

《海洋工程》2021年总目录, 第39卷, 第1~6期**THE OCEAN ENGINEERING Contents of Vol. 39, No. 1~6, 2021****第39卷, 第1期, 2021年1月 Vol. 39, No. 1, Jan., 2021**

- 于定勇, 康骁, 赵建豪. 不同倒角半径四柱体绕流数值模拟及水动力特性分析[J]. 海洋工程, 2021, 39(1): 1-11. (YU Dingyong, KANG Xiao, ZHAO Jianhao. Numerical simulation and hydrodynamic characteristics analysis of flow past a cylinder with different rounded radius under four square-arranged cylinders[J]. The Ocean Engineering, 2021, 39(1): 1-11. (in Chinese))
- 杜沛霖, 孙昭晨, 梁书秀. 新型直立式透空堤消浪性能数值研究[J]. 海洋工程, 2021, 39(1): 12-20. (DU Peilin, SUN Zhaochen, LIANG Shuxiu. Numerical study on wave dissipation performance of new type vertical permeable breakwater[J]. The Ocean Engineering, 2021, 39(1): 12-20. (in Chinese))
- 金哲飞, 张金凤, 张庆河, 等. 波浪作用下锚链系泊浮式防波堤动力响应的数值模型研究[J]. 海洋工程, 2021, 39(1): 21-31. (JIN Zhefei, ZHANG Jinfeng, ZHANG Qinghe, et al. Study on numerical model of hydrodynamics of mooring line floating breakwater under wave actions[J]. The Ocean Engineering, 2021, 39(1): 21-31. (in Chinese))
- 易振宇, 蒋昌波, 屈科, 等. 聚焦波浪在浅堤上传播变形高精度数值模拟研究[J]. 海洋工程, 2021, 39(1): 32-42. (YI Zhenyu, JIANG Changbo, QU Ke, et al. High-resolution numerical simulation of focused wave propagation and deformation on submerged breakwater[J]. The Ocean Engineering, 2021, 39(1): 32-42. (in Chinese))
- 陈元鑫, 寇雨丰, 林志良, 等. 立柱直径比对四立柱平台涡激运动性能影响的数值研究[J]. 海洋工程, 2021, 39(1): 43-52. (CHEN Yuanxin, KOU Yufeng, LIN Zhiliang, et al. 2-D numerical investigation on the influence of the column diameter ratio on the vortex-induced motion of the four-column platform[J]. The Ocean Engineering, 2021, 39(1): 43-52. (in Chinese))
- 侯静, 杨伟, 任翠青, 等. 陵水17-2气田深水钢悬链立管强度敏感性分析研究[J]. 海洋工程, 2021, 39(1): 53-61. (HOU Jing, YANG Wei, REN Cuiqing, et al. Analysis on SCR strength sensitivity in deepwater of Lingshui 17-2[J]. The Ocean Engineering, 2021, 39(1): 53-61. (in Chinese))
- 毛良杰, 曾松, 刘清友. 软悬挂状态下隔水管动力特性分析[J]. 海洋工程, 2021, 39(1): 62-71. (MAO Liangjie, ZENG Song, LIU Qingyou. Dynamic mechanical behavior analysis of drilling riser under soft hang-off condition[J]. The Ocean Engineering, 2021, 39(1): 62-71. (in Chinese))
- 陈智昊, 吕海宁, 吴琪. 深海采矿系统长距离垂直输管道力学性能研究[J]. 海洋工程, 2021, 39(1): 72-82. (CHEN Zhihao, LV Haining, WU Qi. Research on mechanical properties of long-distance vertical transportation pipeline in deep sea mining system[J]. The Ocean Engineering, 2021, 39(1): 72-82. (in Chinese))
- 杨建, 董小倩, 杨晨俊. 块状冰对螺旋桨水动力性能的影响[J]. 海洋工程, 2021, 39(1): 83-90. (YANG Jian, DONG Xiaoqian, YANG Chenjun. Effects of block ice on hydrodynamic performance of propeller[J]. The Ocean Engineering, 2021, 39(1): 83-90. (in Chinese))
- 魏志祥, 吴超. 面向ARV的视觉辅助水下对接方法研究[J]. 海洋工程, 2021, 39(1): 91-99. (WEI Zhixiang, WU Chao. Study on docking method of ARV based on monocular vision[J]. The Ocean Engineering, 2021, 39(1): 91-99. (in Chinese))
- 孔德森, 刘一, 邓美旭, 等. 海上风电单桩基础-土相互作用特性影响因素分析[J]. 海洋工程, 2021, 39(1): 100-111. (KONG Desen, LIU Yi, DENG Meixu, et al. Analysis of influencing factors of monopile foundation-soil interaction characteristics for offshore wind power[J]. The Ocean Engineering, 2021, 39(1): 100-111. (in Chinese))
- 陈洋彬, 郑敬宾, 王栋. 弱超固结黏土中桩靴贯入形成孔洞对承载力影响[J]. 海洋工程, 2021, 39(1): 112-120. (CHEN Yangbin, ZHENG Jingbin, WANG Dong. Effect of cavity on the bearing capacity of spudcan foundation in lightly overconsolidated clay[J]. The Ocean Engineering, 2021, 39(1): 112-120. (in Chinese))
- 吴荣辉, 叶锦峰, 骆光杰, 等. 江苏海岸辐射沙洲地层中大直径钢管桩基础承载性能试验研究[J]. 海洋工程, 2021, 39(1):

