

上海海洋大学学报

2025年7月 第34卷 第4期

目次

水产养殖

- 水产养殖鱼类粪便的特性、影响因素及基于营养调控的优化处理张彦娇,廖兆凡,徐后国,麦康森(715)
- 上海市奉贤区凡纳滨对虾淡水养殖池塘浮游植物固碳量李桂娟,江敏,吴昊,周英娴,王智华(729)
- 纯公幼蟹放养密度对六月黄大规格蟹种养殖性能的影响梁梓龙,吴旭干,陈文彬,罗明,姜晓东(741)
- 饲料蛋氨酸水平对大口黑鲈稚鱼生长性能、消化能力和免疫抗氧化能力的影响
.....李诗洋,陈晓璞,梁浩辉,谢雨桐,胡俊茹,黄燕华,周萌,王国霞(749)

鱼类生态学

- 2017—2022年上海金泽水库鱼类群落及其变化张成,王天霖,陈立婧,龚小玲(760)
- 基于鱼类生物完整性评价梯级水电站对金沙江中游水生态系统健康的影响
.....魏琨宇,崔磊,陈浩,马思颖,刘玲,万帆,何佳(771)
- 基于Ecopath模型的飞云江口生态系统特征及斑鲈增殖容量评估
.....李尚清,秦松,王雨航,叶深,范青松,郑春芳,刘伟成(786)

海岸带生态

- 长时序遥感影像监测上海临港新片区城市化进程陈明,郭东旭,马振玲,蒙梅清(800)
- 上海海岸带生态修复现状、管理及未来趋势张春松,戴雅奇,叶骥,印越(812)
- 中国东海区典型海岸带蓝碳生态系统时空变化及其碳储量评估刘芳源,陈洁,高郭平(821)

智慧渔业工程

- 养殖系统中沉降式颗粒驱动机制的研究进展任效忠,赵晨旭,赵巍,王一凡,张俊,吴罡,史宪莹,卢珊(839)
- 规则波浪作用下近海浮式光伏平台水动力特性数值模拟
.....束加庆,贾广臣,顾晓庆,马超,倪辉豪,赵云鹏,王芳(850)
- 基于多孔介质的蟹塘水草团偏移量流场特性数值模拟韩华翔,蓝天傲,李俊,张俊,胡庆松,陈雷雷(862)
- 仿生蝠鲼型水下观测装置的设计李炳麟,王其伟,黄小双,张英,孔祥洪,韩东兴(875)

水域环境与保护

- 涠洲岛珊瑚礁区有机氯农药的污染水平、来源和生物富集特征研究
.....秦贵帮,张瑞杰,王煜轩,康亚茹,史敬文,王辰燕,韩民伟,余克服(887)
- 田园综合体低碳绿色发展评价指标体系构建及案例分析
.....尹杰,马思媛,夏杰,熊飞,杜胜男,李娟英,何文辉(896)
- 长江水质的空间分异及环境因子在多尺度上的影响林豪杰,张芮青,王孜晔,乔桥,闫振广(905)

渔业资源与管理

- 中西太平洋围网渔业兼捕渔获物组成及时空分布林明毅,王扬,朱江峰,戴小杰(919)
- 十年禁渔背景下长江流域休闲垂钓业高质量发展路径研究徐跃峰,陈廷贵,徐明昊(932)

