

SCI Papers of DMBR (Jan. 2008-Dec. 2008)

1. Wu YM, Hsu CH, Wang CH, Liu WT, Chang WH, Lin CS. (2008), Role of the DxxDxD motif in the assembly and stability of betanodavirus particles. *Curr. Neurovasc. Arch. Virol.* 153(9) 1633-1642. (SCI)
2. Jean YH, Chen WF , Duh CY , Huang SY , Hsu CH , Lin CS , Sung CS , Chen IM , Wen ZH .(2008), Inducible nitric oxide synthase and cyclooxygenase-2 participate in anti-inflammatory and analgesic effects of the natural marine compound lemnalol from Formosan soft coral *Lemnalia cervicorni*, *Eur. J. Pharmacol.* 578(2-3) 323-331 (SCI)
3. Wen ZH, Wu GJ, Hsu LC , Chen WF , Chen JY , Shui HA , Chou AK , Wong CS. (2008), N-Methyl-D-aspartate receptor antagonist MK-801 attenuates morphine tolerance and associated glial fibrillary acid protein up-regulation: a proteomic approach . *Acta Anaesthesiol. Scand* 52(4) 499-508. (SCI)
4. Chen SD, Wen ZH, Chang WK, Chan KH, Tsou MT, Sung CS, Tang GJ. (2008), Acute effect of methylprednisolone on the brain in a rat model of allergic asthma. *Neurosci. Lett.* 440(2) 87-91. (SCI)
5. Yeh TT, Wen ZH , Lee HS , Lee CH , Yang Z , Jean YH , Wu SS , Nimni ME, Han B.,(2008)Intra-articular injection of collagenase induced experimental osteoarthritis of the lumbar facet joint in rats. *Eur. Spine J.* 17(5) 734-742. (SCI)
6. Chen WF, Jean YH, Sung CS , Wu GJ , Huang SY , Ho JT , Su TM ,Wen ZH,(2008) Intrathecally injected granulocyte colony-stimulating factor produced neuroprotective effects in spinal cord ischemia via the mitogen-activated protein kinase and Akt pathways. *Neuroscience* 153(1) 31-43. (SCI)
7. Jean YH, Wen ZH, Chang YC, Hsieh SP, Lin JD, Tang CC, Chen WF, Chou AK, Wong CS.,(2008) Increasing of excitatory amino acids concentration and transporter expression in osteoarthritic knee of anterior cruciate ligament transected rabbit.Osteoarthritis Cartilage ;16:1442-1449.
8. Chao CH, Wen ZH, Wu YC, Yeh HC, Sheu JH.(2008) Cytotoxic and anti-inflammatory cembranoids from soft coral *Lobophytum crassum*. *J. Nat. Prod.*;71:1819-1824.
9. Lu Y, Huang CY, Lin YF, Wen ZH, Su JH, Kuo YH, Chiang MY, Sheu JH.(2008) Anti-inflammatory cembranoids from the soft corals *Sinularia querciformis* and *Sinularia granosa*. *J. Nat. Prod.* 71:1754-1959.
10. Su JH, Lo CL, Lu Y, Wen ZH, Huang CY, Dai CF, Sheu JH,(2008)Anti-inflammatory polyoxygenated steroids from the soft coral *Sinularia* sp. *Bull. Chem. Soc. Jpn.* 81, 1616-1620.
11. Chang CH, Wen ZH, Wang SK, Duh CY, (2008)Capnellenes from the Formosan soft coral *Capnella imbricata* . *J. Nat. Prod.*, 71(4) 619-621. (SCI)
12. Ahmed AF, Wen ZH, Su JH, Hsieh YT, Wu YC, Hu WP, Sheu JH, (2008) ,Oxygenated cembranoids from a Formosan soft coral *Sinularia gibberosa*. *J. Nat. Prod.*, 71(2) 79-185. (SCI)
13. Ahmed AF, Tai SH, Wen ZH, Su JH, Wu YC, Hu WP, Sheu JH,(2008)A C-3 methylated isocembranoid and 10-oxocembranoids from a Formosan soft coral, *Sinularia grandilobata* . *J. Nat. Prod.*,71(6) 946-951 . (SCI)
14. Huang YC, Wen ZH, Wang SK , Hsu CH , Duh CY , (2008).New anti-inflammatory 4-methylated steroids from the Formosan soft coral *Nephthea chabroli*. *Steroids* 73(11)

1181-1186 (SCI)

