Chan-Shing Lin Publications:

A. Journal Papers: (※ SCI mark)

1. Chen, Kuo-Cheng, **Chan-Shing Lin**, and Juan-Yih Wu; Effects of Substrate Protection and Intraparticle Diffusion on the Stability of Immobilized Glucose Isomerase. J. Chin. Inst. Eng. 1985; 8: 365-371. (IF= 0.295; Subject Categories: ENGINEERING, MULTIDISCIPLINARY 73/90= 81.11%)

2. ***Lin, Chan-Shing**; An Experimental Method to Determine the Substrate Protection of Enzyme against Deactiovation in a Reversible Reaction. Biochem J. 1986 June 1; 236(2): 591–594. (IF= 4.987; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 61/290= 21.03%;)**(SCI)** (Corresponding)

3. ***Lin, Chan-Shing** and Henry C. Lim; A Kinetic Model and Steady-State Analysis for Polysaccharide Production by *Methylmonas mucosa.* J. Biotechn. 1990; 16: 137-152. **(SCI)** (IF= 3.045; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 46/158= 29%) **(SCI)**

4. ***Lin, Chan-Shing** and Henry C. Lim; Utilizing the Difference Transient Behavior of Recombinant and Nonrecombinant Cells to Improve CSTBR Operation. Chem. Eng. Comm. 1992; 118: 265-278. (IF= 4.112; Subject Categories: CHEMISTRY, MEDICINAL 6/54= 11.1%; Times Cited:0) **(SCI)**

5. Chen, Bor-Yann, **Chan-Shing Lin**, and Henry C. Lim; Temperature induction of bacteriophage l mutants in *Escherichia coli*. J. Biotechnol. 1995; 40: 87-97. (IF= 3.045; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 46/158= 29%) **(SCI)**

6. Liu, Chia-Han, **Chan-Shing Lin**, Jong-Kang Liu; Bacteria and Cyanide. Chinese Bioscience. 1995; 38(1): 27-37.

7. Liu, J.K., Fong-Tzy Lee, **C.-S. Lin**, X. T. Yao, T. W. Davenport, and T. Y. Wong; Alternative Function of Electron Transport System in *Azotobacter vinelandii*: Romoval of Excess Reductant by the Cytochrome d Pathway. Appl. Environ. Microbiol. 1995; 61: 3998-4003. (IF= 3.829; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 29/158= 18%; Times Cited:0) **(SCI)**

8. ***Lin, Chan-Shing**, Chi-Hsin, and Jong-Kang Liu. Generalized Grazing Kinetics of Marine Zooplankton. Proc. Nat. Sci. Coun., ROC part B: Life Sciences. 1996; 20(2): 58-64.

(IF=2.527; Subject Categories: MEDICINE, RESEARCH & EXPERIMENTAL 47/112= 42%) **(NSC83-0-402E-1000-03T)** (Corresponding)

9. ***Lin, Chan-Shing**, Shiang-Feei Wang, Xing-Yi Hwang, Sue-Jane Lin, Chei-Hsiang Chen, and Jong-Kang Liu; Microbial Index for Heavy Metal Pollutant in Water Resources of Aquaculture. J. Fisher. Soc. Taiwan. 1996; 23(1): 1-8. (IF= 2.527; Subject Categories: PHARMACOLOGY & PHARMACY 107/261= 41%) (Corresponding).

10. Jong-Kang Liu, Ming-Wei Lu, Li-Tswan Yang, ***Chan-Shing Lin**; Expression of Polyphosphate Kinase Inhibits the Glucose Uptake in *Escherichia coli*. Proc. Nat. Sci. Coun., ROC part B: Life Science. 1996; 20: 110-116. (IF= 0.073; Subject Categories: BIOLOGY 84/85 = 99%) (Corresponding)

11. **林全信***、吳惠芬、歐鴻達。1996。淡出江湖的氫解酵素基因。科學月刊 27(11): 888-895。

12. 揭維邦、**林全信**、劉仲康。1996。海洋發光細菌之生理及生態特性。生命科學39(1): 98-106。

13. **林全信***、徐基新、古心蘭、毛傳忠。1996。養殖池水處理劑之開發研究-生物法還原養殖用水的開發。農委會漁業特刊 58: 287-298。

14. 王秀琴、呂明偉、**林全信**、王鐵頤、劉仲康。1997。DNA之選擇性修補機制。生物科學 40(1): 82-92。

15. Shen, Ya-Ching, Sui-Wei Yang, **Chan-Shing Lin**, Chung-Hsiung Chen, Yao-Haur Kuo, Chieh-Fu Chen; Zhankuic Acid F, A New Metabolte from a Formosan Fungus *Antrodia cinnamomea*. Planta Medica-Natural Products and Medicinal Plant Research. 1997; 63: 86-88. (IF= 2.153; Subject Categories: PLANT SCIENCES 31/59= 53%) **(SCI)**

16. Liu, J.-K., C.-H. Liu, and **C.-S. Lin***; The role of nitrogenase in a cyanide-degrading *Klebsiella oxytoca* strain. Proc. Natl. Sci. Counc. ROC(B). 1997; 21: 37-42. (Corresponding)

17. 戴上凱、**林全信**、劉仲康。1998。細菌發光基因之調控及其在生物檢測法上的應用。Chinese Bioscience 40(1): 97-110.