- 121-132. (WU Ronghui, YE Jinfeng, LUO Guangjie, et al. Experimental study on the bearing characteristics of steel pipe pile in radial sandbar of Jiangsu province[J]. The Ocean Engineering, 2021, 39(1): 121-132. (in Chinese))
- 刘涛, 冯曦, 冯卫兵, 等. 基于基因表达式编程算法的波浪透射预测[J]. 海洋工程, 2021, 39(1): 133-141. (LIU Tao, FENG Xi, FENG Weibing, et al. Prediction of wave transmission using gene expression programming[J]. The Ocean Engineering, 2021, 39(1): 133-141. (in Chinese))
- 席儒, 张海成, 陆晔, 等. 不规则波激励下磁力双稳态波浪能转换装置的能量捕获特性研究[J]. 海洋工程, 2021, 39(1): 142-152. (XI Ru, ZHANG Haicheng, LU Ye, et al. Study on energy capture characteristics of magnetic bistable wave energy conversion device under irregular waves[J]. The Ocean Engineering, 2021, 39(1): 142-152. (in Chinese))
- 谢天财, 黄良沛, 邹东升, 等. 海洋绞车主动升沉补偿控制系统建模与仿真分析[J]. 海洋工程, 2021, 39(1): 153-161. (XIE Tiancai, HUANG Liangpei, ZOU Dongsheng, et al. Modelling and simulation analysis of active heave compensation control system for marine winch[J]. The Ocean Engineering, 2021, 39(1): 153-161. (in Chinese))
- 朱云翔. 基于 Savitsky 法滑翔艇航行姿态参数影响研究[J]. 海洋工程, 2021, 39(1): 162-170. (ZHU Yunxiang. A study on the influence of parameters on the navigation attitude of planing hull based on Savitsky's method[J]. The Ocean Engineering, 2021, 39(1): 162-170. (in Chinese))
- 《海洋工程》第四届理事会..... (171)

第 39 卷, 第 2 期, 2021 年 3 月 Vol. 39, No.2, Mar., 2021

- 唐友刚, 曲晓奇, 李焱, 等. 畸形波作用下张力腿浮式风力机动力响应特性[J]. 海洋工程, 2021, 39(2): 1-11. (TANG Yougang, QU Xiaochi, LI Yan, et al. Dynamic response characteristics of TLP type offshore floating wind turbine in freak wave[J]. The Ocean Engineering, 2021, 39(2): 1-11. (in Chinese))
- 乐从欢, 任建宇, 姜明涛, 等. 砂土中四筒导管架风机基础抗弯承载力研究[J]. 海洋工程, 2021, 39(2): 12-19. (LE Conghuan, REN Jianyu, JIANG Mingtao, et al. Analysis of the moment bearing capacity of four-bucket jacket foundation in sandy soil[J]. The Ocean Engineering, 2021, 39(2): 12-19. (in Chinese))
- 林志远, 白兴兰, 尤岩岩, 等. 非线性管土耦合作用下钢悬链式立管触地区敏感性分析[J]. 海洋工程, 2021, 39(2): 20-31. (LIN Zhiyuan, BAI Xinglan, YOU Yanyan, et al. Sensitivity analysis of steel catenary riser TDZ under nonlinear pipe-soil coupling[J]. The Ocean Engineering, 2021, 39(2): 20-31. (in Chinese))
- 王庆功, 王建华, 范怡飞. 桩靴贯入黏土层时邻近群桩相互作用分析[J]. 海洋工程, 2021, 39(2): 32-43. (WANG Qinggong, WANG Jianhua, FAN Yifei. Interaction analysis of adjacent pile groups during spudcan penetration in clay layer[J]. The Ocean Engineering, 2021, 39(2): 32-43. (in Chinese))
- 阳志文, 张华庆, 李金钊, 等. 波流作用下悬浮隧道运动响应纵向截断模型试验研究[J]. 海洋工程, 2021, 39(2): 44-52. (YANG Zhiwen, ZHANG Huaqing, LI Jinzhao, et al. A study on the wave-current-induced motion responses of submerged floating tunnels using longitudinal truncated model tests[J]. The Ocean Engineering, 2021, 39(2): 44-52. (in Chinese))
- 王煦, 韩聪聪, 刘君. 新型动力安装锚水动力学特性模型试验研究[J]. 海洋工程, 2021, 39(2): 53-61. (WANG Xu, HAN Congcong, LIU Jun. Experimental investigation on hydrodynamic characteristics of light-weight gravity installed plate anchor[J]. The Ocean Engineering, 2021, 39(2): 53-61. (in Chinese))
- 闻云呈, 王晓航, 夏云峰, 等. 深水桥梁台阶式沉井基础局部冲刷特性研究[J]. 海洋工程, 2021, 39(2): 62-69. (WEN Yuncheng, WANG Xiaohang, XIA Yunfeng, et al. Study on local scour characteristics of stepped open caisson of deep water foundations for bridge[J]. The Ocean Engineering, 2021, 39(2): 62-69. (in Chinese))
- 葛灿, 潘存鸿, 张沈阳. 杭州湾枯季水沙若干特征分析[J]. 海洋工程, 2021, 39(2): 70-79. (GE Can, PAN Cunhong, ZHANG Shenyang. Some characteristics of flow and sediment in dry season in the Hangzhou Bay[J]. The Ocean Engineering, 2021, 39(2): 70-79. (in Chinese))
- 任一晗, 叶涛焱, 杨铭哲, 等. 围垦对舟山群岛海域潮流结构及潮能分布影响研究[J]. 海洋工程, 2021, 39(2): 80-89. (REN

