

刘东艳的个人信息

基本信息

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个人简介

刘东艳：1994年本科毕业于新疆大学生物系，1997年获中国海洋大学生命学院海洋生物硕士学位，同年留校任教，并于2004年获中国海洋大学海洋化学博士学位。2004-2008年于澳大利亚Wollongong大学地球环境学院研修河口藻类生态学，2008以“百人计划”研究员聘任于中国科学院烟台海岸带研究所。

主要从事海洋藻类生态学研究，探索全球气候变化和人类活动压力下，海洋藻类植物的响应特征与演替规律、以及对海洋初级生产力和上层食物链的影响。工作期间参与并主持过多项国家自然科学基金项目、科学院创新项目以及山东省攻关项目等，与澳大利亚、法国和德国主要海洋机构建立了国际合作研究。目前共计发表论文100多篇，其中SCI文章近40篇。近5年内，相关论文被引用共600多次，hi-index=14。近5年主要代表性论著如下：

1. Di B., *Liu D., Wang Y., Dong Z., Li X., Shi Y., 2013. Diatom and silicoflagellate assemblages in modern surface sediments associated with human activity: A case study in Sishili Bay, China. *Ecological indicator* 24: 23 - 30.
2. Liu D., Jiang J., Wang Y., Zhang Y., Di B., 2012. Large scale northward expansion of warm water species *Skeletonema tropicum* (Bacillariophyceae) in China seas. *Chinese Journal of Limnology and Oceanography* 30(4): 519-527.
3. Dong, Z., *Liu, D., Wang, Y., Di, B., Song, X., Shi, Y., 2012. A report on moon jellyfish *Aurelia aurita* bloom in Sishili bay, northern Yellow Sea of China in 2009. *Aquatic Ecosystem Health & Management* 15: 161-167.
4. Wang Y., *Liu D., Dong Z., Di B., Shen X., 2012. Temporal and spatial distributions of nutrients under the influence of human activities in Sishili Bay, northern Yellow Sea of China. *Marine Pollution Bulletin* 64: 2708-2719.
5. Liu D., Shi Y., Di B., Sun Q., Wang Y., Dong Z., Shao H., 2012. The impact of different pollution sources on modern dinoflagellate cysts in the Sishili Bay, Yellow Sea, China. *Marine Micropaleontology* 84-85: 1-13. DOI 10.1016/j.marmicro.2011.11.001
6. Zhang W., Chen L., Liu D., 2012. Characterization of a marine-isolated mercury-resistant *Pseudomonas putida* strain SP1 and its potential application in marine mercury reduction. *Applied Microbiology Biotechnology* 93:1305 - 1314. DOI 10.1007/s00253-011-3454-5.
7. Zhang G., *Liu D., Wu H., Chen L., Han Q., 2012. Heavy metal contamination in the marine organisms in Yantai coast, northern Yellow Sea of China. *Ecotoxicology* 21(6): 1726-1733. DOI 10.1007/s10646-012-0958-4
8. Liu D., Morrison R.J., West R., 2012. Phytoplankton assemblages of two intermittently open and closed coastal lakes in SE Australia. *Estuarine, Coastal and Shelf Science*.

9. Sun Q., Liu D., Liu T., Di B., Wu F., 2012. Temporal and spatial distribution of trace metals in sediments from the northern Yellow Sea coast, China: implications for regional anthropogenic processes. *Environmental Earth Sciences* 66 (3): 697-705. DOI 10.1007/s12665-011-1277-4.
10. Song X., Morrison R.J., Feng Z., Liu D., Harrison J.J., Yu Z., 2011. Matrix-bound phosphine in sediments from Lake Illawarra, New South Wales, Australia. *Marine Pollution Bulletin* 62: 1744-1750.
11. Xing Q., Zheng X., Shi P., Hao J., Yu D., Liang S., Liu D., Zhang Y., 2011. Monitoring “Green Tide” in the Yellow Sea and the East China Sea Using Multi-Temporal and Multi-Source Remote Sensing Images. *Spectroscopy and Spectral Analysis* 31 (06): 1644-1647
12. Keesing J.K., Liu D., Fearn P., Garcia R., 2011. Inter- and intra-annual patterns of *Ulva prolifera* green tides in the Yellow Sea during 2007 - 2009, their origin and relationship to the expansion of coastal seaweed aquaculture in China. *Marine Pollution Bulletin* 62: 1169-1182.
13. Liu, D., Keesing, J.K., Dong, Z., Zhen, Y., Di, B., Shi, Y., Fears, P., Shi, P., 2010. Recurrence of the world’ s largest green-tide in 2009 in Yellow Sea, China: *Porphyra yezoensis* aquaculture rafts confirmed as nursery for macroalgal blooms. *Marine Pollution Bulletin* 60: 1423-1432.
14. Dong, Z., Liu, D.*, Keesing, J.K., 2010. Jellyfish blooms in China: dominant species, causes and consequences. *Marine Pollution Bulletin* 60: 954-963.
15. Liu, D., Keesing, J., Xing, Q., Shi, P., 2009. World’ s largest macroalgal bloom caused by expansion of seaweed aquaculture in China. *Marine Pollution Bulletin* 58: 888-895.
16. Liu D., Sun J., Zhang J., Liu G., 2008. Response of the Diatom Flora in Jiaozhou Bay, China to environmental changes during the last century. *Marine Micropaleontology* 66: 279-290.
17. Liu D., Jie Bai, Shuqun Song et al., 2007. The impact of sewage discharge on the macroalgae community in the Yellow Sea coastal area around Qingdao, China. *Water, Soil and Air Pollution* 7(6): 683-692.
18. Liu Z., Wei H., Bai J., Zhang J., Liu D. , Liu S.M., 2007. Nutrients Seasonal Variation and Budget in Jiaozhou Bay, China: A 3-dimensional Physical-biological Coupled Model Study. *Water, Soil and Air Pollution* 7(6): 607-623.
19. Bai J., Li K.R., Liu D., Zhang J., Zhang H.F., Liu G.S., Li J.L., Li Z.Y., Gao D.M., 2007. Seasonal Variation of Inorganic Nutrient Uptake by Heterotrophic Bacterioplankton in Jiaozhou Bay, North China. *Water, Soil and Air Pollution* 7(6): 673-681.
20. Liu D., Sun J., Zou J. Z., Zhang J., 2006. Phytoplankton Succession during a Red Tide of *Skeletonema costatum* in Jiaozhou Bay of China. *Marine Pollution Bulletin* 50: 91-94.

研究领域

- 近岸水域藻类植物群落结构演变特征
- 人类活动与气候变化在藻类演替中的不同角色