18. **Lin, C.-S.** H-C Wang, T. Y. Wong, J. K. Liu; The absence of strand-specific repair for the DNA polymerase pol gene in Deinococcus radiodurans. Biochem. Mol. Biol. International. 1998; 45(4): 651-662. **(SCI)** (Corresponding)

19. **Lin, C.-S.**, B.-Y. Chen, Park TH, Henry C. Lim; Characterization of phage lambda Q-mutants for stable and efficient production of recombinant protein in *Escherichia coli*. Biotech. Bioeng. 1998; 57: 529-35. (IF=3.946; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 28/125= 22%) **(SCI)**

20. Zhang, Y.-M., T.Y. Wong, L.-Y. Chen, **C.-S. Lin**, and J.-K. Liu; Induction of a futile Embden-Meyerhof-Parnas pathway in Deinococcus radiodurans by Mn: Possible role of the pentose phosphate pathway in cell survival. Appl. Env. Microbiol. 2000; 66: 105-112. (IF= 3.829; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 29/158 = 18%; Times Cited:18) **(SCI)**

21. Hsu, Chi-Hsin, Chong-Yi Lo, Jong-Kang Liu, and **Chan-Shing Lin**; Control of eel (*Anguilla Japonica*) pathogens, *Aeromonas hydrophila* and *Edwardsiella tarda*, by bacteriophages. J. Fish. Soc. Taiwan. 2000; 27: 21-31.

22. ***Lin, Chan-Shing**, Ming-Wei Lu, Liang Tang, Wangta Liu, Chia-Ben Chao, Chun Ju Lin, Neel K. Krishna, John E. Johnson, and Anette Schneemann; Characterization of virus-like-particles assembled in a recombinant baculovirus system expressing the capsid protein of a fish nodavirus. Virology. 2001 Nov 10; 290(1): 50-8. (IF= 3.351; Subject Categories: VIROLOGY 14/32= 44%; Times Cited:22) (SCI) (Corresponding)

23. Chao, C-B, S-C Yang, H-Y Tsai, C-Y Chen, **Chan-Shing Lin**, and HT Huang; A Nested PCR for the detection of grouper iridovirus in Taiwan (TGIV) in cultured hybrid grouper, Giant Seaperch, and Largemouth Bass. J. Aqua. Animal Health. 2002; 14: 104-113. (IF= 0.833; Subject Categories: VETERINARY SCIENCES 70/145= 48%; Times Cited:19) **(SCI)**

24. Tang, L, **Chan-Shing Lin**, N. K. Krishna, M. Yeager, A. Schneemann, J. E. Johnson; Virus-like particles of a fish nodavirus display a capsid subunit domain organization different from insect nodavirus. J. Virology. 2002; 76: 6370-6375. (IF= 5.402; Subject Categories: VIROLOGY 6/32= 19%; Times Cited:30) **(SCI)**

25. Lu, Ming-Wei and ***Chan-Shing Lin**; Involvement of the terminus of grouper betanodavirus capsid protein in virus-like particle assembly. Archives Virology. 2003; 148: 345-355. (IF= 2.111; Subject Categories: VIROLOGY 22/32= 69%; Times Cited:5) **(SCI)** (Corresponding)

26. Lu, Ming-Wei, Wangta Liu and ***Chan-Shing Lin;** Infection competition against grouper nervous necrosis virus by virus-like particles produced in *Escherichia coli*. J. General Virology. 2003; 84: 1577-1582. (IF= 3.36; Subject Categories: BIOTECHNOLOGY &

APPLIED MICROBIOLOGY 41/158= 26%; Times Cited:13) **(SCI)** (Corresponding)

27. Kao, C. M., J. K. Liu, H. R. Lou, **C.-S. Lin**, and S. C. Chen; Biotransformation of cyanide to methane and ammonia by *Klebsiella oxytoca*. Chemosphere. 2003; 50: 1055-1061. (IF= 3.206; Subject Categories: ENVIRONMENTAL SCIENCES 32/205= 16%; Times Cited:36) **(SCI)**

28. Hwang, Shyi-Chyuan, **Chan-Shing Lin**, I-Ming Chen, Jiunn-Ming Chen, Liang-Yu Liu. Removal of multiple nitrogenous wastes by *Aspergillus niger* in a continuous fixed-slab reactor. Bioscience Technology. 2004; 93: 131-138. (IF= 4.98; Subject Categories: AGRICULTURAL ENGINEERING 1/12= 8%; Times Cited:2) **(SCI)**

29. Chao, C.-B., C.-Y. Chen, Y. -Y. Lai, **C.-S Lin.** and H.-T Huang; Histological, ultrastructural, and in situ hybridization study on the enlarged cells in grouper iridovirus in Taiwan (TGIV)-infected grouper *Epinephelus* hybrid. Disease of Aquatic Organism. 2004; 58: 127-142. (IF= 2.201; Subject Categories: VETERINARY SCIENCES 9/145= 6%; Times Cited:22) **(SCI)**