15. Chang CH, Wen ZH, Wang SK, Duh CY ,(2008)New anti-inflammatory steroids from the Formosan soft coral *Clavularia viridis*. *Steroids* 73(5) 562-567 (SCI)
16. Chao CH, Wen ZH , Chen IM , Su JH , Huang HC , Chiang MY , Sheu JH , (2008) Anti-inflammatory steroids from the octocoral *Dendronephthya griffini*. *Tetrahedron* 64(16) 3554-3560
17. Cheng SY, Wen ZH, Chiou SF, Hsu CH, Wang SK, Dai CF, Chiang MY, Duh CY,(2008),Durumolides A-E, anti-inflammatory and antibacterial cembranolides from the soft coral *Lobophytum durum*. *Tetrahedron* 64 9698–9704 . (SCI)
18. Chao CH, Wen ZH, Su JH, Chen IM, Huang HC, Dai CF, Sheu JH. Further Study on Anti-inflammatory Oxygenated Steroids from the Octocoral *Dendronephthya griffini*. *Steroids*.73, 1353-1358. (SCI)
19. Chen YLL, Chen HY , Tuo SH ,Kaori Ohki(2008), Seasonal dynamics of new production from *Trichodesmium N2* fixation and nitrate uptake in the upstream Kuroshio and South China Sea basin. *Limnol. Oceanogr.*, 53(5), 1705–1721. (SCI)
20. Jean YH, Chen WF , Duh CY , Huang SY , Hsu CH , Lin CS , Sung CS , Chen IM , Wen ZH .(2008), Inducible nitric oxide synthase and cyclooxygenase-2 participate in anti-inflammatory and analgesic effects of the natural marine compound lemnalol from Formosan soft coral *Lemnalia cervicorni*, *Europ. J. Pharm.* 578(2-3) 323-331 (SCI)
21. Chao CH, Wen ZH , Chen IM , Su JH , Huang HC , Chiang MY , Sheu JH , (2008) Anti-inflammatory steroids from the octocoral *Dendronephthya griffini*. *Tetrahedron* 64(16) 3554-3560
22. Chao CH, Wen ZH, Su JH, Chen IM, Huang HC, Dai CF, Sheu JH.Further Study on Anti-inflammatory Oxygenated Steroids from the Octocoral *Dendronephthya griffini*. *Steroids*.73, 1353-1358.(SCI)
23. Huang SW , Chen CY , Chen MH , (2008)Total and organic hg in fish from the reservoir of a chlor-alkali plant in Tainan, Taiwan. *J. Food Drug Anal.* 16(2) 75-80 (SCI).
24. Lo WT, Purcell JE, Hung JJ, Su HM, Hsu PK ,(2008)Enhancement of jellyfish (*Aurelia aurita*) populations by extensive aquaculture rafts in a coastal lagoon in Taiwan.*ICES J. Mar. Sci.*65(3) 453-461 . (SCI)
25. Lo WT and Chen IL ,(2008), Population succession and feeding of scyphomedusae, *Aurelia aurita*, in a eutrophic tropical lagoon in Taiwan. *Estuar. Coast. Shelf Sci.*,76(2): 227-238. (SCI)
26. Hsu PK, Lo WT and Shih CT, (2008),The coupling of copepod assemblages and hydrography in a eutrophic lagoon in Taiwan:Seasonal and spatial variations. *Zool. Stud.* 47(2),172-184. (SCI)
27. Chang YC, Tseng RS, Liu CT,(2008) Evaluation of Tidal Removal Method Using Phase Average Technique from ADCP Surveys Along a Transect Across a Channel in the Taiwan Strait, Terrestrial.TAO,19, 1-11. (SCI)
28. Chang SS, Shau YH, Wang MK, Ku CT, Chiang PN(2008) Mineralogy and occurrence of glauconite in central Taiwan. *Applied Clay Science*, 42, 74-80. (SCI)
29. Ahmed AF, Wen ZH, Su JH, Hsieh YT, Wu YC, Hu WP, Sheu JH ,(2008) Oxygenated cembranoids from a Formosan soft coral *Sinularia gibberosa*. *J. Nat. Prod.*, 71(2) 179-185 . (SCI)

