

SCI Papers of DMBR (Jan. 2006-Dec. 2006)

1. Wang LH, and Tsai CL, (2006), Photoperiod influences the ontogenetic expression of aromatase and estrogen receptor in the developing tilapia brain. *Gen. Comp. Endocrinol.*, 145, 62-66. (SCI)
2. Wang LH, and Tsai CL, (2006), Cloning and characterization of tilapia serotonin 1A and 1D receptor cDNAs: Influence of temperature and gonadal steroids on the ontogenetic expression of brain serotonin 1A and 1D receptors during the critical of sexual differentiation in tilapia, *Oreochromis mossambicus*. *Comp. Biochem. Physiol. B*, 143,117-126. (SCI)
3. Liu W, Hsu CH, Chang CY, Chen HH, Lin CS. (2006). Immune response against grouper nervous necrosis virus by vaccination of virus-like particles. *Vaccine*. 24 (37-39),6282-6287. (SCI)
4. Huang HC, Wen ZH, Chao CH, Ahemd AF, Chiang MY, Kuo YH, Hsu CH, Sheu JH. (2006). Novel sesquiterpenoids from the Formosan soft coral *Paralemnalia thrysoides*. *Tetrahedron Lett.*, 47,8751-8755. (SCI)
5. Ahmed AF, Hsieh YT, Wen ZH, Wu YC, Sheu JH. (2006).Polyoxygenated sterols from the Formosan soft coral *sinularia gibberosa*. *J. Nat. Prod.* 69:1275-1279. (SCI)
6. Jean YH, Wen ZH, Lee HS, Chang YC, Hsieh SP, Cherng CH, Wu CT, Wong CS. (2006). Hyaluronic acid attenuates early osteoarthritis development in the anterior cruciate ligament-transected knee: associated with excitatory amino acids release in the joint dialysate. *J. Orthop. Res.* ;24:152-161. (SCI)
7. Wu GJ, Wen ZH, Chang YC, Yang SN, Tao PL, Wong CS.(2006).Protein kinase C inhibitor chelerythrine attenuates the morphine-induced excitatory amino acid release and reduction of the antinociceptive effect of morphine in rats injected intrathecally with pertussis toxin. *Life Sci.* ;78:1801-1807. (SCI)
8. Chen YLL and Chen HY. (2006). Seasonal dynamics of primary and new production in the northern South China Sea: the significance of river discharge and nutrient advection. *Deep-Sea Res. I*,53: 971-986 (SCI)
9. Chou WC., Chen YL, Sheu DD , Shih YY, Han CA, Cho CL, Tseng CM and Yang Y J. (2006). Estimated net community production during the summertime at the SEATS time-series study site, northern South China Sea: Implications for nitrogen fixation. *Geophys. Res. Lett.*, 33, L22610, (SCI).
10. Chen YC, Chen MH.(2006) Mercury levels of seafood commonly consumed in Taiwan. *J. Food Drug Anal.*, 14(4) , 373-378 . (SCI)
11. Lin HJ, Dai XX, Shao KT, Su HM, Lo WT, Hsieh HL, Fang LS and Hung JJ (2006), Trophic structure and functioning in a eutrophic and poorly-flushed lagoon in southwestern Taiwan. *Mar. Environ. Res.*, 62, 61-82. (SCI)
12. Sung PJ, Chao CH, Chen YP, Su JH, Hu WP, Sheu JH (2006), Briaexcavatins A and B, novel briaranes from the octocoral *Briareum excavatum*. *Tetrahedron Lett.*, 47, 167–170. (SCI)
13. Sung PJ, Chen WC, Chen YP, Li JJ, Fang LS, Sheu JH (2006), Occurrence of isoquinoline quinones in the sponge *Halichondria* sp. (Halichondriidae) *Biochemical Systematics and Ecology*, 34, 174–176. (SCI)
14. Sheu JH, Chen YP, Hwang TL, Chiang MY, Fang LS, Sung PJ (2006), Junceellolides J-L,

Three 11,20-Epoxybriaranes from the Gorgonian Coral *Junceella fragilis* J. Nat. Prod., 69, 269–273. (SCI)

