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研究領域：海洋軟體動物生理和生態學、氣候變化對海洋底棲無脊椎動物的影響、海洋污染

Selected recent publications :

1. Po-Wei Su, Gwo-Liang Zhang*, Bonien Chen, Keryea Soong, **Li-Lian Liu*** (2021) Reproduction and early juvenile growth of the giant clams *Tridacna noae* and *Tridacna maxima* in Taiwan. *Zoological Studies* 60:49. doi:10.6620/ZS.2021.60-49.
2. Jing-Ying Wu, Siou-Yan Lin, Shao-Hung Peng, Jia-Jang Hung, Chen-Tung Arthur Chen, and **Li-Lian Liu*** (2021) Isotopic niche differentiation in benthic consumers from shallow-water hydrothermal vents and nearby non-vent rocky reefs off Taiwan. *Progress in Oceanography*, 195:102596.
3. **Liu, Li-Lian**, Chen-Yun Hsieh, Meng-Ying Kuo, Chienhsun Chen, Yen-Hong Shau, Hon-Kit Lui, Chung-Shin Yuan and Chen-Tung Arthur Chen* (2020) Evidence for fossil fuel PM₁ accumulation in marine biota. *Environmental Science & Technology*, 54:4068-4078 (<https://dx.doi.org/10.1021/acs.est.9b06976>)
4. Huang, H.T., D.N. Pao, T.Y. Liao*, **L.L. Liu*** (2020) Low genetic diversity of cultivated spotted hard clam (*Meretrix petechialis*) in Taiwan. *Aquaculture Research*, 51:2962–2972. <https://doi.org/10.1111/are.14634>
5. Kang, D.-R., K.S. Tan*, **L.-L. Liu*** (2018) Egg collar morphology and identity of nine species of Naticidae (Gastropoda) in Taiwan, with an assessment of their phylogenetic relationships. *Journal of Molluscan Studies*, 84:354-378.