

本系專任教師著作目錄

姓名	陳繁興	職 級	教授
<p>■ 學術期刊論文：</p>			
<p>Chen, J. F., Warden, C. A., Tai, W. S., Chen, F. S., & Chao, C. Y. (2011). Level of abstraction and feelings of presence in virtual space: Business English negotiation in Open Wonderland. <i>Computers & Education</i>, 57(3), 2126-2134. ISSN: 0360-1315. (SSCI)</p>			
<p>Lin, S. C., Chang, H. T., Chen, F. S., & Lin, Y. M. (2011). Study on the Effects of Transformational Leadership by Managers and Organizational Justice Consciousness on Organizational Citizenship Behavior—High-tech Electronics Industry in Taiwan. <i>African journal of business management</i>, 5(7), 2930-2941. ISSN 1993-8233</p>			
<p>Lin, Y. M., & Chen, F. S. (2010). A stress coping style inventory of students at universities and colleges of technology. <i>World Transactions on Engineering and Technology Education (WTE&TE, UICEE)</i>, 8(1), 67-72. ISSN: 1446-2257. (國科會2.4級期刊)</p>			
<p>Chen, F. S., Chou, H. W., & Lee, <u>M. C.</u> (2009) . The Effect of Leadership Training for Vocational High School Students: Courses Based on David Hutchens’s Learning Fable Series. <i>The International Journal of Learning</i>, 16(8), pp.461-472, ISSN: 1447-9494.</p>			
<p>Lin, C.S.; Chen, F. S. , Chen, C. T., Chien, F. C. & Chuang, C. Y. (2009). An Evaluation Model of Teaching quality Based on Computing with Linguistic Variables. <i>The International Journal of Learning</i>, 16(9), pp.103-116, ISSN: 1447-9494</p>			
<p>Liao, C. W., Chen, F. S. and Chen,T. H. (2009). Analyzing Effectiveness of School Education Management Focus on Invested Resources to Private Universities’ Students with Six Sigma. <i>The International Journal of Learning</i>, Vol 16(5), pp.539-547, ISSN: 1447-9494.</p>			
<p>Lin, Y. M., & Chen, F. S.. (2009). Academic stress inventory of students at universities and colleges of technology. <i>World Transactions on Engineering and Technology Education (WTE&TE, UICEE)</i>, 7(2), 157-162. ISSN: 1446-2257. (國科會 2.4 級期刊)</p>			
<p>Lin, Y. M., Lin, S. C., Wang, M. Y., Chen, F. S. (2009). What causes the academic stress suffered by students at universities and colleges of technology? <i>World Transactions on Engineering and Technology Education (WTE&TE, UICEE)</i>, 7(1), 77-81. ISSN: 1446-2257 (國科會 2.4 級期刊)</p>			
<p>Chang, T. C., Chang, C. L., Su, Y. L. & Chen, F. S. (2009). Enhancing the English learning effectiveness of 8th grade students using an online interactive English system. (<i>WTE&TE, UICEE</i>), 6(1), 53-58. ISSN: 1446-2257 (國科會2.4級期刊)</p>			
<p>Chen, F. S., Wang, M. Y., & Lin, Y. M. (2008). The Development of a Learning Disturbances Inventory for Adolescents. <i>The Journal of American Academy of Business, Cambridge</i>, 13(2), 138-142. ISSN: 1540 – 1200. (PROQUEST, ABI)</p>			

Chen, F. S., Chou, H. W., & Tu, C. A. (2008): Exploring the Training Process and Personal Traits of Excellent Competitors Using Grounded Theory: An Example of Electrical Engineering Cluster Students. *The International Journal of Learning*. Vol15, 2008. ISSN: 1447-9494.(NSC 95-2516-S-018-006-MY2)

■ 學術研討會論文：

Chen, F. S., Cheng, I, C. (2011). Study on Required Verbal and Communication Capabilities for Electrical Engineering Technology Students in Higher TVE System in Taiwan. *Learning 2011: The Eighteenth International Conference on Learning*. Port Louis, Mauritius.

陳繁興、史水德、侯明賢、陳錫輝 (2011)組織計畫與策略SWOT分析:以俄亥俄州美國華人專家協會為例。第十二屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十二屆提昇技職教育品質管理研討會」,彰化。

鄭依佳、陳珮樺、陳木柱、陳繁興 (2011):高級職業進修學校教師教學滿意度之研究-以中部地區為例。第十二屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十二屆提昇技職教育品質管理研討會」,彰化。

鄭依佳、陳珮樺、陳木柱、鄭友超、陳繁興 (2011):高級職業進修學校學生學習滿意度之研究-以中部地區為例。第十二屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十二屆提昇技職教育品質管理研討會」,彰化。

陳繁興、王銘煜、廖文靖 (2010):高級工業職業學校電機類科教師專業學習社群發展之研究。第十一屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十一屆提昇技職教育品質管理研討會」,彰化。

陳繁興、黃鴻賓、嚴升、曾建凱、郭軒宏 (2010, 4月):高職工科實施安全衛生管理對學校之重要性探討。第十一屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十一屆提昇技職教育品質管理研討會」,彰化。

陳繁興、歐陽慎、鄭依佳 (2010, 4月):就業職場所需人際溝通之能力探討:以機械製造業為例。第十一屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十一屆提昇技職教育品質管理研討會」,彰化。

