

# 許志宏 Sheu, Jyh-Horng

## 論文及著述

### A 期刊論文（2010 年至今之成果）

#### 2015 年 (SCI 論文)

1. Chen, B.-W.; Uvarani, C.; Huang, C.-Y.; Hwang, T.-L.; Dai, C.-F.; Sheu, J.-H.\* (2015/01) “New Anti-Inflammatory Tocopherol-Derived Metabolites from the Taiwanese Soft Coral *Cladiella hirsuta*” *Bioorg. Med. Chem. Lett.*, 25, 92–95.
2. Fang H.-Y.; Uvarani, C.; Chiou, S.-F.; Hwang, T.-L.; Chen, S.-L.; Su, J.-H.; Wang, W.-L.; Sheu, J.-H.\* (2015/01) “Bioactive Chemical Constituents from the Brown Aga *Homoeostrichus formosana*” *Int. J. Mol. Sci.* 16, 736–746.
3. Lin, S.-W.; Huang, S.-C.; Kuo, H.-M.; Chen, C.-H.; Ma, Y.-L.; Chu, T.-H.; Bee, Y.-S.; Wang, E.-M.; Wen, Z.-H.; Sheu, J.-H.\*; Tai, M.-H.\* (2015/02) “Coral-derived Compound WA-25 Inhibits Angiogenesis by Attenuating VEGF/VEGFR2 Signaling Pathway” *Mar. Drugs* 13, 861–878.
4. Su, Y.-D.; Su, T.-R.; Wen, Z.-H.; Hwang, T.-L.; Fang, L.-S.; Chen, J.-J.; Wu, Y.-C.; Sheu, J.-H.\*; Sung, P.-J.\* (2015/02) “Briarenolides K and L, New Anti-inflammatory Briarane Diterpenoids from an Octocoral *Briareum* sp. (Briareidae)” *Mar. Drugs* 13, 1037–1050.
5. Tsai, C.-R., Huang, C.-Y., Chen, B.-W.; Tsai, Y.-Y.; Shih, S.-P.; Hwang, T.-L.; Dai, C.-F.; Wan, S.-Y. Sheu, J.-H.\* (2015/05) “New Bioactive Steroids from the Soft Coral *Klyxum flaccidum*” *RSC Adv.*, 5, 12546–12554.
6. Huang, T.-Z.; Chen, B.-W.; Huang, C.-Y.; Hwang, T.-L.; Uvarani, C.; Dai, C.-F.; Sung, P.-J.; Su, J.-H.; Sheu, J.-H.\* (2015/05) “Eunicellin-Based Diterpenoids, Hirsutalins S–V, from the Formosan Soft Coral *Cladiella hirsuta*” *Mar. Drugs* 13, 2757–2769.
7. Wei, W.-C.; Liu, C.-P.; Yang, W.-C.; Shyur, L.-F.; Sheu, J.-H.; Chen, S.-S.; Yang, N.-S.\* (2015/06) “Mammalian Target of Rapamycin Complex 2 (mTORC2) Regulates LPS-Induced Expression of IL-12 and IL-23 in Human Dendritic Cells” *J. Leukoc. Biol.* 97, 1071–1080.
8. Chao, C.-H.; Huang, T.-Z.; Wu, C.-Y.; Chen, B.-W.; Huang, C.-Y.; Hwang, T.-L.; Dai, C.-F. Sheu, J.-H.\* “Steroidal and α-Tocopherylhydroquinone Glycosides from two Soft Corals *Cladiella hirsuta* and *Sinularia nanolobata*” *RSC Adv.* (revised)
9. Chen, B.-W.; Chen, Y.-Y.; Lin, Y.-C.; Huang, C.-Y.; Uvarani, C.; Hwang, T.-L.; Chiang, M. Y.; Liu, H.-Y.; Sheu, J.-H.\* “Capsisteroids A–F, Withanolides from the Leaves of *Solanum capsicoides*” *RSC Adv.* (revised)