15. Chao CH, Hsieh CH, Chen SP, Lu CK, Dai CF, Wu YC, Sheu JH (2006), Novel Sesquiterpene Peroxides from the Formosan Soft Coral *Sinularia* sp. Tetrahedron Lett., 47, 2175–2178. (SCI)
16. Ahmed AF, Wu MH, Dai CF, Sheu JH (2006), Metabolites with Cytotoxic Activities from the Formosan Soft Coral *Cladiella australis*. J. Chin. Chem. Soc., 53, 489-494. (SCI)
17. Su JH, Tseng YJ, Huang HH, Ahmed AF, Lu CK, Wu YC, Sheu JH(2006), 9,11-Secosterols from the soft corals *Sinularia lochmodes* and *Sinularia leptoclados*J. Nat. Prod., 69, 850–852. (SCI)
18. Sung PJ, Chen YP, Hwang TL, Hu WP, Fang LS, Wu YC, Li JJ, Sheu JH(2006), Briaexcavatins C–F, four new briarane-related diterpenoids fromthe Formosan octocoral *Briareum excavatum* (Briareidae). Tetrahedron, 62, 5686–5691. (SCI)
19. Chen SP, Sheu JH, Fang LS, Hu WP, Sung PJ (2006), $3\alpha,7\alpha,12\alpha$ -Triacetoxy-5 β -cholanic acid, a steroid from the Formosan soft coral *Alcyonium* sp (Alcyoniidae). Nat. Prod. Res., 20, 748–753. (SCI)
20. Chen SP, Ahmed AF, Dai CF, Lu CK, Hu WP, Wang JJ, Sheu JH. (2006) Sinugibberosides A-E, new terpenoids with cyclic peroxyhemiketal from the soft coral *Sinularia gibberosa*. Tetrahedron, 62, 6802–6807. (SCI)
21. Chao CH, Hsieh CH, Chen SP, Lu CK, Dai CF, Sheu JH. (2006)“Sinularianins A and B, novel sesquiterpenoids from the Formosan soft coral *Sinularia* sp.”Tetrahedron Lett., 47, 5889–5891. (SCI)
22. Su JH, Ahmed AF, Sung PJ, Chao CH, Kuo YH, Sheu JH(2006), Manaarenolides A–I, New Diterpenoids from the Soft Coral *Sinularia manaarensis*. J. Nat. Prod., 69, 1134–1139. (SCI)
23. Ahmed AF, Hsieh YT, Wen ZH, Wu YC, Sheu JH (2006),Polyoxygenated sterols from the formosan soft coral *Sinularia gibberosa*. J. Nat. Prod., 69, 1275–1279. (SCI)
24. Chen SP, Chao CH, Huang HC, Lu CK, Dai CF, Sheu JH.(2006), New β -Caryophyllene-Derived Terpenoids from a Formosan Soft Coral *Sinularia gibberosa*. Bull. Chem. Soc. Jpn., 79, 1547-1551. (SCI)
25. Huang HC, Wen ZH, Chao CH, Ahmed AF, Chiang MY, Kuo YH, Hsu CH, Chen SP, Sheu JH (2006), Novel sesquiterpenoids from the Formosan soft coral *Paralemnalia thrysoides*. Tetrahedron Lett., 47, 8751–8755. (SCI)
26. Huang HC, Ahmed AF, Su JH, Wu YC, Chiang MY, Sheu JH (2006), Crassocolides A–F, new cembranoids with a trans-fused lactone from the soft coral *Sarcophyton crassocaule*. J. Nat. Prod., 69, 1554–1559. (SCI)
27. Chen YP, Wu SL, Su JH, Lin MR, Hu WP, Hwang TL, Sheu JH, Fan TY, Fang LS, Sung PJ (2006), Briaexcavatins G and H, Two New Briaranes from the Octocoral *Briareum excavatum*. Bull. Chem. Soc. Jpn., 79, 1900-1905. (SCI)
28. Chao CH, Hsieh CH, Chen SP, Lu CK, Dai CF, Wu YC, Sheu JH, (2006), Novel cyclic sesquiterpene peroxides from the Formosan soft coral *Sinularia* sp. Tetrahedron Lett., 47(13), 2175-2178 (SCI)
29. Wang SK, Huang MJ, Duh CY. (2006).Cytotoxic constituents from the formosan soft coral *Clavularia inflata* var. *luzoniana*. J. Nat. Prod. 69 (10), 1411-1416. (SCI)