30. Chao CH, Wen ZH, Chen IM, Su JH, Huang HC, Chiang MY, Sheu JH, (2008)Anti-inflammatory steroids from the octocoral *Dendronephthya griffini*. *Tetrahedron* 64(16) 3554-3560. (SCI)
31. Ahmed AF, Tai SH, Wen ZH, Su JH, Wu YC, Hu WP, Sheu JH ,(2008)A C-3 methylated isocembranoid and 10-oxocembranoids from a Formosan soft coral, *Sinularia grandilobata*. *J. Nat. Prod.*,71(6) 946-951 . (SCI)
32. Chen BW, Su JH, Dai CF, Wu YC, Sheu JH(2008)Polyoxygenated steroids from a Formosan soft coral *Sinularia facile*. *Bull. Chem. Soc. Jpn.* 81, 1304-1307. (SCI)
33. Sung PJ, Pai CH, Hwang TL, Fan TY, Su JH, Chen JJ, Fang LS,Wang WH, Sheu JH ,(2008) Junceols D-H, new polyoxygenated briaranes from sea whip gorgonian coral *Junceella juncea* (Ellisellidae). *Chem. Pharm. Bull.* 56(9) 1276-1281 . (SCI)
34. Chao CH, Wen ZH, Su JH, Chen IM, Huang HC, Dai CF, Sheu JH.Further Study on Anti-inflammatory Oxygenated Steroids from the Octocoral *Dendronephthya griffini*. *steroids*.73, 1353-1358.(SCI)
35. Sung PJ, Lin MR, Su YD, Chiang MY, Hue WP, Su JH, Cheng MC, Hwang TL, Sheu JH,(2008) New briaranes from the octocorals *Briareum excavatum* (Briareidae) and *Junceella fragilis* (Ellisellidae). *Tetrahedron* 64(11) 2596-2604 (SCI)
36. Su JH, Hsieh CH, Lo CL, Huang CY,Dai CF, Kuo YH, Sheu JH (2008) Sesquiterpenoids-related Metabolites from the Soft Coral *Sinularia* sp. *J. Chin. Chem. Soc.* 55, 1286-1289.(SCI)
37. Chao CH, Wen ZH, Wu YC, Yeh HC, Sheu JH.(2008) Cytotoxic and anti-inflammatory cembranoids from soft coral *Lobophytum crassum*. *J. Nat. Prod.* ,71:1819-1824.(SCI)
38. Lu Y, Huang CY, Lin YF, Wen ZH, Su JH, Kuo YH, Chiang MY, Sheu JH.(2008) Anti-inflammatory cembranoids from the soft corals *Sinularia querciformis* and *Sinularia granosa*. *J. Nat. Prod.* 71:1754-1959.
39. Su JH, Lo CL, Lu Y, Wen ZH, Huang CY, Dai CF, Sheu JH,(2008)Anti-inflammatory polyoxygenated steroids from the soft coral *Sinularia* sp. *Bull. Chem. Soc. Jpn.* 81, 1616-1620.
40. Hwang TL, Lin MR, Tsai WT , Yeh HC , Hu WP , Sheu JH , Sung PJ,(2008) New Polyoxygenated Briaranes from Octocorals *Briareum excavatum* and *Ellisella robusta* *Bull. Chem. Soc. Jpn.* 81(12) 1638-1646 (SCI)
41. Wei WC, Staniforth V, Yang WC, Sheu JH, Shyur LF, Yang NS,(2008) Cytopiloyne, a polyacetylenic glucoside from *Bidens pilosa*, modulates T cell differentiation through suppression of IL-12 expression in human dendritic cells .*Planta Medica* ,74(9) 940-940 (SCI)
42. Sung PJ, Lin MR, Hwang TL, Fan TY, Su WC, Ho CC, Fang LS, Wang WH, (2008) Briaexcavatins M-P, Four New Briarane-Related Diterpenoids from Cultured Octocoral *Briareum excavatum* (Briareidae). *Chem. Pharm. Bull.*,56:930-935. (SCI)
43. Tang CH and Wang WH, (2008) Butyltin Accumulation in Two Marine Bivalves Along a Pollution Gradient.*Environ. Toxicol. Chem.* 27,2179-2185. (SCI)
44. Chang CS, Wang WH and Tsai CE , (2008) Simultaneous Determination of Eleven Quinolones Antibacterial Residues in Marine Products and Animal by Liquid Chromatography with Fluorescence Detection. *J. Food Drug Anal.*, 16, 1-10.
45. Sung PJ, Sheu JH, Wang WH, Fang LS , Chung HM, Pai CH, Su YD, Tsai WT, Chen BY, Lin

