

期刊論文：(*: corresponding author; #: co-first author)

2022 年：

1. Budi, Y. P., Lin, L. C., Chung, C. H., Chen, L. L., Jiang, Y. F.* (2022). Three-dimensional investigations of virus-associated structures in the nuclei with white spot syndrome virus (WSSV) infection in red swamp crayfish (*Procambarus clarkii*). *Animals* 12(13), 1730. DOI:10.3390/ani12131730
2. Hsu, J. C. K.#, Huang, H. T.#, Lin, H. J., Chou, H. Y., Huang, P. Y., Prachumwat, A.* and Chen, L. L.* (2022). Applying modified VP53A recombinant protein as an anti-white spot syndrome virus biological agent in *Litopenaeus vannamei* farming. *Viruses* 14(7), 1353. DOI: 10.3390/v14071353
3. Hsu, J. C. K., Hsu, T. K., Kannan, J., Wang, H. C., Tassanakajon, A. and Chen, L. L.* (2022). Diagnostic performance of a rapid test kit for white spot syndrome virus (WSSV). *Aquaculture* 558, 738379. DOI: 10.1016/j.aquaculture.2022.738379

2021 年：

1. Yen, S. C., Mao, J. Y., Lin, H. Y., Huang, H. T., Harroun, S. G., Nain, A., Chang, H. T., Lin, H. Y., Chen, L. L., Huang, C. C.* and Lin, H. J. (2021). Multifunctional carbonized nanogels to treat lethal acute hepatopancreatic necrosis disease. *Journal of Nanobiotechnology* 19(1), 448. DOI: 10.1186/s12951-021-01194-8.
2. Huang, P. Y., Huang, Y. H., Leu, J. H. and Chen, L. L.* (2021). Feasibility study on the use of fly maggots (*Musca domestica*) as carriers to inhibit shrimp white spot syndrome. *Life* 11(8), 818. DOI: 10.3390/life11080818.
3. Lee, P. T., Huang, J., Huang, C. Y., Liu, Z. X., Yeh, H. Y., Huang, H. T., Chen, L. L., Nan, F. H. and Lee, M. C.* (2021). Phycoerythrin from *Colaconema* sp. has immunostimulatory effects on the whiteleg shrimp *Litopenaeus vannamei* and increases resistance to *Vibrio parahaemolyticus* and white spot syndrome virus. *Animals* 11(8), 2371. DOI: 10.3390/ani11082371
4. Ma, C. H.#, Huang, P. Y.#, Chang, Y. C., Pan, Y. J., Azra, M. N., Chen, L. L., and Hsu, T. H.* (2021). Improving survival of juvenile scalloped spiny lobster (*Panulirus homarus*) and crucifix crab (*Charybdis feriatus*) using shelter and live prey. *Animals* 11(2), 370. DOI: 10.3390/ani11020370

2020 年：

1. Huang, P. Y., Hsiao, H. C., Wang, S. W., Lo, S. F., Lu, M. W. and Chen, L. L.* (2020). Screening for the proteins that can interact with grouper nervous necrosis virus capsid protein. *Viruses*, 12(9), 985. DOI: 10.3390/v12090985
2. Huang, H. T., Lin, H. J., Huang, H. J., Huang, C. C., Lin, J. H. Y.* and Chen, L. L.* (2020). Synthesis and evaluation of polyamine carbon quantum dots (CQDs) in *Litopenaeus vannamei* as a therapeutic agent against WSSV. *Scientific Reports* 10, 7343. DOI: 10.1038/s41598-020-64325-5

2017 年：

1. Lee, Y. J. and Chen, L. L.* (2017). WSSV envelope protein VP51B links structural protein complexes and may mediate virus infection. *Journal of Fish Diseases* 40(4), 571-581. DOI: 10.1111/jfd.12538

研討會論文：

1. Wong, Z. W. and Chen, L. L.* (2022). Feasibility analysis of CS60 as a shrimp potential probiotic. 13th Asian Fisheries and Aquaculture Forum (13AFAP), Tainan, Taiwan. May 31-Jun 2.
2. Huang, P. Y., Huang, Y. H., Leu, J. H. and Chen, L. L.* (2021). Feasibility study on the use of fly maggots (*Musca domestica*) as carriers to inhibit shrimp white spot syndrome. 13th Asian Fisheries and Aquaculture Forum (13AFAP), Tainan, Taiwan. May 31-Jun 2.
3. Huang, P. Y., Huang, Y. H., Leu, J. H. and Chen, L. L.* (2021). Feasibility study on the use of fly maggots (*Musca domestica*) as carriers to inhibit shrimp white spot syndrome. The Control of Aquatic Animal Diseases, virtual. Sep 10.
4. Wong, Z. W. and Chen, L. L.* (2021). Feasibility analysis of CS60 as a shrimp potential probiotic. The Control of Aquatic Animal Diseases, virtual. Sep 10.
5. Chen, L. L.* and Huang, P. Y. (2020). Screening for the proteins that can interact with grouper nervous necrosis virus capsid protein. International Conference On Marine Science and Aquaculture (icomsa), virtual. Dec 9-10.
6. Chen, L. L.* (2020). Screening for proteins that can interact with grouper nervous necrosis virus (NNV) coat protein. Aquaculture America 2020, Hawaii,

America. Feb 9-12.