30. Liu W, Hsu CH, Hong YR, Wu SC, Wang CH, Wu YM, Chao CB, ***Lin C.-S.**; Early endocytosis pathways in SSN-1 cells infected by dragon grouper nervous necrosis virus. JOURNAL OF GENERAL VIROLOGY. 2005 Sep; 86(Pt 9): 2553-61. (IF= **3.363**; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 41/158= 26%; Times Cited:7) **(SCI)** (Corresponding)

31. Thiery, R, Baud, M., Cabon, J., Cozien, J., Lamour, F., **Lin, Chan-Shing**, Krishna, N., Johnson, J. E. Schneemann, A. 2005; Nodavirus-Vlp Immunization Composition. Patent, **Wo/2005/112994.**

32. Liu W, Hsu CH, Chang CY, Chen HH, ***Lin C.-S.**; Immune response against grouper nervous necrosis virus by vaccination of virus-like particles. VACCINE. 2006 Sep 11; 24(37-39): 6282-7. (IF= 3.766, Subject Categories: MEDICINE, RESEARCH & EXPERIMENTAL 24/112=21.43 % Times Cited: 18**)** **(SCI)** (Corresponding)

33. Hwang SC, **Lin C.-S.**, Chen IM, Wu JS; Removal of nitrogenous substances by *Aspergillus niger* in a continuous stirred tank reactor (CSTR) system. AQUACULTURAL ENGINEERING. 2007 Mar; 36: 177-183. (IF= 1.421; Subject Categories: AGRICULTURAL ENGINEERING 4/12=33.33 %; Times Cited:1) **(SCI)**

34. Hsu CH, Wen ZH, **Lin C.-S.**, Chakraborty C; The zebrafish model: use in studying cellular mechanisms for a spectrum of clinical disease entities. CURRENT NEUROVASCULAR

RESEARCH. 2007 May; 4(2): 111-20. (IF= 2.719; Subject Categories: CLINICAL NEUROLOGY 74/192=38.54 %; Times Cited:0) **(SCI)**

35. Jean YH, Chen WF, Duh CY, Huang SY, Hsu CH, **Lin C.-S.**, Sung CS, Chen IM, Wen ZH; 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*. EUROPEAN JOURNAL OF PHARMACOLOGY. 2008 Jan 14; 578(2-3):323-31. (IF= 2.516; Subject Categories: PHARMACOLOGY & PHARMACY 108/261=41.38 %; Times Cited: 31) **(SCI)**

36. **Lin Chan-Shing*;** Virus-like Particles of Fish Nodavirus. In: RH Cheng and T Miyamura (eds) Structure-based Study of Viral Replication. 2008; p449-462. (Coresponding)

37. Wu YM, Hsu CH, Wang CH, Liu W, Chang WH, ***Lin C.-S.**; Role of the DxxDxD motif in the assembly and stability of betanodavirus particles. ARCHIVES OF VIROLOGY. 2008; 153: 633-42. (IF= 2.111; Subject Categories: VIROLOGY 22/32=68.75 %; Times Cited: 4) **(SCI)** (Corresponding)

38. Chakraborty C, Hsu CH, Wen ZH, **Lin C.-S.**, Agoramoorthy G ; Zebrafish: a complete animal model for *in vivo* drug discovery and development. CURRENT DRUG METABOLISM. 2009 Feb; 10(2): 116-24. (IF= **5.113**; Subject Categories: PHARMACOLOGY & PHARMACY 18/261=6.90 %; Times Cited: 32) **(SCI)**

39. Chakraborty C, Sarkar B, Hsu CH, Wen ZH, **Lin C.-S.**, Shieh PC; Future prospects of nanoparticles on brain targeted drug delivery. JOURNAL OF NEURO-ONCOLOGY. 2009 Jun; 93(2): 285-6. (IF= 2.267; Subject Categories: ONCOLOGY 113/196=57.65 %; Times Cited:8) **(SCI)**

40. Chakraborty C, Hsu CH, Wen ZH, ***Lin C.-S.**; Anticancer drugs discovery and development from marine organism. CURRENT TOPICS IN MEDICINAL CHEMISTRY. 2009; 9(16):1536-45. (IF= 4.174; Subject Categories: CHEMISTRY, MEDICINAL 5/59= 8.47 %; Times Cited:5) **(SCI)** (Co-Corresponding)

41. Chakraborty C, Hsu CH, Wen ZH, ***Lin C.-S.**; Recent advances of fluorescent technologies for drug discovery and development. CURRENT PHARMACEUTICAL DESIGN. 2009; 15(30): 3552-70. (IF= 3.87; Subject Categories: PHARMACOLOGY & PHARMACY 46/261= 17.62 %; Times Cited: 6) **(SCI)** (Co-Corresponding)

42. Jean YH, Chen WF, Sung CS, Duh CY, Huang SY, **Lin C.-S.**, Tai MH, Tzeng SF, Wen ZH; Capnellene, a natural marine compound derived from soft coral, attenuates chronic constriction injury-induced neuropathic pain in rats. British Journal of Pharmacology, 2009 Oct; 158(3): 713-25. (IF= 4.409; Subject Categories: Pharmacology & Pharmacy