- MR and Li GY, (2008) Survey of Briarane-type Diterpenoids-Part III. Heterocycles, 75, 2627-2648.
46. Sung PJ, Su YD, Hwang TL, Chuang LF, Chen JJ, Li JJ, Fang LS and Wang WH, (2008) Rumphellatin D, a Novel Chlorinated Caryophyllane from Gorgonian Coral Rumphella antipathies. *Chem. Lett.*, 37, 1244-1245.
 47. Chang CH, Wen ZH , Wang SK , Duh CY ,(2008)Capnellenes from the Formosan soft coral Capnella imbricate. *J. Nat. Prod.*, 71(4)619-621 . (SCI)
 48. Huang YC, Wen ZH, Wang SK, Hsu CH , Duh CY, (2008) New anti-inflammatory 4-methylated steroids from the Formosan soft coral Nephthea chabrolie. , *Steroids* 73(11) 1181-1186. (SCI)
 49. Chang CH, Wen ZH, Wang SK, Duh CY ,(2008)New anti-inflammatory steroids from the Formosan soft coral Clavularia viridis., *Steroids* 73(5) 562-567 . (SCI)
 50. Cheng SY, Wen ZH, Chiou SF, Hsu CH, Wang SK, Dai CF, Chiang MY, Duh CY,(2008),Durumolides A-E, anti-inflammatory and antibacterial cembranolides from the soft coral Lobophytum durum. *Tetrahedron* 64 9698–9704 . (SCI)
 51. Jean YH, Chen WF, Duh CY, Huang SY, Hsu CH, Lin CS, Sung CS, Chen IM, Wen ZH,(2008),Inducible nitric oxide synthase and cyclooxygenase-2 participate in anti-inflammatory and analgesic effects of the natural marine compound lemnalol from Formosan soft coral Lemnalia cervicorni. *Europ. J. Pharm.* 578(2-3) 323-331 (SCI)
 52. Chen CY, Cheng YB, Chen SY, Chien CT, Kuo YH, Guh JH, Khalil AT,Shen YC,(2008) New bioactive clerodane diterpenoids from the roots of Casearia membranacea. *Chem. Biodiver.* 5(1) 162-167 (SCI)
 53. Lin YS , Khalil AT, Chiou SH, Kuo YC, Cheng YB, Liaw CC, Shen YC(2008) Bioactive marine prostanoids from octocoral Clavularia viridis. *Chem. Biodiver.* 5(5) 784-792 (SCI)
 54. Shen YC, Wang SS , Chien CT , Kuo YH , Khalil AT ,(2008)Tasumatrols U-Z, taxane diterpene esters from Taxus sumatrana. *J. Nat. Prod.* 71(4)576-580 (SCI)
 55. Cheng YB, Shen YC, Kuo YH, Khalil AT ,(2008)Cembrane diterpenoids from the Taiwanese soft coral Sarcophyton stolidotum . *J. Nat. Prod.* 71(7) 1141-1145 (SCI)
 56. Liaw CC, Shen YC, Lin YS, Hwang TL, Kuo YH, Khalil AT,(2008) Frajunolides E-K, Briarane Diterpenes from Junceella fragilis *J. Nat. Prod.* 71, 1551–1556 (SCI)
 57. Huang HC , Liaw CC, Zhang LJ , Ho HU , Kuo LMY , Shen YC , Kuo YH,(2008) Triterpenoidal saponins from Hydrocotyle sibthorpioides *Phytochemistry* 69(7) , 1597-1603 (SCI)
 58. Cheng YB, Lo KL , Chen CY , Khalil AT , Shen YC ,(2008) New Verticillane-Type Diterpenoids from the Taiwanese Soft Coral Cespidularia hypotentaculata *Helv. Chim. Acta* 91(12) 2308-2315 (SCI)
 59. Shen YC, Lo KL , Kuo YH , Kuo YC , Chen CH , Khalil AT,(2008) Cespihypotins Q-V, Verticillene Diterpenoids from Cespidularia hypotentaculata *J. Nat. Prod.* 71(12) 1993-1997 (SCI)
 60. Shen YC, Tzeng GL, Kuo YH, Khalil AT ,(2008)Cytotoxic activity of capnellene-8 beta,10 alpha-diol derivatives from a Taiwanese soft coral Capnella sp. *J. Chin. Chem. Soc.* 55(4) 828-833 (SCI)

61. Liaw CC, Kuo YH , Hwang TL, Shen YC (2008) Eupatozansins A-C, Sesquiterpene Lactones from *Eupatorium chinense* var. *tozanense* *Helv. Chim. Acta* 91(11) 2115-2121 (SCI)
62. Shen YC, Lin YC , Cheng YB, Chang CJ , Lan TW , Liou SS , Chien CT, Liaw CC , Khalil AT,(2008) New oxygenated lignans from *Kadsura philippinensis* *Helv. Chim. Acta* 91(3) 483-494 (SCI)