

- Liu X., Zhang X., Chen S., Pu X., Qu D., and Xu Z., 2025, Modeling assessment of carrying capacities of kelp and bivalve polyculture bay based on ecological model, *Ecological Modelling*, 510: 111343.
<https://doi.org/10.1016/j.ecolmodel.2025.111343>
- Mazon Suastegui J., Arcos Ortega G.F., Lodeiros C., Tovar Ramirez D., and Lopez Carvallo J.A., 2022, Stocking density evaluation on Catarina scallop (*Argopecten ventricosus*) larvae to improve hatchery production, *Aquaculture International*, 30(4): 1741-1754.
<https://doi.org/10.1007/s10499-022-00873-z>
- Murphy A.E., Kolkmeier R., Song B., Anderson I., and Bowen J., 2019, Bioreactivity and microbiome of biodeposits from filter-feeding bivalves, *Microbial Ecology*, 77(2): 343-357.
<https://doi.org/10.1007/s00248-018-01312-4>
- Park K.J., Yoon S., Park Y., and Song H.I., 2012, Effect of stocking density on growth and survival rate of the scallop *Chlamys farreri* (Jones and Preston, 1904) cultured in hanging culture on the west coast of Korea, *Korean Journal of Malacology*, 28(1): 1-6.
<https://doi.org/10.9710/kjm.2012.28.1.001>
- Song D., Peng J., Zhao X., Wu H., Zheng G., Zhao Y., Jiang Y., Sheng X., Guo M., and Tan Z., 2023, Quality and safety profiles of *Chlamys farreri* cultured in the Shandong peninsula: analysis of nutritional content, flavor, and hazards, *Journal of Food Composition and Analysis*, 118: 105193.
<https://doi.org/10.1016/j.jfca.2023.105193>
- Suhnel S., Squella F., Da Silva F.C., and De Melo C.D., 2024, Water exchange rate and stocking density on the larviculture of the scallop *Nodipecten nodosus* in recirculation aquaculture system, *Aquaculture*, 589: 740922.
<https://doi.org/10.1016/j.aquaculture.2024.740922>
- Tomasetti S.J., Hallinan B.D., Tettelbach S.T., Volkenborn N., Doherty O.W., Allam B., and Gobler C., 2023, Warming and hypoxia reduce the performance and survival of northern bay scallops (*Argopecten irradians irradians*) amid a fishery collapse, *Global Change Biology*, 29(8): 2092-2107.
<https://doi.org/10.1111/gcb.16575>
- Wang X., Wang L., Zhang H., Ji Q., Song L., Qiu L., Zhou Z., Wang M., and Wang L., 2012, Immune response and energy metabolism of *Chlamys farreri* under *Vibrio anguillarum* challenge and high temperature exposure, *Fish and Shellfish Immunology*, 33(4): 1016-1026.
<https://doi.org/10.1016/j.fsi.2012.08.026>
- Wang X., Yang Z., Jiang L., Liu Z., Dong X., Sui M., Yin C., Shen X., Zhao A., Hu J., Bao Z., Hu L.P., and Huang X., 2023, Assessment of germplasm resource and detection of genomic signature under artificial selection of Zhikong scallop (*Chlamys farreri*), *Aquaculture*, 574: 739730.
<https://doi.org/10.1016/j.aquaculture.2023.739730>
- Wen X., Ong M., Yin G., Ludvigsen T., and Oppedal F., 2025, Influence of ocean currents and stocking density on the dissolved oxygen distribution inside gravity-type fish cages, *OMAE 2025 Volume 2: Subsea Technology; Ocean Space Utilization*, 147(6): 061301.
<https://doi.org/10.1115/omae2025-156437>
- Yuan S., Zhu W., Neori A., Zhang Y., Li M., Li J., and Chang Z., 2022, Benthic suspension-feeding clams affect sedimentary microbial communities and nitrogen cycling in seawater pond IMTA, *Aquaculture*, 563: 738907.
<https://doi.org/10.1016/j.aquaculture.2022.738907>
- Zhang J.H., Fang J., Wang W., Xue S., and Jiang Z., 2011, Study on the potential of suspended longline mariculture of the scallop *Chlamys farreri* in offshore areas, *Aquaculture Research*, 42(11): 1664-1675.
<https://doi.org/10.1111/j.1365-2109.2010.02760.x>
- Zhang Y., Wang H., Liu S., Kong X., Chang L., Zhao L., Bao Z., and Hu X., 2024, Multi-tissue metabolomic profiling reveals the crucial metabolites and pathways associated with scallop growth, *BMC Genomics*, 25(1): 1091.
<https://doi.org/10.1186/s12864-024-11016-4>
- Zhou Y., Yang H., Zhang T., Liu S., Zhang S., Liu Q., Xiang J., and Zhang F., 2006, Influence of filtering and biodeposition by the cultured scallop *Chlamys farreri* on benthic-pelagic coupling in a eutrophic bay in China, *Marine Ecology Progress Series*, 317: 127-141.
<https://doi.org/10.3354/meps317127>

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