35/261= 13.41 %; Times Cited: 30) **(SCI)**

43. Horng JL, Hwang PP, Shih TH, Wen ZH, **Lin C.-S.**, Lin LY; Chloride transport in mitochondrion-rich cells of euryhaline tilapia (*Oreochromis mossambicus*) larvae. Am *J Physiol-Cell Physiol.* 2009 Oct; 297(4): C845-54. (IF= 3.536 Subject Categories Physiology 19/79 = 24.05 %; Times Cited: 10) **(SCI)**

44. Chakraborty C, Hsu CH, Wen ZH, Duh CY, **Lin C.-S.**; Drug discovery from marine resources. *Current Science* 2009; 97:292-293. (IF= 0.935 Subject Categories Multidisciplinary Science 18/56 = 32.14 %; Times Cited: 1) **(SCI)**

45. Wong CS, Wu GJ, Chen WF, Jean YH, Hung CH, **Lin C.-S.**, Huang SY, Wen ZH; N-Methyl-D-aspartate receptor antagonist d-AP5 prevents pertussis toxin-induced alterations in rat spinal cords by inhibiting increase in concentrations of spinal CSF excitatory amino acids and downregulation of glutamate transporters. Brain Res Bull. 2009 Aug 28; 80(1-2):69-74. (IF= 2.818; Subject Categories:Neuroscience 119/244 = 48.77 %; Times Cited: 1) **(SCI)**

46. Tang CH, **Lin C.-S.**, Wang WH; Metal accumulation in marine bivalves under various tributyltin burdens. *Environ Toxicol Chem.* 2009 Jul 16; 28(11): 2333–2340. (IF= 2.809; Subject Categories: Environtal Sciences 44/205 =17.6% 21.46) **(SCI)**

47. Chen WF, Sung CS, Jean YH, Su TM, Wang HC, Ho JT, Huang SY, **Lin C.-S.**, Wen ZH; Suppressive effects of intrathecal granulocyte colony-stimulating factor on excessive release of excitatory amino acids in the spinal cerebrospinal fluid of rats with cord ischemia: role of glutamate transporters. Neuroscience. 2010 Feb 17;165(4):1217-32. (IF= 3.38; Subject Categories Neuroscience 94/244 = 38.52 %; Times Cited: 4) **(SCI)**

48. Wu SC, Horng JL, Liu ST, Hwang PP, Wen ZH, **Lin C.-S.**, Lin LY; Ammonium-Dependent Sodium Uptake in Mitochondrion-Rich Cells of Medaka (*Oryzias latipes*) Larvae. *Am J Physiol-Cell Physiol.* 298; C237-C250, 2010. (IF= 3.536; Subject Categories: Physiology 19/79=24.05 %; Times Cited: 24) **(SCI)**

49. Shen-Long Howng, Chi-Ching Hwang, Chia-Yi Hsu, Meng-Yu Hsu, Chun-Yen Teng, Chia-Hua Chou, Mei-Feng Lee, Chia-Hung Wu, Shean-Jaw Chiou, Ann-Shung Lieu, Joon-Khim Loh, Chia-Ning Yang, **Chan-Shing Lin**, Yi-Ren Hong. Involvement of the residues of GSKIP, AxinGID, and FRATtide in their binding with GSK3*b* to unravel a novel C-terminal scaffold-binding region. Mol Cell Biochem 2010; 339:23–33. (IF= 2.057; Subject Categories: CELL BIOLOGY 131/181=72.38 %; Times Cited: 2) **(SCI)**

50. Chun-Hsiung Wang, Chi-Hsin Hsu, Yi-Min Wu, Yu-Chun Luo, Mei-Hui Tu, Wei-hau Chang, R. Holland Cheng, **Chan-Shing Lin*** . Roles of cysteines Cys115 and Cys201 in the assembly and thermostability of grouper betanodavirus particles. Virus Genes. 2010; 41:73–80. (IF= 1.845; Subject Categories: GENETICS & HEREDITY 106/158=67.09%;Times Cited: 2) (SCI) (Coresponding)

51.Ping-Jyun Sung, Gung-Ying Li, Yin-Di Su, Mei-Ru Lin, Yu-Chia Chang, Ting-Hsuan Kung, **Chan-Shing Lin,** Yung-Husan Chen, Jui-Hsin Su, Mei-Chin Lu, Jimmy Kuo, Ching-Feng Weng and Tsong-Long Hwang. Excavatoids O and P, New 12-Hydroxybriaranes from the Octocoral *Briareum excavatum* Mar. Drugs **2010**, 8, 2639-2646. (IF= 4.226; Subject Categories: TOXICOLOGY 11/83= 13.25 %)**(SCI)**

52. Chang, Y-C, I-C Huang, M Y-N Chiang, T-L Hwang, T-H Kung, **Chan-Shing Lin***, J-H Sheu, and P-J Sung. (2010) Briaviodiol A, a new Cembranoid from a Soft Coral Briareum violace. *Chem. Pharm. Bull.* 58(12) 1666—1668. (IF= 1.592; Subject Categories: CHEMISTRY, MULTIDISCIPLINARY 64/154= 41.56 %) **(SCI)** (Co-Corresponding)