- Yihan, YE Taoyan, YANG Mingzhe, et al. Impacts of reclamations on tidal flow structure and tidal energy in the Zhoushan Archipelago sea area[J]. The Ocean Engineering, 2021, 39(2): 80-89. (in Chinese))
- 郭雅琼,马进荣,邹国良,等. 舟山 LNG 取水道泥沙淤积试验研究[J]. 海洋工程, 2021, 39(2): 90-97. (GUO Yaqiong, MA Jinrong, ZOU Guoliang, et al. Sedimentation experiment on flow passage of water intake pumping station of Zhoushan LNG[J]. The Ocean Engineering, 2021, 39(2): 90-97. (in Chinese))
- 欧泽挺,邓争志,任翔,等. 前板可旋转的双垂板结构水动力特性的理论研究[J]. 海洋工程, 2021, 39(2): 98-109. (OU Zeting, DENG Zhengzhi, REN Xiang, et al. Hydrodynamic performances of two vertical surface-piercing plates with a pitching front-plate[J]. The Ocean Engineering, 2021, 39(2): 98-109. (in Chinese))
- 王佳玉,余龙. 基于 M-BEMT2.0 研究串列海流发电机的水动力性能[J]. 海洋工程, 2021, 39(2): 110-120. (WANG Jiayu, YU Long. Hydrodynamic performance of marine current turbine array based on M-BEMT2.0 method[J]. The Ocean Engineering, 2021, 39(2): 110-120. (in Chinese))
- 刘李为,王爽,张志国,等. 基于 HUST-Ship 的船舶耐波性数值试验水池参数化建模方法研究[J]. 海洋工程, 2021, 39(2): 121-133. (LIU Liwei, WANG Shuang, ZHANG Zhiguo, et al. Parametric modelling method of ship numerical wave tank based on HUST-Ship[J]. The Ocean Engineering, 2021, 39(2): 121-133. (in Chinese))
- 杨冬宝,季顺迎. 螺旋桨对海冰切削作用的 DEM-FEM 耦合分析[J]. 海洋工程, 2021, 39(2): 134-143. (YANG Dongbao, JI Shunying. Analysis of sea ice milling with propeller based on coupled DEM-FEM model[J]. The Ocean Engineering, 2021, 39(2): 134-143. (in Chinese))

短文 NOTES

- 汤群益,孙震洲,陈杰峰,等. 一种基于状态空间模型的浮式海上升压站平台动力响应计算方法研究[J]. 海洋工程, 2021, 39(2): 144-152. (TANG Qunyi, SUN Zhenzhou, CHEN Jiefeng, et al. Research on dynamic response calculation method of floating offshore substation platform based on state space model[J]. The Ocean Engineering, 2021, 39(2): 144-152. (in Chinese))
- 夏冉,刘洪磊,张洲,等. 基于模糊故障树方法的脐带缆可靠性分析研究[J]. 海洋工程, 2021, 39(2): 153-161. (XIA Ran, LIU Honglei, ZHANG Zhou, et al. Reliability analysis of umbilical based on fuzzy fault tree theory[J]. The Ocean Engineering, 2021, 39(2): 153-161. (in Chinese))
- 王火平,陈亮,郭延良,等. 海洋内孤立波预警监测识别技术及其在流花 16-2 油田群开发中的应用[J]. 海洋工程, 2021, 39(2): 162-170. (WANG Huoping, CHEN Liang, GUO Yanliang, et al. Observing, identification and early warning technology of internal solitary wave and its application in Lihua 16-2 oilfield group development project[J]. The Ocean Engineering, 2021, 39(2): 162-170. (in Chinese))
- 《海洋工程》第四届理事会..... (171)

第 39 卷, 第 3 期, 2021 年 5 月 Vol. 39, No.3, May, 2021

- 张洪生,郑应刚,王有强. 基于 VMD 对 SAR 海洋内波参数的自动反演[J]. 海洋工程, 2021, 39(3): 1-10. (ZHANG Hongsheng, ZHENG Yinggang, WANG Youqiang. Automatically extracting parameters of oceanic internal wave from SAR image based on variational mode decomposition[J]. The Ocean Engineering, 2021, 39(3): 1-10. (in Chinese))
- 王国玉,张琪,赵银林. 不规则波作用下沿岸流流速分布规律分析[J]. 海洋工程, 2021, 39(3): 11-20. (WANG Guoyu, ZHANG Qi, ZHAO Yinlin. Analysis of alongshore current velocity generated by irregular waves[J]. The Ocean Engineering, 2021, 39(3): 11-20. (in Chinese))
- 杨冲霄,袁昱超,薛鸿祥,等. 振荡流作用下圆柱体结构的水动力特性研究[J]. 海洋工程, 2021, 39(3): 21-30. (YANG Chongxiao, YUAN Yuchao, XUE Hongxiang, et al. Hydrodynamic characteristics of a cylindrical structure in oscillatory flow[J]. The Ocean Engineering, 2021, 39(3): 21-30. (in Chinese))
- 杜一豪,纪翀,姜胜超,等. 不规则波下船舶运动响应特征数值分析[J]. 海洋工程, 2021, 39(3): 31-41. (DU Yihao, JI Chong, JIANG Shengchao, et al. Numerical analysis of ship motion response characteristics in irregular waves[J]. The Ocean

