONG Junsheng(187)
- Otolith morphological characteristics of *Collichthys lucidus* in the Yangtze River Estuary
.....YANG Chen, ZHANG Chenggong, WANG Ting, LI Jianhua, ZHAO Jing, CHEN Jinhui(202)
- Genetic diversity analysis of *Suaeda* plants in Shanghai coastal wetlands based on DNA barcode
.....ZHAO Zitao, LI Min, WU Tingjian, ZHANG Meijing, SHEN Xiyu, MA Shaozu, LIU Jinlin, HE Peimin(213)
- Monitoring and analysis of fish resources in waters based on YOLOv8X and DIDSON
.....SHEN Wei, DONG Shihong, LIU Mengqi, YIN Zhaowei, QIAN Enze, GONG Xiaoling(228)
- CPUE standardization in the longline fishery for albacore tuna in the Southeast Pacific Ocean
.....NIU Chenggong, LIN Qinqin, YANG Shiyu, ZHU Jiangfeng(242)
- DUIE-YOLO: An image enhancement-based underwater squid target detection algorithm.....CAO Liling, HU Haoyu, CAO Shouqi(254)
- Velocity response characteristics of contact behavior of Chinese sturgeon in natural aquatic spawning environment
.....TU Faxian, HUANG Zhiyong, SHI Xiaotao, ZHANG Shenwei, ZHU Jiazhi, LIANG Dongxin, YAO Boyuan,
CHANG Jianbo(270)
- Hydrodynamic performance analysis of model nets of the Antarctic krill beam trawl with different liner net ratios in flume tank experiments
.....WANG Chenxin, TANG Hao, LIU Wei, WANG Zhongqiu, WANG Lumin, HU Fuxiang, XU Liuxiong(279)
- The long-term changes in fishery ecosystem structure in the Eastern Central PacificWANG Qian, FENG Zhiping, YU Wei(292)
- Analysis of air-sea parameter anomalies associated with mesoscale eddies in the Northwestern Pacific
.....LONG Fengxin, GAO Guoping, MIAO Qiaolong, BIAN Sijin(305)
- Research on soil moisture inversion in Arctic coastal areas in summer based on ground-based GNSS-R: A case study of Barrow Station in AlaskaKONG Degang, CHANG Liang(324)