10. Wu, S.-Y. S.; Wang, H.-M. D.; Wen, Y.-S.; Liu, W.; Li, P.-H.; Chiu, C.-C.; Chen, P.-J.; Huang, C.-Y.; Sheu, J.-H.\*; Wen, Z.-H.\* “4-(Phenylsulfanyl)butan-2-one Suppresses Melanin Synthesis and Melanosome Maturation *in Vitro* and *in Vivo*” *Int. J. Mol. Sci.* (revised)
11. Chien, J.-Y.; Sheu, J.-H.; Wen, Z.-H.; Tsai, R.-K.; Huang, S.-P.\* “Neuroprotective Effect of 4-(Phenylsulfanyl)butan-2-one on Optic Nerve Crush Model in Rats” *Exp. Eye Res.* (revised)
12. Huang, C.-Y.; Sung, P.-J.; Uvarani, C.; Su, J.-H.; Lu, M.-C.; Dai, C.-F.; Wu, S.-L. Sheu, J.-H.\* “Glaucumolides A and B, Biscembranoids with New Structural Type from a Cultured Soft Coral *Sarcophyton glaucum*” *Sci. Rep.* (submitted)
13. Chang, F.-Y.; Uvarani, C.; Tai, C.-J.; Wei, W.-C.; Yang, N.-S.; Sung, P.-J.; Sheu, J.-H.\* “New Eunicellin-Derived Diterpenoids from a Taiwanese Soft Coral *Klyxum molle*” *RSC Adv.* (submitted)

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14. Chen, S.-C.; Chien, Y.-C.; Pan, C.-H.; Sheu, J.-H.\*; Chen, C.-Y.;\* Wu, C.-H.\* (2014/01) “Inhibitory Effect of Dihydroaustrasulfone Alcohol on the Migration of Human Non-Small Cell Lung Carcinoma A549 Cells and the Antitumor Effect on a Lewis Lung Carcinoma-Bearing Tumor Model in C57BL/6J Mice” *Mar. Drugs*, 12, 196–213.
15. Chen, K.-H.; Dai, C.-F.; Hwang, T.-L.; Chen, C.-Y.; Li, J.-J.; Chen, J.-J.; Wu, Y.-C.; Sheu, J.-H.; Wang, W.-H.; Sung, P.-J.\* (2014/01) “Discovery of Novel Diterpenoids from *Sinularia arborea*.” *Mar. Drugs*, 12, 385–393.
16. Lin, W.-Y.; Chen, B.-W.; Huang, C.-Y.; Wen, Z.-H.; Sung, P.-J.; Su, J.-H.; Dai, C.-F.; Sheu, J.-H.\* (2014/02) “Bioactive Cembranoids, Sarcocrassocolides P–R, from the Dongsha Atoll soft coral *Sarcophyton crassocaule*.” *Mar. Drugs*, 12, 840–850.
17. Lee, Y.-N.; Tai, C.-J.; Hwang, T.-L.; Sheu, J.-H.\* (2014/02) “Krempfielins N–P, New Anti-inflammatory Eunicellins from a Taiwanese Soft Coral *Cladiella krempfi*” *Mar. Drugs*, 12, 1148–1156.
18. Lin, K.-H.; Tseng, Y.-J.; Chen, B.-W.; Hwang, T.-L.; Chen, H.-Y.; Dai, C.-F.; Sheu, J.-H.\* (2014/03) “Tortuosenes A and B, New Diterpenoid Metabolites from the Formosan Soft Coral *Sarcophyton tortuosum*” *Org. Lett.*, 16, 1314–1317.
19. Sheu, J.-H.; Chen, Y.-H.; Chen, Y.-H.; Su, Y.-D.; Chang, Y.-C.; Su, J.-H.; Weng, C.-F.; Lee, C.-H.; Fang, L.-S.; Wang, W.-H.; Wen, Z.-H.; Wu, Y.-C.\*; Sung, P.-J.\* (2014/04) “Briarane Diterpenoids Isolated from Gorgonian Corals between 2011 and 2013” *Marine Drugs*, 12, 2164–2181.