Engineering, 2021, 39(3): 31-41. (in Chinese))

韩涛, 汪俊泽, 王元, 等. 屈曲利用因子约束下船体板架结构优化设计方法[J]. 海洋工程, 2021, 39(3): 42-50. (HAN Tao, WANG Junze, WANG Yuan, et al. Optimization of ship grillage structure under constraints of buckling utilization factor[J]. The Ocean Engineering, 2021, 39(3): 42-50. (in Chinese))

陆凯, 陈徐均, 程良玉, 等. 浮式两级缓冲防撞系统及浮体结构构型研究[J]. 海洋工程, 2021, 39(3): 51-59. (LU Kai, CHEN Xujun, CHENG Liangyu, et al. Structural configuration research on floating two-stage buffer collision-prevention system and floater structure[J]. The Ocean Engineering, 2021, 39(3): 51-59. (in Chinese))

付振秋, 李欣, 郭孝先, 等. 用于拆平台的双船协同动力定位试验研究[J]. 海洋工程, 2021, 39(3): 60-71. (FU Zhenqiu, LI Xin, GUO Xiaoxian, et al. Experimental study on cooperative dynamic positioning for twin-lift decommissioning operation[J]. The Ocean Engineering, 2021, 39(3): 60-71. (in Chinese))

武行, 赵海盛, 李昕. 非对称局部壁厚减薄海底管道的屈曲分析[J]. 海洋工程, 2021, 39(3): 72-82. (WU Hang, ZHAO Haisheng, LI Xin. Buckling analysis of pipes with asymmetric local wall thinning[J]. The Ocean Engineering, 2021, 39(3): 72-82. (in Chinese))

王强, 刘海笑, 李洲. 基于边界面模型的砂土中板锚循环承载力数值分析[J]. 海洋工程, 2021, 39(3): 83-94. (WANG Qiang, LIU Haixiao, LI Zhou. Numerical analysis of cyclic bearing capacity of plate anchors in sand based on boundary surface model[J]. The Ocean Engineering, 2021, 39(3): 83-94. (in Chinese))

高洋洋, 朱佳慧, 王立忠, 等. 橡胶坝导流堤对高桩码头后方流场影响分析[J]. 海洋工程, 2021, 39(3): 95-108. (GAO Yangyang, ZHU Jiahui, WANG Lizhong, et al. Numerical investigation of the effect of rubber dam diversion dike on the flow field behind the pile-supported wharf[J]. The Ocean Engineering, 2021, 39(3): 95-108. (in Chinese))

汪俊有, 李爱军, 刘勇. 沉箱基础对摇板式波浪能装置水动力性能影响研究[J]. 海洋工程, 2021, 39(3): 109-117. (WANG Junyou, LI Aijun, LIU Yong. Study on the effect of caisson foundation on the hydrodynamic performance of flap wave energy device[J]. The Ocean Engineering, 2021, 39(3): 109-117. (in Chinese))

刘炬, 王少华, 李莉, 等. 强潮高浊度海域坐底结构物稳定性分析[J]. 海洋工程, 2021, 39(3): 118-126. (LIU Ju, WANG Shaohua, LI Li, et al. Stability analysis of seabed structures in macro-tidal turbid sea waters[J]. The Ocean Engineering, 2021, 39(3): 118-126. (in Chinese))

短文 NOTES

叶舟. 基于浙江海堤安全的海洋环境因子变化研究[J]. 海洋工程, 2021, 39(3): 127-134. (YE Zhou. Study on the impact of regional marine environmental factors on the seawall safety in Zhejiang[J]. The Ocean Engineering, 2021, 39(3): 127-134. (in Chinese))

李森林, 余红发, 达波, 等. C60 全珊瑚海水混凝土的钢筋锈蚀行为研究[J]. 海洋工程, 2021, 39(3): 135-140. (LI Senlin, YU Hongfa, DA Bo, et al. Study on reinforcement corrosion behavior of C60 coral aggregate seawater concrete[J]. The Ocean Engineering, 2021, 39(3): 135-140. (in Chinese))

刘军鹏, 齐华林, 罗晓兰, 等. 基于有限元方法的柔性立管防弯器疲劳寿命分析[J]. 海洋工程, 2021, 39(3): 141-147. (LIU Junpeng, QI Hualin, LUO Xiaolan, et al. Fatigue life of flexible riser bend stiffener based on finite element method[J]. The Ocean Engineering, 2021, 39(3): 141-147. (in Chinese))

余稳, 蒋宝凡, 刘剑涛. 混合破坏模式在自升式钻井平台插桩中的应用[J]. 海洋工程, 2021, 39(3): 148-155. (SHE Wen, JIANG Baofan, LIU Jiantao. Application of the mixed failure model in footing penetration analysis of jack-up rig[J]. The Ocean Engineering, 2021, 39(3): 148-155. (in Chinese))

综述 REVIEW

余波, 喻泽成, 范志宏, 等. 海洋混凝土结构环境作用等级与耐久性设计参数的中外规范对比[J]. 海洋工程, 2021, 39(3): 156-166. (YU Bo, YU Zecheng, FAN Zhihong, et al. Comparison of environmental action classes and durability design parameters of marine concrete structures between Chinese and Foreign Codes[J]. The Ocean Engineering, 2021, 39(3): 156-166. (in Chinese))

《海洋工程》第四届理事会..... (167)

