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研究領域

- 海洋生物資源評估
- 海洋生物多樣性及保育
- 甲殼類分類及系統演化
- 紅樹林棲地修復

個人簡介

- 現任中山大學海洋永續推動研究中心約聘助理研究員。
臺灣海洋大學環境生物與漁業科學博士，長期致力於海洋生物多樣性、群體遺傳學及紅樹林生態修復研究。
- IUCN SSC 蟹專家小組委員會現任委員，近年重點關注三棘蟹 (*Tachypleus tridentatus*) 資源評估及棲地保護領域，另一方面也積極研究紅樹林棲地修復成效。
- 近五年發表 SCI 論文 20 餘篇，學術成果涵蓋三棘蟹族群動態學、紅樹林碳匯潛力評估、底棲生物群落動態及蟹類演化基因組學。

研究發表

SCI收錄

(1) Shih YJ, Jin YH, Huang SC, Huang YT, Lee CF, Hsieh HJ, Wang JY, Wang JQ, Chang Yi *. 2025. Population Size and Habitat Use by *Tachypleus tridentatus* in the Taiwan Straits. *Ecology and Evolution* 15, e72332. (第一作者)

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(7)[Liao XH, Shih YJ, Jia CG, Gao TX*. 2024. Complete mitochondrial genome of Four Peristediidae Fish Species: genome characterization and phylogenetic Analysis. *Accept.* (JCR Q2, IF: 3.5)

(8) Chu TS, Li DY*, Shih YJ, Guo YQ, Liu K, Ji FF, Li J, Yin YZ, Chen RH. 2024. Coupling use of stable isotopes and functional genes as indicators for the impacts of artificial restoration on the carbon storage of a coastal wetland invaded by *Spartina alterniflora*, southeastern China. *Frontiers in Marine Science* 11, 1364412. (JCR Q1, IF: 3.7)

- (9) Lin XY, Shih YJ, Zhang XJ, Cai YS, Zhou XW, Chen JS*. 2024. Perspective on intestinal microbiota temporal changes of herbal additives treated shrimp in a natural aquaculture setting. *Frontiers in Marine Science* 11, 1332585. (JCR Q1, IF: 3.7)
- (10) Gao TX, Shi YJ, Xiao JG. 2023. Comparative Mitogenomics Reveals Cryptic Species in *Sillago ingenuua* McKay, 1985 (Perciformes: Sillaginidae). *Genes* 14: 2043.
- (11) Hu MC, Guo YQ*, Shih YJ, Liu K, Li CX, Ji FF, Chu TJ. 2023. Comparison of the Meiofauna and Marine Nematode Communities before and after Removal of *Spartina alterniflora* in the Mangrove Wetland of Quanzhou Bay, Fujian Province. *Water* 15, 3829.
- (12) Wang JQ, Li J, Shih YJ*, Huang LM, Wang XR, Chu TJ. 2023. Sustainability Perspective of Minjiang Estuary Coastal Fisheries Management—Estimation of Fish Richness. *Water* 15: 2648. (通訊作者)
- (13) Zhu HL, Guo YQ, Zhou HC, Shih YJ, Li FL, Lee FWF, Xu SJL, Tam NFY. 2023. A New Species of Free-Living Nematode (Enoplida: Enchelidiidae) from the Mangrove Wetlands of China. *Journal of Marine Science and Engineering*
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- (16) Shih YJ, Mitra S, Ng PKL. 2023. Notes on the type of *Abyssotheres abyssicola* (alcock & anderson, 1899), and a new record of *A. aesticola* komatsu & ohtsuka, 2009, from the south China sea (brachyura, pinnotheridae). *Crustaceana* 96(1): 45-54. (第一作者)
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- (18) Liu JY, Wang YP Wang, Yang J, Shih YJ, Chu TJ. 2022. Revealing the Coral Species Diversity in Xiamen Bay: Spatial Distribution of Genus *Astrogorgia* (Cnidaria, Alcyonacea, Plexauridae) and Newly Recorded Species. *Water* 14(15): 2417.

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- (23) Chu TJ, Shih CH, Lu YM, Shih YJ, Wang JQ, Huang LM. 2021. Incorporating Species-Conditional Co-Occurrence When Selecting Indicator Species to Monitor Restoration after Mangrove Removal from the Siangshan Wetland, Taiwan. *Journal of Marine Science and Engineering* 9: 1044.
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- (25) Shih YJ, Chen JS, Chen YJ, Yang PY, Kuo YJ, Chen TH, Hsu BM. 2021. Impact of heavy precipitation events on pathogen occurrence in estuarine areas of the Puzi River in Taiwan. *PLoS ONE* 16(8): e0256266. (第一作者)