7. Huang, Y. H., Huang, P. Y. and Chen, L. L.* (2020). Development of oral delivery system for aquaculture using fly maggots. Aquaculture America 2020, Hawaii, America. Feb 9-12.
8. Chen, L. L.* and Huang, H. T. (2019). Application of polyamine carbon quantum dots (CQDs) to aquatic viral disease control: taking shrimp white spot syndrome (WSS) as an example. Marine Biotechnology Conference 2019, Simitsu, Japan. Sep 9-13.
9. Chen, L. L.* and Huang, H. T. (2019). Application of polyamine carbon quantum dots (CQDs) to aquatic viral disease control: taking shrimp white spot syndrome (WSS) as an example. 52th Annual Meeting of the Society for Invertebrate Pathology (SIP), Valencia, Spain. Jul 28-Aug 1.
10. Gray, R. Chen, L. L.* and Lu, M. W. (2019). Recombinant VP24, a potential treatment against white spot disease in *L. vannamei*. 12th Asian Fisheries and Aquaculture Forum (12AFAF), Iloilo City, Philippines. Apr 8-12.
11. Hsiao, H. C., Yu, P. and Chen, L. L.* (2019). Screening for the proteins that can interact with grouper nervous necrosis virus coat protein (GNNVCP). 12th Asian Fisheries and Aquaculture Forum (12AFAF), Iloilo City, Philippines. Apr 8-12.
12. Lin, C. H. and Chen, L. L.* (2019). Investigation of protein-protein interaction between an antimicrobial peptide epinecidin-1 and proteins in *Epinephelus coioides*. 12th Asian Fisheries and Aquaculture Forum (12AFAF), Iloilo City, Philippines. Apr 8-12.
13. Huang, P. Y., Hsu, T. H., Ma, C. H. and Chen, L. L.* (2019). Evaluation and establishment of cultivation demonstration area for spiny lobster in Matsu. 黃博鈺、徐德華、馬家桓、劉德全、陳歷歷。馬祖龍蝦栽培示範區的評估及設置。台灣水產學會學術論文發表會，台北，台灣，中華民國。1月12日。
14. Shih, H. Y. and Chen, L. L.* (2018). The effect of plant extract X on non-specific immune responses of white shrimp *Litopenaeus vannamei*. Asian Pacific Aquaculture 2018, Taipei, Taiwan, Apr 23-26.
15. Yu, P. and Chen, L. L.* (2018). Screening the protein that can interact with grouper nervous necrosis virus coat protein (GNNVCP). Asian Pacific Aquaculture 2018, Taipei, Taiwan, Apr 23-26.

16. Chen, L. L.* (2017). Development of the oral delivery system for shrimp aquaculture using attenuated *Listeria monocytogenes*. Aquaculture Europe 2017, Dubrovnik, Croatia. Oct 17-20.
17. Chen, L. L.* (2017). Development of the oral delivery system for shrimp aquaculture using attenuated *Listeria monocytogenes*. The Japanese Society for Fisheries Science (JSFS) 85th Anniversary International Symposium, Tokyo, Japan. Sep 22-24.
18. Chen, L. L.* (2017). Development of the oral delivery system for shrimp aquaculture using attenuated *Listeria monocytogenes*. The 11th Asia Pacific Marine Biotechnology Conference (APMBC), Hawaii, USA. May 22-24.

專書章節：

1. Lin, H. Y., Lin, J. H. Y., Lin, H. J. and Chen, L. L.* (2021). Inhibition of white spot syndrome virus (WSSV) in Pacific white shrimp (*Litopenaeus vannamei*) using polyamine-modified carbon quantum dots. *Methods in Molecular Biology*. Springer. (In press)

專利：

1. 陳歷歷。(2013)。治療或預防白點症病毒感染之組合物。中華民國專利發明第 I384952 號。專利權人：國立臺灣海洋大學，專利期間：2013 年 2 月 11 日至 2029 年 12 月 28 日。
2. 許家愷、陳歷歷、許德根、元淑冰。(2019)。表現異源基因的系統及其用途。中華民國專利發明第 I658140 號。專利權人：昕穎生醫技術股份有限公司，專利期間：2019 年 5 月 1 日至 2035 年 11 月 11 日。
3. 黃博鈺、陳歷歷、徐德華。(2020)。水產生物適用管供式凝膠飼料、其餵食系統及其方法。專利權人：國立臺灣海洋大學。專利申請案號：109136169。中華民國專利申請中。
4. 黃博鈺、陳歷歷、徐德華。(2020)。水產生物幼苗沉水培育系統及其方法。專利權人：國立臺灣海洋大學。專利申請案號：109136168。中華民國專利申請中。
5. 陳歷歷、黃博鈺、黃奕瑄。(2021)。蠅蛆載體飼料、其製造方法及其用途。

專利權人：國立臺灣海洋大學。專利申請案號：110136339。中華民國專利申請中。

技術轉移：

1. 周信佑、陳歷歷。(2019)。新型態產學研鏈結計畫-開發一條龍應用之新型態水產添加劑，被授權單位：國立臺灣海洋大學，臺灣。
2. 陳歷歷。(2017)。DOSTO Oregano 作為免疫刺激物改善蝦類免疫及抗病力配方計畫 (DOSTO Oregano as Immunostimulant for the Improvement of Shrimp Immunity and Disease Resistance)，被授權單位：DOSTOFARM GmbH，德國。
3. 陳歷歷。(2017)。以酸化劑 X 做為蝦飼料添加劑之配方比例與使用方式，被授權單位：永鴻國際生技股份有限公司，臺灣。
4. 陳歷歷。(2014)。治療或預防白點症病毒感染之組合物，被授權單位：昕穎生醫技術股份有限公司，臺灣。