第 39 卷, 第 4 期, 2021 年 7 月 Vol. 39, No.4, Jul., 2021

- 刘利琴, 陈益群, 沈文君, 等. 在建导管架平台圆管风致涡激振动及减振研究[J]. 海洋工程, 2021, 39(4): 1-8. (LIU Liqin, CHEN Yiqun, SHEN Wenjun, et al. The wind-vortex-induced vibration and vibration reduction analysis of pipe for jacket platform under construction[J]. The Ocean Engineering, 2021, 39(4): 1-8. (in Chinese))
- 郭嘉宁, 吕海宁, 谢文会. 新型干树半潜式海洋平台垂荡运动性能研究[J]. 海洋工程, 2021, 39(4): 9-19. (GUO Jianing, LV Haining, XIE Wenhui. Study on heave motion performance of a new dry tree semi-submersible production platform[J]. The Ocean Engineering, 2021, 39(4): 9-19. (in Chinese))
- 李业成, 宋扬, 李新超, 等. 畸形波作用下半潜式平台波浪爬升与气隙响应特性[J]. 海洋工程, 2021, 39(4): 20-28. (LI Yecheng, SONG Yang, LI Xinchao, et al. Wave run-up and air-gap response characteristics of semi-submersible platform under action of rogue waves[J]. The Ocean Engineering, 2021, 39(4): 20-28. (in Chinese))
- 魏强强, 李欣, 李新超, 等. 基于 EMD-LSTM 模型半潜平台运动极短期预报[J]. 海洋工程, 2021, 39(4): 29-37. (WEI Qiangqiang, LI Xin, LI Xinchao, et al. Very short term prediction of semi-submersible platform motion based on EMD-LSTM[J]. The Ocean Engineering, 2021, 39(4): 29-37. (in Chinese))
- 金瑞佳, 张崇伟, 柳叶, 等. 顺应式海洋平台慢漂运动物理模型试验研究[J]. 海洋工程, 2021, 39(4): 38-45. (JIN Ruijia, ZHANG Chongwei, LIU Ye, et al. Physical model investigation on the slow drift motion of compliant mooring floating structure[J]. The Ocean Engineering, 2021, 39(4): 38-45. (in Chinese))
- 郭晨伟, 高洋洋, 国振, 等. 新型激光雷达浮标运动响应特性数值研究[J]. 海洋工程, 2021, 39(4): 46-61. (GUO Chenwei, GAO Yangyang, GUO Zhen, et al. Numerical investigation on the dynamic response of a novel FLiDAR buoy[J]. The Ocean Engineering, 2021, 39(4): 46-61. (in Chinese))
- 詹开宇, 曹留帅, 万德成. 基于黏聚单元法计算分析海洋平台锥形立柱冰载荷[J]. 海洋工程, 2021, 39(4): 62-69. (ZHAN Kaiyu, CAO Liushuai, WAN Decheng. Cohesive element method for ice load on conical structures[J]. The Ocean Engineering, 2021, 39(4): 62-69. (in Chinese))
- 纪巧玲, 刘庆凯, 徐成浩. 孤立波与升沉水平板相互作用数值模拟研究[J]. 海洋工程, 2021, 39(4): 70-78. (JI Qiaoling, LIU Qingkai, XU Chenghao. Numerical investigation of interaction between solitary waves and a submerged heave plate[J]. The Ocean Engineering, 2021, 39(4): 70-78. (in Chinese))
- 赵沛泓, 孙大鹏, 吴浩. 消浪室宽度对可渗明基床开孔沉箱消浪性能影响研究[J]. 海洋工程, 2021, 39(4): 79-85. (ZHAO Peihong, SUN Dapeng, WU Hao. Study on the effect of the wave-absorbing chamber width on the wave attenuation performance of perforated caisson sitting on the rubble-mound foundation[J]. The Ocean Engineering, 2021, 39(4): 79-85. (in Chinese))
- 肖理, 房克照, 孙家文, 等. 孤立波对礁坪上直墙冲击试验和 RANS 数值模拟[J]. 海洋工程, 2021, 39(4): 86-95. (XIAO li, FANG Kezhao, SUN Jiawen, et al. Experiment and RANS simulation of the impact of solitary wave on a straight wall mounted on reef flat[J]. The Ocean Engineering, 2021, 39(4): 86-95. (in Chinese))
- 刘林平, 刘维杰, 孙志林. 珊瑚岛礁孤立波爬坡的平面二维数值模拟研究[J]. 海洋工程, 2021, 39(4): 96-103. (LIU Linping, LIU Weijie, SUN Zhilin. 2DH numerical study of solitary wave runup around a reef-lined island[J]. The Ocean Engineering, 2021, 39(4): 96-103. (in Chinese))
- 黎亚舟, 王衍, 陈涛, 等. 风、浪荷载作用下海上风机单桩结构灌浆连接段疲劳性能评价[J]. 海洋工程, 2021, 39(4): 104-113. (LI Yazhou, WANG Xian, CHEN Tao, et al. Fatigue evaluations of grouted connections in monopile structures for offshore wind turbines under wind and wave loadings[J]. The Ocean Engineering, 2021, 39(4): 104-113. (in Chinese))

短文 NOTES

- 关盛杰, 孔德森, 巩越, 等. 海底防沉板—桩复合基础承载特性数值分析[J]. 海洋工程, 2021, 39(4): 114-123. (GUAN Shengjie, KONG Desen, GONG Yue, et al. Numerical analysis of the bearing capacity characteristics of subsea mudmat-pile composite foundations[J]. The Ocean Engineering, 2021, 39(4): 114-123. (in Chinese))
- 张洲, 夏冉, 郑利军, 等. 基于多阶段贝叶斯网络法的脐带缆全寿命周期可靠性分析[J]. 海洋工程, 2021, 39(4): 124-133.