20. Huang, T.-Z.; Chen, B.-W.; Huang, C.-Y.; Hwang, T.-L.; Dai, C.-F.; Sheu, J.-H.\* (2014/05) “Eunicellin-Based Diterpenoids, Hirsutalins N–R, from the Formosan Soft Coral *Cladiella hirsuta*” *Mar. Drugs*, 12, 2446–2457.
21. Chang, F.-Y.; Hsu, F.-J.; Tai, C.-J.; Wei, W.-C.; Yang, N.-S.\*; Sheu, J.-H.\* (2014/05) “Klymollins T-X, Bioactive Eunicellin-Based Diterpenoids from the Soft Coral *Klyxum molle*” *Marine Drugs*, 12, 3060–3071.
22. Chen, N.-F.; Huang, S.-Y.; Lu, C.-H.; Chen, C.-L.; Feng, C.-W.; Chen, C.-H.; Hung, H.-C.; Lin, Y.-Y.; Sung, P.-J.; Sung, C.-S.; Yang, S.-N.; Wang, H.-M. D.; Chang, Y.-C.; Sheu, J.-H.; Chen, W.-F.\*; Wen, Z.-H.\* (2014/07) “Flexibilide Obtained from Cultured Soft Coral Has Anti-Neuroinflammatory and Analgesic Effects through the Upregulation of Spinal Transforming Growth Factor-beta 1 in Neuropathic Rats” *Marine Drugs*, 12, 3792–3817.
23. Xio, Y.-J.; Su, J.-H.; Tseng, Y.-J.; Chen, B.-W.; Liu, W.; Sheu, J.-H.\* (2014/08) “Oxygenated Eremophilane- and Neolemnone-Derived Sesquiterpenoids from the Soft Coral *Lemnalia philippinensis*” *Marine Drugs*, 12, 4495–4503.
24. Chen, L.-C.; Lin, Y.-Y.; Jean, Y.-H.; Lu, Y.; Chen, W.-F.; Yang, S.-N.; Wang, H.-M.D.; Jang, I.-Y.; Chen, I.-M.; Su, J.-H.; Sung, P.-J.; Sheu, J.-H.; Wen, Z.-H. \* (2014/09) “Anti-Inflammatory and Analgesic Effects of the Marine-Derived Compound Comaparvin Isolated from the Crinoid *Comanthus bennetti*” *Molecules*, 19, 14667–14686.
25. Su, Y.-D.; Cheng, C.-H.; Chen, W.-F.; Chang, Y.-C.; Chen, Y.-H.; Hwang, T.-L.; Wen, Z.-H.; Wang, W.-H.; Fang, L.-S.; Chen, J.-J.; Wu, Y.-C.; Sheu, J.-H..\* Sung P.-J.\* (2014/10) “Briarenolide J, the first 12-chlorobriarane diterpenoid from an octocoral *Briareum* sp. (Briareidae)” *Tetrahedron Lett.*, 55, 6065–6067.
26. Fang H.-Y.; Chiou, S.-F.; Uvarani, C.; Wen, Z.-H.; Hsu, C.-H.; Wu, Y.-C.; Wang, W.-L.; Liaw, C.-C.; Sheu, J.-H..\* (2014/11) “Cytotoxic, anti-inflammatory and antibacterial sulfur-containing polybromoindoles from the Formosan red alga *Laurencia bronniartii*” *Bull. Chem. Soc. Jpn.*, 87, 1278–1280.
27. Chiu, C.-W.; Su, H.-J.; Lu, M.-C.; Wang, W.-H.;\* Sheu, J.-H..\* and Su, J.-H.\* (2014/11) “Cytotoxic polyacetylenes from a Formosan marine sponge *Callyspongia* sp.” *Bull. Chem. Soc. Jpn.*, 87, 1231–1234.
28. Tai, C.-J.; Uvarani, C.; Cheng, Y.; Shih, S.-P.; Lu, M.-C.; Su, J.-H.; Hwang, T.-L.; Sheu, J.-H..\* (2014/12) “Krempfielins Q and R, Two New Eunicellin-Based Diterpenoids from the Soft Coral *Cladiella krempfi*” *Int. J. Mol. Sci.*, 15, 21865–21874.

## 2013 年 (SCI 論文)

29. Chao, C.-H.; Wu, Y.-C.; Wen, Z.-H.; Sheu, J.-H.\* (2013/01) “Steroidal Carboxylic Acids from the Soft Coral *Paraminabea acronocephala*” *Mar. Drugs*, 11, 136–145. (SCI) 國科會計

