

PUBLICATIONS (2021-2026) (* corresponding author)

1. Chang, C. H., Li, D. L., Chen, L. S., & Shao, Y. T.* (2026). Use of AI-mediated Image Analysis to Investigate the Influence of Environmental Factors and Recreational Scuba Diving on Fish Activity Patterns in a Marine Protected Area. *Regional Studies in Marine Science*, 105049.
2. Huang, C. W., Chang, C. H., Liu, T. Y., Borg B* & Shao, Y. T.* (2026) Interaction between photoperiod and gonadal feedback on *cck* expressions in three-spined stickleback, *Gasterosteus aculeatus*. *Zoological Studies*, 65, 11.
3. Shao, K. T.*, Chang, C. H., Chen, C. Y., Ho, L. T., Shao, Y. T.*, Chiang, H. C., ... & Chang, C. Y. (2026) Spatio-temporal Dynamics of Fish Assemblages at an Offshore Wind Farm and a Comparison with Mature Artificial Reefs. *Frontiers in Marine Science*, 13, 1733177.
4. Amelia, T. S. M., Kee, S. H., Senathirajah, K., Shao, Y. T., Ridzuan, N. A. M., Azmeerizal, A. S., ... & Bhubalan, K. (2025). Solution or Pollution? A paradigm shifts in understanding the fate and threats of biodegradable plastics in the marine environment. *Journal of Hazardous Materials Advances*, 100902.
5. Consigna, M. J. S., Tseng, L. C., Chou, C., Huang, C. W., Shao, Y. T.*, & Hwang, J. S.* (2025). Pathological and biochemical effects of polyethylene microplastic exposure in hydrothermal vent crab, *Xenograpsus testudinatus*. *Marine Pollution Bulletin*, 212, 117546.
6. Chen, I. S., Shao, Y. T., Chou, L. C., Chen, K. S., & Chang, C. W. (2024). Two new species of *Luciogobius* Gill (Teleostei: Gobiidae) from the Matsu Islands in Taiwan. *Zootaxa*, 5550(1), 189-199.
7. Chou, P. H., Hu, M. Y., Guh, Y. J., Wu, G. C., Yang, S. H., Tandon, K., Shao, Y. T., ... & Tseng, Y. C. (2023). Cellular mechanisms underlying extraordinary sulfide tolerance in a crustacean holobiont from hydrothermal vents. *Proceedings of the Royal Society B*, 290 (1990), 20221973.
8. Chan, H. Y., Chang, Y. W., Chen, L. S., Nihida, K. & Shao Y. T.* (2022) The effect of environmental factors on spatial-temporal variation of Heterobranch Sea Slug community in northern Taiwan. *Frontiers in Marine Science*, 9, 1042961
9. Li, L. C., Roufidou, C., Borg, B. & Shao, Y. T.* (2022). Changes in red color sensitivity over the spawning cycle of female three-spined stickleback (*Gasterosteus aculeatus*). *Zoological Studies*, 61, 17..
10. Hayasaka, O., Chang, H. Y., Li, L. C., Tseng, Y. C. & Shao, Y. T.* (2022). Nocturnal eyes in slipper lobsters (Decapoda Scyllaridae): physiological and ecological implications of habitat depths for visual traits. *Frontiers in Marine Science*, 9, 807347.
11. Guh, Y. J., Tseng, Y. C., & Shao, Y. T.* (2021). To cope with a changing aquatic soundscape: Neuroendocrine and antioxidant responses to chronic noise stress in fish. *General and comparative endocrinology*, 314, 113918.
12. Amelia, T. S. M., Khalik, W. M. A. W. M., Ong, M. C., Shao, Y. T.*, Pan, H. J*, & Bhubalan, K.* (2021). Marine microplastics as vectors of major ocean pollutants and its hazards to the marine ecosystem and humans. *Progress in Earth and Planetary Science*, 8(1), 1-26.

BOOK CHAPTER

1. Lin, T. H., Chen, C. W., Tung, W. C., Wang, C. W., Chuang, T. Y., & **Shao, Y. T.** (2026). Assessing the Prevalence of SCUBA Noise in Reef Ecosystems: Implications for Recreational Diving Impacts. In *The Effects of Noise on Aquatic Life IV* (pp. 1-10). Cham: Springer Nature Switzerland.