- (ZHANG Zhou, XIA Ran, ZHENG Lijun, et al. Reliability analysis of umbilical in full lifecycle based on phase mission system Bayesian network method[J]. The Ocean Engineering, 2021, 39(4): 124-133. (in Chinese))
- 赵宇蒙, 温鸿杰, 任冰, 等. 低雷诺数下圆柱强迫振动特性光滑粒子流体动力学模拟[J]. 海洋工程, 2021, 39(4): 134-143. (ZHAO Yumeng, WEN Hongjie, REN Bing, et al. SPH simulation of flow past an oscillating cylinder at low Reynolds number[J]. The Ocean Engineering, 2021, 39(4): 134-143. (in Chinese))
- 李松喆. 人工岛对沙质海岸动力泥沙环境及岸滩冲淤演变的影响研究[J]. 海洋工程, 2021, 39(4): 144-153. (LI Songzhe. Study on the influence of artificial island on dynamic sediment environment and beach erosion and deposition evolution of sandy coast [J]. The Ocean Engineering, 2021, 39(4): 144-153. (in Chinese))

综述 REVIEW

- 陈严飞, 刘昊, 孙伟栋, 等. 柔性管道骨架层压溃失效机理和安全评价方法研究进展[J]. 海洋工程, 2021, 39(4): 154-162. (CHEN Yanfei, LIU Hao, SUN Weidong, et al. A review on collapse failure mechanism and safety evaluation of flexible pipes carcass [J]. The Ocean Engineering, 2021, 39(4): 154-162. (in Chinese))
- 《海洋工程》第四届理事会..... (163)

第 39 卷, 第 5 期, 2021 年 9 月 Vol. 39, No.5, Sep., 2021

- 蒋昌波, 熊玉章, 屈科, 等. 非淹没刚性植物对海啸作用下海堤水动力特性影响数值模拟研究[J]. 海洋工程, 2021, 39(5): 1-15. (JIANG Changbo, XIONG Yuzhang, QU Ke, et al. Numerical investigation on effects of emergent rigid vegetation patch on hydrodynamic characteristics of seawall under tsunami wave[J]. The Ocean Engineering, 2021, 39(5): 1-15. (in Chinese))
- 刘利琴, 陈迪郁, 沈文君, 等. 基于非定常面元法的海上浮式风机气动性能研究[J]. 海洋工程, 2021, 39(5): 16-27. (LIU Liqin, CHEN Diyu, SHEN Wenjun, et al. Study on aerodynamic characteristics of floating wind turbines with unsteady panel method [J]. The Ocean Engineering, 2021, 39(5): 16-27. (in Chinese))
- 宫浩男, 谢波涛, 王俊荣, 等. 基于环境包络线法的深水浮式平台极值响应长期预报[J]. 海洋工程, 2021, 39(5): 28-38. (GONG Haonan, XIE Botao, WANG Junrong, et al. Long-term prediction of extreme response of deepwater floating platform based on environmental contour method[J]. The Ocean Engineering, 2021, 39(5): 28-38. (in Chinese))
- 吕超凡, 赵西增, 殷铭简. 波浪作用下涵洞式直立堤水体交换特性研究[J]. 海洋工程, 2021, 39(5): 39-49. (LYU Chaofan, ZHAO Xizeng, YIN Mingjian. Study on water exchange characteristics of vertical wall breakwater with culvert under wave action[J]. The Ocean Engineering, 2021, 39(5): 38-49. (in Chinese))
- 纪巧玲, 徐成浩, 刘庆凯. 集成波能转换功能的方箱—挡浪板式浮式防波堤水动力特性研究[J]. 海洋工程, 2021, 39(5): 50-58. (JI Qiaoling, XU Chenghao, LIU Qingkai. A study on hydrodynamic characteristics of a box-wave board type floating breakwater-wave energy converter integrated system[J]. The Ocean Engineering, 2021, 39(5): 50-58. (in Chinese))
- 于悦凯, 宋育新, 周道成, 等. 新模块化单桩缓冲系泊浮式集成结构系统研究[J]. 海洋工程, 2021, 39(5): 59-65. (YU Yuekai, SONG Yuxin, ZHOU Daocheng, et al. Study on a novel modular integrated floating structure system with monopile dolphin fender moorings[J]. The Ocean Engineering, 2021, 39(5): 59-65. (in Chinese))
- 任翔, 邓志杰, 程鹏达. 带纵摇前墙的新型振荡水柱式波浪能装置转换效率以及水动力性能数值研究[J]. 海洋工程, 2021, 39(5): 66-77. (REN Xiang, DENG Zhengzhi, CHENG Pengda. Numerical simulation on the extraction efficiency and hydrodynamic performance of an OWC device with a pitching front-wall[J]. The Ocean Engineering, 2021, 39(5): 66-77. (in Chinese))
- 杨鑫, 刘臻, 张晓霞. 用于振荡水柱波能系统的径流式空气透平数值模拟研究[J]. 海洋工程, 2021, 39(5): 78-85. (YANG Xin, LIU Zhen, ZHANG Xiaoxia. Numerical study on a radial air turbine for the oscillating water column wave energy system[J]. The Ocean Engineering, 2021, 39(5): 78-85. (in Chinese))
- 赫岩莉, 毛鸿飞, 吴光林, 等. 深水极端波浪非线性几何特征试验分析[J]. 海洋工程, 2021, 39(5): 86-94. (HE Yanli, MAO Hongfei, WU Guanglin, et al. Experimental analysis of the nonlinear geometric characteristics for extreme wave in deep water[J]. The Ocean Engineering, 2021, 39(5): 86-94. (in Chinese))