53. Chakraborty, C., S S Roy, C-H Hsu, Z-H Wen and **Chan-Shing Lin***, (2010*)* Network Building of Proteins in a Biochemical Pathway: A Computational Biology Related Model for Target Discovery and Drug-Design *Current Bioinformatics, 5,* 290-295. (IF= 0.898; Subject Categories: MATHEMATICAL & COMPUTATIONAL BIOLOGY 38/47 = 80.85 %) **(SCI)** (Co-Corresponding) **(SCI)**

54. Chakraborty C*, Shah KD, Cao WG, Hsu CH, Wen ZH, **Lin CS***. (2010) Potentialities of induced pluripotent stem (ips) cells for treatment of diseases. Current Molecular Medicine 10(8):756-62. (IF=4.476; Subject Categories MEDICINE, RESEARCH & EXPERIMENTAL 16/112 = 14.29 %; Times Cited: 2) [PMID: 20937020] **(SCI)** (Co-corresponding Author)

55. Roy SS, Hsu CH, Wen ZH, **Lin CS**, Chakraborty C* (2010) Understanding hematopoietic stem cell mobility pattern through mathematics. *Rivista Di Biologia / Biology Forum* 103(2-3):172-80. (IF= 0.886; Subject Categories: BIOLOGY 67/85=78.82 %). **(SCI)**.

56. Roy SS, Hsu CH, Wen ZH, **Lin CS**, Chakraborty C* (2011) A hypothetical relationship between the nuclear reprogramming factors for induced pluripotent stem (iPS) cells generation-bioinformatics and algorithmic approach. *Medical Hypotheses* 2011 Apr;76(4):507-11 (IF= 1.15; Subject Categories: MEDICINE, RESEARCH & EXPERIMENTAL 83/112 = 74.11 %; Times Cited: 1). **(SCI)**

57. Chakraborty C, Hsu CH, Wen ZH, **Lin CS**, Agoramoorthy G*. (2011) Effect of caffeine, norfloxacin and nimesulide on heartbeat and VEGF expression of zebrafish larvae. *J. Environ. Biol.* 32, 179-183. (IF=0.64, Subject Categories: ENVIRONMENTAL SCIENCES 180/205= 92.68%; Times Cited: 0). **(SCI)**.

58. Shih-Yao Kao, Jui-Hsin Su, Tsong-Long Hwang, Jyh-Horng Sheu, Yin-Di Su, **Chan-Shing Lin**, Yu-Chia Chang, Wei-Hsien Wang, Lee-Shing Fang, Ping-Jyun Sung* (2011) Discovery

of novel sesquiterpenoids from a gorgonian *Menella* sp. *Tetrahedron*, 67(38), 7311-7315. doi:10.1016/j.tet.2011.07.043. (IF=3.025; Subject Categories: CHEMISTRY, ORGANIC 16/56= 28.57 %; Times Cited: 6) (September 2011) **(SCI)**

59.Lin, Ying-Rong, Chi-Wen Chiu, Feng-Yi Chang, and **Chan-Shing Lin*** (2012) Characterization of a new phage, termed □A318, infecting *Vibrio alginolyticus*. Arch Virol 157:917–926 (IF=2.111; Subject Categories: VIROLOGY 22/32= 68.75 %; Times Cited: 1) **(SCI)** (Corresponding)

60. Lin, Ying-Rong and **Chan-Shing Lin*** (2012) Genome-wide characterization of *Vibrio* phage □pp2 with unique arrangements of the *mob*-like genes. BMC Genomics 13:224-237. (IF=4.073; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 26/158= 16.46 %; Times Cited: 0) **(SCI)** (Corresponding)

61. Chakraborty, Chiranjib, Soumen Pal, C. George Priya Doss, Zhi-Hong Wen, **Chan-Shing Lin**. (2012) In Silico Analyses of COMT, an Important Signaling Cascade of Dopaminergic Neurotransmission Pathway, for Drug Development of Parkinson's Disease. Appl Biochem Biotechnol 167:845–860. (IF=1.943; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 84/158= 53.16 %; Times Cited: 0). **(SCI)**

62..Tsai, Chungwei, **Chan-Shing Lin** Wei-Hsien Wang* (2012) Multi-Residue Determination of Sulfonamide and Quinolone Residues in Fish Tissues by High Performance Liquid, Chromography-Tandem Mass Spectrometry (LC-MS/MS) Journal of Food and Drug Analysis, Vol. 20, 674-680. (IF=0.643 ; Subject Categories: FOOD SCIENCE & TECHNOLOGY 89/129= 68.99 %; Times Cited: 0) **(SCI)**

63. Wei-Hsuan Yen, Wu-Fu Chen, Ching-Hsiao Cheng, Chang-Feng Dai, Mei-Chin Lu, Jui-Hsin Su, Yin-Di Su, Yu-Hsin Chen, Yu-Chia Chang, Yung-Husan Chen, Jyh-Horng Sheu, **Chan-Shing Lin**, Zhi-Hong Wen, and Ping-Jyun Sung (2013) A New 5α,8α-Epidioxysterol from the Soft Coral *Sinularia gaweli*Molecules 2013, 18, 2895-2903; doi:10.3390/molecules18032895

64. Chiranjib Chakraborty, Soumen Pal, George Priya Doss. C, Zhi-Hong Wen, Chan-Shing Lin (2013) Nanoparticles as 'smart' pharmaceutical delivery. Frontiers in Bioscience (Landmark Ed) 18, 1030-1050. (IF= 3.95; #69/261 journals in Biochemistry & Molecular Biology.)