30. Chen JJ, Huang SY, Duh CY, et al. (2006).A new cytotoxic amide from the stem wood of *Hibiscus tiliaceus*. *Planta Medica*, 72 (10), 935-938. (SCI)
31. Duh CY, Li CH, Wang SK, et al. (2006).Diterpenoids, norditerpenoids, and secosteroids from the Formosan soft coral *Cespitularia hypotentaculata* J. Nat. Prod.,69 (8), 1188-1192. (SCI)
32. Chen JJ, Chou TH, Duh CY, et al .(2006).Cytotoxic dihydroagarofuranoid sesquiterpenes from the stem of *Microtropis fokienensis*. *J. Nat. Prod.*, 69 (4), 685-688. (SCI)
33. Chen JJ, Chou ET, Duh CY, et al. (2006). New cytotoxic tetrahydrofuran- and dihydrofuran-type lignans from the stem of *Beilschmiedia tsangii* . *Planta Medica*, 72 (4), 351-357 (SCI)
34. El-Gamal AAH, Wang SK, Duh CY. (2006). Cytotoxic xenia diterpenoids from the soft coral *Xenia umbellata*. *J. Nat. Prod.*, 69 (3), 338-341. (SCI)
35. Wang SK, Dai CF, Duh CY. (2006).Cytotoxic pregnane steroids from the Formosan soft coral *Stereonephthya crystalliana*. *J. Nat. Prod.*, 69 (1), 103-106. (SCI)
36. Shen YC, Lin JJ, Wu YR, Chang JY, Duh CY, Lo KL. (2006).New norditerpenoids from *Cespitularia hypotentaculata* *Tetrahedron Lett.*, 47 (37), 6651-6655.(SCI)
37. Shen YC, Lo KL, Kno YH, Khalil AT, (2006). Bioactive sesquiterpene lactones from *Eupatorium kiirunense*. *J. Nat. Prod.*, 1(7) , 531-536 . (SCI)
38. Shen YC, Liaw CC, Cheng YB, Ahmed AF, Lai MC, Liou SS, Wu TS, Kuo YH , Lin YC, (2006). C-18 dibenzocyclooctadiene lignans from *Kadsura philippinensis*. *J. Nat. Prod.*, 69(6) ,963-966 . (SCI)
39. Shen YC, Ho CJ, Kuo YH, Lin YS, (2006). Cespitulactones A and B, new diterpenoids from *Cespitularia taeniata*. *Bioorganic & Medicinal Chemistry Letters*, 16(9), 2369-2372. (SCI)
40. Shen YC, Liaw CC, Hoy JR, Khalil AT, Kuo YH, (2006). Isolation of aureol from *Smenospongia* sp and cytotoxic activity of some aureol derivatives. *Nat. prod. Res.*, 20(6), 578-585 . (SCI)
41. Shen YC, Lo KL , Lin YC , Khalil AT , Kuo YH , Shih PS, (2006). Novel linear C-22-sesterterpenoids from sponge *Ircinia formosana*. *Tetrahedron Lett.*, 47(24), 4007-4010 . (SCI)
42. Chiang PC, Kung FL, Huang DM, Li TK, Fan JR, Pan SL, Shen YC, Guh JH. Induction of Fas clustering and apoptosis by coral prostanoid in human hormone-resistant prostate cancer cells . *Europ. J. Pharm.*, 542(1-3), 22-30 . (SCI)
43. Cheng YB, Jang JY, Khalil AT, Kuo YH, Shen YC, (2006). Xenicane-type diterpenes with cytotoxicity from *Xenia florida* . *J. Nat. Prod.*, 69(4), 675-678 . (SCI)