JOURNAL OF SHANGHAI OCEAN UNIVERSITY

Vol. 34 No. 4, July, 2025

CONTENTS

Aquaculture fish faeces: characteristics, influencing factors and nutritional optimization strategies	
.....ZHANG Yanjiao, LIAO Zhaofan, XU Houguo, MAI Kangsen	(715)
Carbon sequestration by phytoplankton in fresh water aquaculture ponds of <i>Litopenaeus vannamei</i> in Fengxian District, Shanghai	
.....LI Guijuan, JIANG Min, WU Hao, ZHOU Yingxian, WANG Zhihua	(729)
Effect of stocking density of juvenile crab on culture performance of exclusive crabseed for out-season crab at lunar June (<i>Eriocheir sinensis</i>)	
.....LIANG Zilong, WU Xugan, CHEN Wenbin, LUO Ming, JIANG Xiaodong	(741)
Effects of dietary methionine levels on growth performance, antioxidant capacity and intestinal development of juvenile largemouth bass (<i>Micropterus salmoides</i>)	
.....LI Shiyang, CHEN Xiaoying, LIANG Haohui, XIE Yutong, HU Junru, HUANG Yanhua, ZHOU Meng, WANG Guoxia	(749)
Fish communities and changes in Jinze Reservoir, Shanghai from 2017 to 2022	
.....ZHANG Cheng, WANG Tianlin, CHEN Lijing, GONG Xiaoling	(760)
Assessing the impact of cascade hydropower stations on the aquatic ecosystem health in the middle reaches of Jinsha River based on fish-index of biotic integrity	
.....WEI Kunyu, CUI Lei, CHEN Hao, MA Siying, LIU Ling, WAN Fan, HE Jia	(771)
Assessment of ecosystem characteristics and the proliferation capacity of <i>Konosirus punctatus</i> in the Feiyun River Estuary based on the Ecopath model	
.....LI Shangqing, QIN Song, WANG Yuhang, YE Shen, FAN Qingsong, ZHENG Chunfang, LIU Weicheng	(786)
Monitoring the urbanization process in Shanghai Lingang Special Area using long-time-series remote sensing images	
.....CHEN Ming, GUO Dongxu, MA Zhenling, MENG Meiqing	(800)
Status, management and future trends of ecological restoration in the coastal zone of Shanghai	
.....ZHANG Chunsong, DAI Yaqi, YE Qi, YIN Yue	(812)
Spatiotemporal changes and carbon storage assessment of typical coastal blue carbon ecosystems in the East China Sea	
.....LIU Fangyuan, CHEN Jie, GAO Guoping	(821)
Progress on settleable particle driving mechanisms in aquaculture systems	
.....REN Xiaozhong, ZHAO Chenxu, ZHAO Wei, WANG Yifan, ZHANG Jun, WU Gang, SHI Xianying, LU Shan	(839)
Numerical simulation of hydrodynamic of offshore FPV platform under regular wave action	
.....SHU Jiaqing, JIA Guangchen, GU Xiaoqing, MA Chao, NI Huihao, ZHAO Yunpeng, WANG Fang	(850)
Numerical simulation study on the flow field characteristics of waterweed clumps offset in crab ponds based on porous media	
.....HAN Huaxiang, LAN Tianao, LI Jun, ZHANG Jun, HU Qingsong, CHEN Leilei	(862)
Design and implementation of a biomimetic manta ray fish observation device	
.....LI Binglin, WANG Qiwei, HUANG Xiaoshuang, ZHANG Ying, KONG Xianghong, HAN Dongxing	(875)
Occurrence, sources and bioaccumulation of organochlorine pesticides in the Weizhou Island coral reef area	
.....QIN Guibang, ZHANG Ruijie, WANG Yuxuan, KANG Yaru, SHI Jingwen, WANG Chenyan, HAN Minwei, YU Kefu	(887)
Construction and case analysis of low-carbon green development evaluation index system for rural complexes	
.....YIN Jie, MA Siyuan, XIA Jie, XIONG Fei, DU Shengnan, LI Juanying, HE Wenhui	(896)
Spatial differentiation of water quality in the Yangtze River and the impact of environmental factors on multiple scales	
.....LIN Haojie, ZHANG Ruiqing, WANG Ziyi, QIAO Qiao, YAN Zhenguang	(905)
Composition and spatiotemporal distribution of bycatch in purse seine fisheries in the Western and Central Pacific Ocean	
.....LIN Mingyi, WANG Yang, ZHU Jiangfeng, DAI Xiaojie	(919)
Research on the high-quality development path of recreational fishing industry in the Yangtze River Basin under the background of the 10-year fishing ban policy	
.....XU Yuefeng, CHEN Tinggui, XU Minghao	(932)