計畫編號：NSC-100-2320-B-110-001-MY2

30. Tai, C.-J.; Su, J.-H.; Huang, C.-Y.; Huang, M.-S.; Wen, Z.-H.; Dai, C.-F.; Sheu, J.-H.\* (2013/03) "Cytotoxic and Anti-Inflammatory Eunicellin-Based Diterpenoids from the Soft Coral *Cladiella krempfi*" *Mar. Drugs*, 11, 788–799. (SCI) 國科會計畫編號：NSC-100-2320-B-110-001-MY2
31. Yen, W.-H.; Chen, W.-F.; Cheng, C.-H.; Dai, C.-F.; Lu, M.-C.; Su, J.-H.; Su, Y.-D.; Chen, Y.-H.; Chang, Y.-C.; Chen, Y.-H.; Sheu, J.-H.; Lin, C.-S.; Wen, Z.-H.\*; Sung, P.-J. \*(2013/03) "A New 5 $\alpha$ ,8 $\alpha$ -Epidioxysterol from the Soft Coral *Sinularia gaweli*" *Molecules*, 18, 2895–2903. (SCI) 國科會計畫編號：NSC-101-2320-B-291-001-MY3
32. Chen, B.-W.; Wang, S.-Y.; Huang, C.-Y.; Chen, S.-L.; Wu, Y.-C.; Sheu, J.-H.\* (2013/03) "Hirsutalins I–M, Eunicellin-Based Diterpenoids from the Soft Coral *Cladiella hirsuta*" *Tetrahedron*, 69, 2296–2301. (SCI) 國科會計畫編號：NSC-100-2320-B-110-001-MY2
33. Chung, H.-M.; Su, J.-H.; Hwang, T.-L.; Li, J.-J.; Chen, J.-J.; Chen, Y.-H.; Chang, Y.-C.; Su, Y.-D.; Chen, Y.-H.; Fang, L.-S.; Sheu, J.-H.; Wang, W.-H\*; Sung, P.-J. \* (2013/04) "Rumphellclovanes C–E, new clovane-type sesquiterpenoids from the gorgonian coral *Rumphella antipathies*" *Tetrahedron*, 69, 2740–2744. (SCI) 國科會計畫編號：NSC-101-2320-B-291-001-MY3
34. Lin, Y.-Y.; Jean, Y.-H.; Lee, H.-P.; Chen, W.-F.; Sun, Y.-M.; Su, J.-H.; Lu, Y.; Huang, S.-Y.; Hung, H.-C.; Sung, P.-J.; Sheu, J.-H.\*; Wen, Z.-H.\* (2013/05) "A Soft Coral-Derived Compound, 11-*epi*-Sinulariolide Acetate Suppresses Inflammatory Response and Bone Destruction in Adjuvant-Induced Arthritis" *PLOS ONE*, 8, e62926. (SCI) 國科會計畫編號：NSC-100-2325-B-110-001
35. Hsu, W.-L.; Chiu, S.-J.; Tsai, Y.-T.; Chang, C.-M.; Wang, J.-Y.; Wang, E. T.; Hou, M.-F.; Huang, C.-Y.; Sheu, J.-H.\*; Chang, W.-C.\* (2013/06) "A Soft Coral Natural Product, 11-Episinulariolide Acetate, Inhibits Gene Expression of Cyclooxygenase-2 and Interleukin-8 through Attenuation of Calcium Signaling" *Molecules*, 18, 7023–7034. (SCI) 國科會計畫編號：NSC-101-2628-B-038-001-MY2
36. Fang, H.-Y.; Hsu, C.-H.; Chao, C.-H. Wen, Z.-H.; Wu, Y.-C.; Dai, C.-F.; Sheu, J.-H.\* (2013/06) "Cytotoxic and Anti-Inflammatory Metabolites from the Soft Coral *Scleronephthya gracillimum*" *Mar. Drugs*, 11, 1853–1865. (SCI) 國科會計畫編號：NSC-100-2320-B-110-001-MY2
37. Tseng, Y.-J.; Lee, Y.-S.; Wang, S.-K.;\* Sheu, J.-H.; Duh, C.-Y.\* (2013/07) "Parathyrsoidins A–D, Four New Sesquiterpenoids from the Soft Coral *Paralemnalia thrysoides*" *Mar. Drugs*, 11, 2501–2509. (SCI)
38. Lin, Y.-F.; Kuo, C.-Y.; Wen, Z.-H.; Lin, Y.-Y.; Wang, W.-H.; Su, J.-H.; Sheu, J.-H.\*; Sung, P.-J.\* (2013/08) "Flexibilisquinone, a New Anti-Inflammatory Quinone from the Cultured Soft Coral *Sinularia flexibilis*" *Molecules* 2013, 18, 8160-8167. (SCI)
39. Lee, Y.-N.; Tai, C.-J.; Hwang, T.-L.; Sheu, J.-H.\* (2013/08) "Krempfielins J–M, New Eunicellin-Based Diterpenoids from the Soft Coral *Cladiella krempfi*" *Mar. Drugs*, 11,

2741–2750. (SCI) 國科會計畫編號：NSC-100-2320-B-110-001-MY2

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41. Xio, Y.-J.; Su, J.-H.; Chen, B.-W.; Tseng, Y.-J.; Wu, Y.-C.; Sheu, J.-H.\* (2013/10) “Oxygenated Ylangene-Derived Sesquiterpenoids from the Soft Coral *Lemnalia philippinensis*” *Mar. Drugs*, 11, 3735–3741. (SCI) 國科會計畫編號：NSC-100-2320-B-110-001-MY2
42. Wei, W.-C.; Sung, P.-J.; Duh, C.-Y.; Chen, B.-W.; Sheu, J.-H.\*; Yang, N.-S.\* (2013/10) “Anti-inflammatory activities of natural products isolated from soft corals of Taiwan between 2008 and 2012.” *Mar. Drugs*, 11, 4083–4126. (SCI)
43. Huang, C.-Y.; Liaw, C.-C.; Chen, B.-W.; Chen, P.-C.; Su, J.-H.; Sung, P.-J.; Dai, C.-F.; Chiang, M. Y.; Sheu, J.-H.\* (2013/10) “Withanolide-Based Steroids from the Cultured Soft Coral *Sinularia brassica*” *J. Nat. Prod.*, 76, 1902–1908.