- 刘清君, 王登婷, 孙天霆, 等. 珊瑚礁地形上破碎波高试验研究[J]. 海洋工程, 2021, 39(5): 95-100. (LIU Qingjun, WANG Dengting, SUN Tianting, et al. Experimental study of breaker height on reef topography[J]. The Ocean Engineering, 2021, 39(5): 95-100. (in Chinese))
- 张建宏, 卢文月, 李欣, 等. 基于深度学习的随船波浪测量技术研究[J]. 海洋工程, 2021, 39(5): 101-110. (ZHANG Jianhong, LU Wenyue, LI Xin, et al. Research on wave surveying technology based on deep learning[J]. The Ocean Engineering, 2021, 39(5): 101-110. (in Chinese))
- 魏凯, 姜沫臣, 洪杰. 破碎波作用下圆端形桥墩受力特性数值模拟[J]. 海洋工程, 2021, 39(5): 111-118. (WEI Kai, JIANG Mochen, HONG Jie. Numerical simulation of mechanical characteristics of round ended pier impacted by breaking wave[J]. The Ocean Engineering, 2021, 39(5): 111-118. (in Chinese))
- 何建勇, 高洋洋, 王立忠, 等. 悬链线管体三维流场数值模拟研究[J]. 海洋工程, 2021, 39(5): 119-134. (HE Jianyong, GAO Yangyang, WANG Lizhong, et al. Three-dimensional numerical simulation of flow past a catenary riser[J]. The Ocean Engineering, 2021, 39(5): 119-134. (in Chinese))
- 罗放, 张世联. 薄片炸药作用于波纹板防爆墙时的流场压力分析[J]. 海洋工程, 2021, 39(5): 135-143. (LUO Fang, ZHANG Shilian. Flow field pressure analysis of thin explosive acting on corrugated blast wall[J]. The Ocean Engineering, 2021, 39(5): 135-143. (in Chinese))
- 于曰旻. 双浮板液舱晃荡特性的数值研究[J]. 海洋工程, 2021, 39(5): 144-150. (YU Yumin. Numerical investigation on sloshing characteristics with dual floating plates in a rectangular tank[J]. The Ocean Engineering, 2021, 39(5): 144-150. (in Chinese))
- 毛竞航, 吕海宁, 杨建民, 等. 基于模糊 PID 的深海采矿机器人路径跟踪控制[J]. 海洋工程, 2021, 39(5): 151-161. (MAO Jinghang, LYU Haining, YANG Jianmin, et al. Path following control of deep sea mining vehicle based on fuzzy PID[J]. The Ocean Engineering, 2021, 39(5): 151-161. (in Chinese))
- 马烨贝, 戴志军, 庞文鸿, 等. 崇明岛南侧盐沼潮滩消能状态研究[J]. 海洋工程, 2021, 39(5): 162-170. (MA Yebei, DAI Zhijun, PANG Wenhong, et al. Research on the wave energy dissipation over salt marsh tidal flat in the south of Chongming Island[J]. The Ocean Engineering, 2021, 39(5): 162-170. (in Chinese))
- 《海洋工程》第四届理事会..... (171)

第 39 卷, 第 6 期, 2021 年 11 月 Vol. 39, No.6, Nov., 2021

- 韩玉芳, 窦希萍. 台风作用下长江口北槽挟沙能力研究[J]. 海洋工程, 2021, 39(6): 1-9. (HAN Yufang, DOU Xiping. Study on sediment carrying capacity under typhoon in North Passage of Yangtze Estuary[J]. The Ocean Engineering, 2021, 39(6): 1-9. (in Chinese))
- 张会良, 肖龙飞, 徐秀龙. 深水圆筒型钻井平台张紧式系泊系统设计[J]. 海洋工程, 2021, 39(6): 10-18. (ZHANG Huiliang, XIAO Longfei, XU Xiulong. Design of taut mooring system for a deep water cylindrical drilling platform[J]. The Ocean Engineering, 2021, 39(6): 10-18. (in Chinese))
- 方辉, 靳汉文, 孟祥剑, 等. 多稳态夹芯金属压杆的滞后阻尼增强机制与被动减振性能[J]. 海洋工程, 2021, 39(6): 19-27. (FANG Hui, JIN Hanwen, MENG Xiangjian, et al. Hysteretic damping enhancement mechanism and passive vibration reduction performance of multi-steady-state sandwich metal pressure bar[J]. The Ocean Engineering, 2021, 39(6): 19-27. (in Chinese))
- 龙月, 张琪, 叶冠林. 海洋黏土超固结性和结构性对沉垫基础离底吸附力的影响[J]. 海洋工程, 2021, 39(6): 28-38. (LONG Yue, ZHANG Qi, YE Guanlin. Influence of over-consolidated and structural marine clay on off-bottom suction force of mat foundation [J]. The Ocean Engineering, 2021, 39(6): 28-38. (in Chinese))
- 代加林, 张炜, 罗仑博, 等. 软黏土中桶形基础竖向循环加载超重力离心模型试验研究[J]. 海洋工程, 2021, 39(6): 39-46. (DAI Jialin, ZHANG Wei, LUO Lunbo, et al. Study on suction caisson foundations in soft clay under vertical cyclic loading based on centrifuge tests[J]. The Ocean Engineering, 2021, 39(6): 39-46. (in Chinese))