65. Wangta Liu, Ying-Rong Lin, Ming-Wei Lu, Ping-Jyun Sung, Wei-Hsien Wang, and **Chan-Shing Lin*** (2014) Genome sequences characterizing five mutations in RNA polymerase and major capsid of phages ϕA318 and ϕAs51 of ibrio alginolyticus with different burst

efficiencies BMC Genomics 2014, 15:505 doi:10.1186/1471-2164-15-505. (IF=4.04; Subject Categories: BIOTECHNOLOGY & APPLIED MICROBIOLOGY 26/158= 16.46 %)

66. Yu-Chun Luo, Chun-Hsiung, Wang, Yi-Min Wu, Wangta Liu, Ming-Wei Lu and **Chan-Shing Lin* (2014)** Crystallization and X-ray diffraction of virus-like particles from a piscine betanodavirus. 2014 Aug 1;70(Pt 8):1080-6. doi: 10.1107/S2053230X14013703. Epub 2014 Jul 23. IF=0.568 (Biophysics); 75/78 (BIOCHEMICAL RESEARCH METHODS); 280/291 (Biochemistry & Molecular Biology)

B. Conference Paper:

1. **Lin, Chan-Shing** and Henry C. Lim (1991) Kinetic Study of Recombinant Cells with Different Copies of a New Multiple Integration Vector. AICHE Annual Meeting, Los Angels.
2. **Lin, Chan-Shing** and Henry C. Lim. (1991) Utilizing the Difference in Transient Behavior of Recombinant and Nonrecombinant Cells to Improve CSTBR Operation. AICHE Annual Meeting, Los Angels.
3. **Lin, Chan-Shing** and Henry C. Lim (1992) Overproduction of cloned Gene by Bacteriophage Vector with Q-mutation. AICHE Annual Meeting, Miami.
4. Jie, Wei-Ban, **Chan-Shing Lin**, and Jong-Kang Liu. (1993) The Physiological and Ecological Studies of Epiphytic Marine Bioluminescent Bacteria. Chinese Society for Microbiology Annual Meeting, Taipei, p29.
5. Liu, Chia-Han, **Chan-Shing Lin**, and Jong-Kang Liu. (1993) The Studies of Cyanide-Degrading Metabolism on Cyanide-utilizing Bacteria. Chinese Society for Microbiology Annual Meeting, Taipei, p28.
6. **Lin, Chan-Shing**, J. K. Liu, C. J. Mao, I. D. Chang, S. H. Kao, C. H. Liu. (1994) Dynamic Interaction of Cyanide and Ammonia Utilization in Bioremediation of Cyanide-containing Waste Water. ASM Annual Meeting, Las Vegas, NV. p462.
7. Liu, J. K., C. H. Liu, **Chan-Shing Lin**. (1994) The role of Nitrogenase in a Cyanide-degrading *Klebsiella oxytoca* strain. ASM annual Meeting, Las Vegas, NV. p280.
8. Chen-Yu Chang, **Chan-Shing Lin**, Jong-Kang Liu. Physiological Studies on the Marine Luminous Bacteria. (1995) Chinese Soc. Microbiol. Annual Meeting, Taipei. P11.
9. Hsiu-Chin Wang, **Chan-Shing Lin**, Jong-Kang Liu. The effect of Manganese(II) on the Repair Efficiency Associated with Preferntial Repair in *Deinococcus radiodurans*. (1995) Chinese Soc. Microbiol. Annual Meeting, Taipei. P12.
10. **Lin, Chan-Shing** and Jong-Kang Liu (1995) Generalized Grazing Kinetics by Marine Zooplankton. COSPAR Colloquium, Taipei, R.O.C.