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44. Shih, H.-J.; Tseng, Y.-J.; Huang, C.-Y.; Wen, Z.-H.; Dai, C.-F.; Sheu, J.-H.\* (2012/01) “Cytotoxic and Anti-inflammatory Diterpenoids from the Dongsha Atoll Soft Coral *Sinularia flexibilis*” *Tetrahedron*, 68, 244–249. (SCI) 國科會計畫編號：NSC 98-2113-M-110-002-MY3 (SCI) 國科會計畫編號：NSC 98-2113-M-110-011-MY3
45. Chao, C.-H.; Chou, K.-J.; Huang, C.-Y.; Wen, Z.-H.; Hsu, C.-H.; Wu, Y.-C.; Dai, C.-F.; Sheu, J.-H.\* (2012/02) “Steroids from the Soft Coral *Sinularia crassa*” *Mar. Drugs*, 10, 439–450. (SCI) 國科會計畫編號：NSC98-2113-M-110-002-MY3
46. Chen, W.-F.; Chakraborty C.; Sung C.-S.; Feng, C.-W.; Jean Y.-H.; Lin, Y.-Y.; Hung, H.-C.; Huang, T.-Y.; Huang, S.-Y.; Su, T.-M.; Sung, P.-J.; Sheu, J.-H.; Wen, Z.-H.\* (2012/03) “Neuroprotection by Marine-derived Compound, 11-Dehydrosinulariolide, in an *in Vitro* Parkinson’s Model: a Promising Candidate for the Treatment of Parkinson’s disease” *N.-S. Arch. Pharmacol.*, 385, 265–275. (SCI) 國科會計畫編號：99-2313-B-110-003-MY03 and 100-2325-B-110-001
47. Lin , W.-Y.; Lu, Y.; Chen, B.-W.; Huang, C.-Y.; Su, J.-H.; Wen, Z.-H.; Dai, C.-F.; Kuo, Y.-H. Sheu, J.-H.\* (2012/03) “Sarcocrassocolides M–O, Bioactive Cembranoids from the Dongsha Atoll Soft Coral *Sarcophyton crassocaule*” *Mar. Drugs*, 10, 617–626. (SCI) 國科會計畫編號：NSC 98-2113-M-110-002-MY3 and 100-2320-B-110-001-MY2
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49. Hong, P.-H.; Su, Y.-D.; Lin, N.-C.; Chen, Y.-H.; Kuo, Y.-H.; Hwang, T.-L.; Wang,

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50. Su, J.-H.; Huang, C.-Y.; Li, P.-J.; Lu, Y.; Wen, Z.-H.; Kuo, Y.-H.; Sheu, J.-H.\* (2012/05) “Bioactive Cadinene-type Sesquiterpenoids from the Soft Coral *Sinularia scabra*” *Arch. Pharm. Res.*, 35, 779–784. (SCI) 國科會計畫編號：NSC 98-2113-M-110-002-MY3
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52. Wu, S.-L.; Su, J.-H.; Huang, C.-Y.; Tai, C.-J.; Sung, P.-J.; Liaw, C.-C.; Sheu, J.-H.\* (2012/06) “Simplexins P–S, Eunicellin-Based Diterpenes from the Soft Coral *Klyxum simplex*” *Mar. Drugs*, 10, 1203–1211. (SCI) 國科會計畫編號：NSC 98-2113-M-110-002-MY3 and 100-2320-B-110-001-MY2
53. Huang, C.-Y.; Su, J.-H.; Duh, C.-Y.; Chen, B.-W.; Wen, Z.-H.; Kuo, Y.-H.; Sheu, J.-H.\* (2012/07) “A new 9,11-secoesterol from the soft coral *Sinularia granosa*” *Bioorg. Med. Chem. Lett.*, 22, 4373–4376. (SCI) 國科會計畫編號：NSC 98-2113-M-110-002-MY3 and NSC 100-2320-B-110-001-MY2
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