- 周超,寇海磊,闫正余,等.砂土地基中箱筒型防波堤基础稳定性试验研究与机理分析[J].海洋工程,2021,39(6):47-56. (ZHOU Chao, KOU Hailei, YAN Zhengyu, et al. Experimental study and mechanism analysis on stability of box-and-barrel breakwater foundation in sandy soil[J]. The Ocean Engineering, 2021, 39(6): 47-56. (in Chinese))
- 韦政鹏,朱良生.强非线性规则波在防波堤上爬高公式研究[J].海洋工程,2021,39(6):57-66. (WEI Zhengpeng, ZHU Liangsheng. Research on the formula of strong nonlinear regular wave climbing on breakwater[J]. The Ocean Engineering, 2021, 39(6): 57-66. (in Chinese))
- 张光明,储备,张尧,等.筏式海水养殖设施在波浪作用下的水弹性分析[J].海洋工程,2021,39(6):67-77. (ZHANG Guangming, CHU Bei, ZHANG Yao, et al. Hydro-elastic analyses of a floating raft for marine aquaculture in waves[J]. The Ocean Engineering, 2021, 39(6): 67-77. (in Chinese))
- 吕磊,陈作钢,代焱.深远海养殖工船最小推进功率研究[J].海洋工程,2021,39(6):78-89. (LYU Lei, CHEN Zuogang, DAI Yi. Research on the minimum propulsion power of the deep-sea aquaculture ship[J]. The Ocean Engineering, 2021, 39(6): 78-89. (in Chinese))
- 刘剑涛,师玉敏,王俊勤,等.南海北部深水区表层沉积物工程性质的统计特征分析[J].海洋工程,2021,39(6):90-98. (LIU Jiantao, SHI Yumin, WANG Junqin, et al. Statistical characteristics analyses on engineering properties of surface sediments in the deep-water of northern South China Sea[J]. The Ocean Engineering, 2021, 39(6): 90-98. (in Chinese))
- 吴宗秀,吴超.基于径向基神经网络的水下自主航行器寻源算法研究[J].海洋工程,2021,39(6):99-110. (WU Zongxiu, WU Chao. Autonomous underwater vehicle source-seeking algorithm based on radial basis function neural network[J]. The Ocean Engineering, 2021, 39(6): 99-110. (in Chinese))
- 方翔,殷振东,陈昊翔,等.海洋环境钢筋混凝土结构耐久性监测和检测对比研究[J].海洋工程,2021,39(6):111-118. (FANG Xiang, YIN Zhendong, CHEN Haoxiang, et al. Comparison study on durability monitoring and inspection for reinforced concrete structure in marine environment[J]. The Ocean Engineering, 2021, 39(6): 111-118. (in Chinese))

短文 NOTES

- 缴健,杨啸宇,丁磊,等.长江口南支河床容积对来沙量减少的响应规律研究[J].海洋工程,2021,39(6):119-125. (JIAO Jian, YANG Xiaoyu, DING Lei, et al. Study on the response law of the riverbed volume of the South Branch of the Yangtze Estuary to the change of discharge and sediment load[J]. The Ocean Engineering, 2021, 39(6): 119-125. (in Chinese))
- 郑杰瑜,王艺陶,刘俊杰,等.焊接节点低温疲劳试验与低温主 S-N 曲线的构建[J].海洋工程,2021,39(6):126-135. (ZHENG Jieyu, WANG Yitao, LIU Junjie, et al. Fatigue test of welded joints and construction of the master S-N curve for low temperature[J]. The Ocean Engineering, 2021, 39(6): 126-135. (in Chinese))
- 朱春丽,李书兆,沈晓鹏,等.撞击载荷作用下水下沉箱防护设施损伤分析[J].海洋工程,2021,39(6):136-142. (ZHU Chunli, LI Shuzhao, SHEN Xiaopeng, et al. Damage analysis on impact of caisson structure for subsea protection[J]. The Ocean Engineering, 2021, 39(6): 136-142. (in Chinese))
- 陈再玉,王豪,肖易萍,等.水下多路液压快速接头的夹头结构分析与优化[J].海洋工程,2021,39(6):143-151. (CHEN Zaiyu, WANG Hao, XIAO Yiping, et al. Analysis and optimization of collet structure of underwater multi-channel hydraulic quick coupling[J]. The Ocean Engineering, 2021, 39(6): 143-151. (in Chinese))

综述 REVIEW

- 朱君,蔡锋,刘建辉,等.海滩养护修复过程中拦沙堤的应用[J].海洋工程,2021,39(6):152-165. (ZHU Jun, CAI Feng, LIU Jianhui, et al. Application of groin system in beach nourishment[J]. The Ocean Engineering, 2021, 39(6): 152-165. (in Chinese))
- 致谢《海洋工程》2021 年审稿专家 (166)
- 《海洋工程》第四届理事会 (167)
- 《海洋工程》2021 年总目录,第 39 卷,第 1~6 期 (169)