

海洋环境科学

第44卷 第2期

2025年4月

目 次

【调查与研究】

- 长江口附近沉积物中活性铁氧化物对有机碳的保存及影响因素 潘柏瑜, 王春峰, 杨红 (161)
- 东寨港河口冬季氮营养盐分布及浮游植物氮吸收速率研究
..... 殷静超, 谭佐莉, 石彭兰, 赵蓉, 徐敏, 贾仁明, 张丽, 黄志雄, 苏剑钟, 高树基 (171)
- 广东省陆海氮污染空间排放特征及相关性分析 邹富桢, 陈瑜, 罗育池, 袁强, 祝明月 (182)
- 江苏近岸海域氮磷时空分布、来源及其影响因素分析 廖晨峰, 毛龙江, 邓晓茜, 王婷, 彭模, 周超凡 (190)
- 渤海夏季海水 $p\text{CO}_2$ 分布及其调控机制研究 尹晓敏, 邓雪, 魏雅雯, 刘茜 (201)
- 长江口-杭州湾海域金属基纳米颗粒: 沉积物中赋存特征与生物积累
..... 张强强, 杨静媛, 徐淑君, 安云蕊, 高梦繁, 马新东, 陈景文, 李雪花 (212)
- 辽东湾沉积物中有机磷酸酯的分布特征及生态风险评价
..... 刘善斌, 曲健, 刘星, 田洪旭, 高媛, 陈吉平 (224)
- 基于 DNA 宏条形码的长江口邻近海域夏、冬季浮游动物群落结构特征研究
..... 徐艳格, 周超, 李博, 颜金培, 刘星辰, 张鸿博 (236)
- 2013—2022 年大连湾海洋浮游动物群落结构变化及其与环境因子关系研究
..... 李雨轩, 王睿睿, 王薇, 尹延明, 刘振鹏, 代征, 李明浩, 闫启伦 (247)
- 某滨海核电厂冷源取水口生物调查及风险分析
..... 郑碧琪, 刘刚, 刘炜, 程宏, 单柳絮, 黄文, 刘怡君, 郑腾飞, 王庆业, 姜倩 (257)
- 基于连续高密度电阻率测量判断海水入侵影响范围的实验研究 杨林, 陈波, 于洪军, 苏乔 (266)
- 犀丽湾海滩演化分析及修复方案比选研究 宋伟龙, 孙永根, 张志卫, 陈超豪 (276)
- 基于系统动力学模型的海洋碳汇银行生态与经济效应研究——以浙江省为例
..... 贺义雄, 王燕炜, 张风轩, 董华洋 (284)
- 中国近海近 20 年来分粒级浮游植物初级生产力时空特征遥感分析
..... 蔡福晟, 王胜强, 郎妹燕, 贾永君, 孙德勇, 张海龙 (294)
- 基于历史数据的南海海表温度百年时空变化特征分析 赵强, 陶京, 刘豪, 刘东, 范伟 (304)
- 中国近海大气有机氮干沉降通量的时空变化特征 贺慧泽, 张洁, 于森, 黄蕾, 李恒, 刘晓环 (312)

MARINE ENVIRONMENTAL SCIENCE

Vol. 44, No. 2

April 2025

Contents

Investigation and Research

- Preservation of organic carbon by active iron oxides in sediments near the Yangtze Estuary and its influencing factors PAN Baiyu, WANG Chunfeng, YANG Hong (161)
- The nitrogen distribution and phytoplankton uptake rates in the wintertime at Dongzhai estuary YIN Jingchao, TAN Zuoli, SHI Penglan, ZHAO Rong, XU Min, JIA Renming, ZHANG Li, HUANG Zhixiong, SU Jianzhong, KAO ShuhJi (171)
- Spatial characteristics and correlation analysis of Nitrogen pollution from land and sea in Guangdong province ZOU Fuzhen, CHEN Yu, LUO Yuchi, YUAN Qiang, ZHU Mingyue (182)
- The temporal-spatial distribution characteristics, sources and influencing factors of nitrogen and phosphorus in the coastal area of Jiangsu province LIAO Chenfeng, MAO Longjiang, DENG Xiaoqian, WANG Ting, PENG Mo, ZHOU Chaofan (190)
- Study on the distribution and regulation mechanism of $p\text{CO}_2$ in the Bohai Sea in summer YIN Xiaomin, DENG Xue, WEI Yawen, LIU Qian (201)
- Occurrence characteristics in sediment and bioaccumulation for metal-based nanoparticles in the Yangtze River Estuary-Hangzhou Bay ZHANG Qiangqiang, YANG Jingyuan, XU Shujun, AN Yunrui, GAO Mengfan, MA Xindong, CHEN Jingwen, LI Xuehua (212)
- Organophosphate esters (OPEs) in sediment of the Liaodong Bay: occurrence, distribution and risk assessment LIU Shanbin, QU Jian, LIU Xing, TIAN Hongxu, GAO Yuan, CHEN Jiping (224)
- Characterization of zooplankton community structure in summer and winter on the Yangtze River Estuary and adjacent waters based on DNA metabarcoding XU Yange, ZHOU Chao, LI Bo, YAN Jinpei, LIU Xingchen, ZHANG Hongbo (236)
- Study on the changes in the community structure of marine zooplankton in Dalian bay from 2013 to 2022 and its relationship with environmental factors LI Yuxuan, WANG Ruirui, WANG Wei, YIN Yanming, LIU Zhenpeng, DAI Zheng, [LI Minghai], YAN Qilun (247)
- Biological investigation and risk analysis around cooling water intake of a coastal nuclear power plant ZHENG Biqi, LIU Gang, LIU Wei, CHENG Hong, SHAN Liuxu, HUANG Wen, LIU Yijun, ZHENG Tengfei, WANG Qingye, JIANG Qian (257)
- Experimental study on determining the impact range of seawater intrusion based on continuous high-density resistivity measurements YANG Lin, CHEN Bo, YU Hongjun, SU Qiao (266)
- Evolutionary analysis and comparison of restoration scheme for Xili bay beach SONG Weilong, SUN Yonggen, ZHANG Zhiwei, CHEN Chaohao (276)
- Study on ecological and economic effects of marine carbon sink bank based on system dynamics model —— Taking Zhejiang province as an example HE Yixiong, WANG Yanwei, ZHANG Fengxuan, DONG Huayang (284)
- Remote sensing of spatiotemporal variations of size-fractionated primary productivity in the Chinese coastal area over the past two decades CAI Fusheng, WANG Shengqiang, LANG Shuyan, JIA Yongjun, SUN Deyong, ZHANG Hailong (294)
- Characterization of 100-year temporal and spatial variations of sea surface temperature in the South China Sea based on historical data ZHAO Qiang, TAO Jing, LIU Hao, LIU Dong, FAN Wei (304)
- Characteristics of atmospheric dry deposition of organic nitrogen over China Seas HE Huize, ZHANG Jie, YU Miao, HUANG Lei, LI Heng, LIU Xiaohuan (312)