11. Liu, J-K, L. Y. Chen, **C.-S. Lin**, C. H. Hsu, and T. Y. Wong. (1995) Effects of Managanese(II) on the Metabolic Process of *Deinococcus radiodurans*. American Society for Microbiology Annual Meeting, Washington, DC. K18.
12. Lee, Fong-Tzy, **Chan-Shing Lin**, and Jong-Kang Liu. (1995) Comparison studies on the Glucose and Galactose Metabolisms of the *Azotobacter vinelandii*. Biology Annual Meeting, Taipei.
13. Chen, Li-Ying, **Chan-Shing Lin**, and Jong-Kang Liu. (1995) Effects of Mn(II) on the Sugar Metabolism of *Deinococcus radiodurans*. Biology Annual Meeting, Taipei.
14. 呂明偉、劉仲康、**林全信**。1996。大腸桿菌氫化酵素之選殖與其對生理的影響。中華民國微生物學年會。台北，中華民國。 CSM-4。
15. 王湘斐、**林全信**、劉仲康。1996。利用PCR偵測環境中的抗汞菌。中華民國微生物學年會。台北，中華民國。CSM-34。
16. **Lin, Chan-Shing** and Jong-Kang Liu. (1996) Osmotic Effects on the Growth of the Denitrifier, *Thiosphaera pantotropha*, under High Oxygen Concentration. American Society for Microbiology Annual Meeting, New Orlean, LA.
17. 李慶玲、**林全信**、王維賢、陳一鳴。1996。藻水濃度及光線對養殖池水氧氣增減之影響。臺灣省水產學會年會。台北。
18. 李慶玲、**林全信**、王維賢、陳一鳴。1996。氣溫變化對養殖池水水溫之影響。臺灣省水產學會年會。台北。
19. 呂明偉、劉仲康、**林全信**。1996。大腸桿菌氫化酵素之選殖與其對生理的影響。中華民國微生物學年會。台北，中華民國。CSM-4。
20. 呂明偉、劉仲康、**林全信**。1996。大腸桿菌氫化酵素之選殖與其對生理的影響。中華民國微生物學年會。台北，中華民國。CSM-4。
21. 簡琬莉、呂明偉、劉仲康、**林全信**。1997。大腸桿菌氫解酵素第二型大單元修飾的專一性研究。中華民國微生物學年會。台北，台灣，中華民國。 CSM-29。
22. 杜昌益、賈敏琦、王昀珩、**林全信**。1998。由海洋黴菌CL005所產生的phenazine類抗生素。海洋天然物研討會。高雄、臺灣。
23. **林全信**、王昀珩、賈敏琦、杜昌益。1998。利用海洋黴菌CL005生產iodinin抗生物質。海洋天然物研討會。高雄、臺灣。
24. 黃威球、**林全信**、劉仲康。1998。錳離子對耐輻射奇異球菌醣類代謝與紫外光抗性的影響。中華民國微生物學年會。台北，台灣，中華民國。CSM-5。
25. 林宏懋、**林全信**、劉仲康。1998。固氮菌*Azotobacter vinelandii*突變株Km5對葡萄糖與半乳糖代謝之探討。中華民國微生物學年會。台北，台灣，中華民國。CSM-65。
26. 李孟芝、張詠梅、王鐵頤、**林全信**、劉仲康。1998。耐輻射奇異球菌果糖雙磷酸醛縮脢的特性探討。中華民國微生物學年會。台北，台灣，中華民國。CSM-65。
27. 陳君麟、黃威球、**林全信**、劉仲康。1998。二價錳離子誘導耐輻射奇異球菌再次分裂生長之生理探討及其化學合成培養基之開發。中華民國微生物學年會。台北，台灣，中華民國。CSM-67。
28. 黃榮淵、張集昇、劉仲康、**林全信**。1998。表現磷酸聚合酵素在大腸桿菌能量供需上的影響。中華民國微生物學年會。台北，台灣，中華民國。CSM-74。

29. 王昀珩、賈敏琪、杜昌益、**林全信**。1998。Iodinin生產菌特性探討，中華民國微生物學年會。台北，中華民國。CSM-78。
30. 潘宗衛、**林全信**、呂明偉、陳一鳴，1998，以Mitochrondrial 16S rDNA, 探討甲殼類十足目各科之親緣關係，臺灣省水產學會，台北，中華民國，p63。
31. 呂明偉、劉旺達、**林全信**。1998。臺灣石斑與其他魚類神經壞死病毒外殼蛋白基因之比較，臺灣省水產學會，台北，中華民國，p149。
32. **C.-S. Lin**, M.W. Lu (1999) Sequence and expression of coat protein of *Epinephelus malabaricus* nervous necrosis virus. American Society for Microbiology Annual Meeting, Chicago.
33. **C.-S. Lin**, W. T. Liu (1999) The effects of environmental stress on virulence of nervous necrosis virus of *Epinephelus malabaricus*. American Society for Microbiology Annual Meeting, Chicago.
34. 黃榮淵、吳逸民、黃錫泉、劉仲康、**林全信**。1999。氧氣對遺傳工程菌聚磷作用的影響，第四屆生化工程研討會，嘉義，中華民國。
35. 黃錫泉、**林全信**、陳一鳴、陳俊明、尤瓊琦。1999。超集約循環養殖系統生物濾床之微生物動力學模式研究。農業機械論文發表會，嘉義，中華民國。P165-166。
36. 黃錫泉、**林全信**、陳一鳴、陳俊明、尤瓊琦、劉良宇。1999。高密度循環養殖系統生物濾床硝化菌之篩選與分析。農業機械論文發表會，嘉義，中華民國。P167-168。
37. 王俊雄、黃錫泉、王昀珩、劉仲康、陳一鳴、**林全信**。1999。生物濾床中黴菌的亞硝酸鹽去除能力探討，海洋資源開發與保育研討會，高雄，中華民國。
38. 鄭永志、王昀珩、蘇瑞欣、許志宏、**林全信**。1999。耐鹽黴菌Z37-1之抗生物質，海洋資源開發與保育研討會，高雄，中華民國。
39. 游佳瑜、呂明偉、池音音、**林全信**。1999。石斑魚病毒防毒劑之開發，海洋資源開發與保育研討會，高雄，中華民國。
40. 王世宏、王昀珩、劉仲康、**林全信**。1999。耐鹽黴菌W-2之抗生物質研究，海洋資源開發與保育研討會，高雄，中華民國。
41. 顏孟畿、王昀珩、劉仲康、**林全信**。1999。探討耐鹽黴菌T1-1之生長條件及其抑菌物質，海洋資源開發與保育研討會，高雄，中華民國。
42. 潘宗衛、呂明偉、陳勇輝、**林全信**、陳一鳴。1999。毛蝦粒腺體DNA的分析及差異，臺灣省水產學會，高雄，中華民國，p193。
43. 呂明偉、劉旺達、林君茹、**林全信**。1999。石斑神經壞死病毒基因的變異，臺灣省水產學會，高雄，中華民國 ，p123。
44. 黃錫泉、**林全信**、陳一鳴。2000。高密度循環水養殖系統生物濾床用菌Aspergillus niger NBG5之利用各種氮源反應動力學。第五屆生化工程研討會。台南，台灣，中華民國。
45. 陳冠妏、**林全信**、劉仲康。2000。耐輻射奇異球菌果糖雙磷酸醛縮脢基因之選殖、序列分析與表現。中華民國微生物學年會。台北，台灣，中華民國。p.54。
46. Mingwei Lu, I-ming Wu, **Chan-Shing Lin**. (2001) Sequencing and expression of DGNNV (*Epinephelus lanceolatus*) coat protein. International Marine Biotechnology Symposium p43.
47. 黃錫泉、**林全信**、陳一鳴、陳俊明、劉良禹。2001。循環水養殖系統中生物濾床除氨絲狀菌之基質利用特性研究。第六屆生化工程研討會。中壢，台灣，中華民國。

48. Wangta Liu, Ming-Wei Lu, **Chan-Shing Lin**. (2003) The Capsid Protein of Dragon Grouper Nervous Necrosis Virus. PACON 2003 Proceedings. Honolulu, Hawaii: International. CD-ROM. pp. 22
49. 張瓊尹，**林全信**。2004。神經壞死病毒似病毒顆粒於石斑魚免疫效力之研究。台灣水產學會九十三年度會員大會暨學術論文發表會。台北，台灣，中華民國。
50. 吳逸民，邱莉璇，**林全信**。2004。龍膽石班神經壞死病毒之似病毒顆粒於免疫力價之研究。台灣水產學會九十三年度會員大會暨學術論文發表會。台北，台灣，中華民國。
51. Yi-Min Wu and **C.-S. Lin**. (2005). Role of Metal Ion-mediated Dissassembly and Reassembly of Virus-Like Particles of Dragon Grouper Nervous Necrosis Virus. The 105th General Meeting of American Society for Microbiology, Atlanta. T-002.
52. Liu, W. and **Lin, C.-S**. (2005). DGNNV VLPs Binds to SSN-1 Cell Surface Sialic Acid through a Charge-Dependent Interaction. XIII International Congress of Virology. San Francisco. V-535.
53. **Lin, C.-S.** and YY Chen. (2006) Development of Offshore Cage Aquaculture in Taiwan. Taiwan-Canada Symposium on Energy Development And Environmental Protection Technology, Ottawa, August 19-20, 2006
54. 施臻儒、徐基新、**林全信**、溫志宏、 Chiranjib Chakraborty。(2006)基因治療模式生物：斑馬魚基因轉殖研究。台灣水產學會九十五年度會員大會暨學術論文發表會。台北，台灣，中華民國。
55. C-H. Wang, Y-M. Wu, R. H. Cheng, **C.-S. Lin.** (2008) The Protrusion Domains and the Putative Binding Motifs of the Grouper Nervous Necrosis Virus (GNNV) American Society for Microbiology Annual Meeting, Boston.
56. M-H. Tu, C-l. Hsiao, Y-Y. Lai, C-H. Wang, J-R. Shih, Y-C. Luo, Z-H. Wen, C-H. Hsu, F-Y. Chang, C-W. Chiu, **C.-S. Lin**. (2009) Tetracycline and beta-Lactam Resistance Genes in the Bacteria from Aquaculture Farms in Southern Taiwan. American Society for Microbiology Annual Meeting, Philadelphia.
57. Lin, Y-R and C.-S. Lin. (2012) Multiple *Vibrio* Phages Used in Aquaculture to Control the Antibiotic Resistance Strains. DRUG RESISTANCE CONFERENCE, Stonehill College, Easton, Massachusetts, USA
58. Y-T Lo and C. S. Lin. (2012) Crystallization and X-ray diffraction of virus-like particles of a grouper betanodavirus. OMICS Group 2nd World Congress on Virology , Las Vegas, NV, USA