陳瑞梅、陳繁興、張朝旭 (2010, 4月):導入顧客關係管理系統與提昇績效之實證研究:以建國科技大學為例。第十一屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十一屆提昇技職教育品質管理研討會」,彰化。

陳繁興、莊佳瑜、杜佳安、林靜珊 (2009, 4月):工程及科技教育認證 (IEET) 導入之研究。第十屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十屆提昇技職教育品質管理研討會」,彰化。

陳繁興、陳榮鴻、黃鴻賓 (2009, 4月):高職電機科學生實施能源教育之重要性探討。第十屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第十屆提昇技職教育品質管理研討會」,彰化。

鍾萬生、徐賜珍、陳繁興 (2008):高職校長魅力領導行為與領導效能關係之研究。第九屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第九屆提

昇技職教育品質管理研討會」，彰化。16-24

陳定宏、陳繁興 (2008)：新興科技綠色屋融入高職課程發展能力指標之建構。第九屆提升技職學校經營品質研討會論文集。論文發表於國立彰化師範大學主辦「第九屆提昇技職教育品質管理研討會」，彰化。122-130

姓名	張菽萱	職 級	教授
學術著作 (請依國科會之分類條列)			
(A) 期刊論文(*代表corresponding author)			
1. Wu, T.-C., Chang, Shu-Hsuan, Shu, C.-M., Chen, C.-T., & Wang, C.-P. (2011). Safety leadership and safety performance in petrochemical industries: The mediating role of safety climate. <i>Journal of Loss Prevention in the Process Industries</i> , **, ****. (Accepted 28 April 2011, Published on line) (SCI, Impact Factor = 0.726, Rank 82/134 =61%)			
2. Chang, Shu-Hsuan*, M.-R. Huang, Tseng, H.-E., Jiang, Y.-C., & You, L.-C. (2011). Decision support model for employee selection: a strategic HRM perspective. <i>African Journal of Business Management</i> , **, ****. (Accepted 17 March 2011) (NSC NSC 94-2516-S-018-014) (2009 SSCI, Impact Factor = 1.105, Rank = 45%)			
3. Chang, Shu-Hsuan*, Chen, M.-L., Kuo, Y.-K., & Shen, Y.-C. (2011). A simulation-based LED device design project in photonics instruction based on industry-university collaboration. <i>IEEE Transactions on Education</i> , **, ****. (Accepted 15 November 2010 and published on line) (NSC 95-2516-S-018-001-MY3) (SCI, 2010 Impact Factor = 1.157, Ranked = 43%)			
4. Kang, T.-L., Chang, Shu-Hsuan*, Yang, L.-J., & Huang, S.-K. (2010, February)。Development of Chinese leadership model: An empirically based theory (以英文發表)。教育政策論壇，13 (1)，115-142。(TSSCI) (NSC 98-2918-I-018-001)			
5. 張菽萱、古艾巧、俞力強、蘇育民 (2010)。高職學生實作技能學習之後設認知研究—以電子實習課程為例。技職教育期刊，1 (2)，51-70。			
6. Chen, H.-S., Chang, Shu-Hsuan*, Yang, L.-J., Wang, S.-L., & Tseng, H.-E. (2011). Strategic alliance partner selection for intellectual property technology service industry: Analytical Network Process. <i>International Journal of Industrial Engineering - Theory Applications and Practice</i> , **, ****. (Accepted 10 September 2010) (NSC 94-2516-S-018-014) (EI)			
7. Chang, Shu-Hsuan*, Su, Y.-J., Wang, S.-L., Yang, L.-J., and Tseng, H.-E. (2011). The application of Analytic Network Process to decision support for media selection. <i>International Journal of Industrial Engineering - Theory Applications and Practice</i> , **, ****. (Accepted 10 September 2010) (NSC 94-2516-S-018-014) (EI)			
8. Tu, C.-C. (指導學生), Chang, Shu-Hsuan, Tu, C.-J., & Lee, C.-H. (2011). Study of the performance of reverse logistics for supply chain management. <i>Industrial Engineering and Engineering Management</i> , 978-1-4244-8502-4. (EI)			
9. Tu, C.-C. (指導學生), Huang, Y.-P., & Chang, Shu-Hsuan (2010, September). Constructing a scale of the undergraduates' learning adaptation, Self-regulated learning strategy and learning effect: take Y institute of technology as an example. <i>Yu Da Academic Journal</i> , 24, 33-56.			
10. Kuo, Y.-K., Horng, S.-H., Tsai, M.-C., Yen, S.-H., & Chang, Shu-Hsuan (2010). Effect of normal and reversed polarization on optical characteristics of ultraviolet-violet InGaN laser diodes. <i>Optics</i>			

Communications, 283(19), 3698-3702. (NSC 95-2516-S-018-001-MY3) (SCI, 2008 Impact Factor = 1.552, Ranked = 36%)

11. Chang, Shu-Hsuan, Tsai, M.-C., Yen, S.-H., Chang, S.-J. and Kuo, Y.-K.* (2010, January). Numerical simulation on high-efficiency GaInP/GaAs/InGaAs triple-junction solar cells, Proceedings of SPIE, 7597. (NSC 95-2516-S-018-001-MY3) (EI)

12. Shen, Y.-C. (張菽萱指導學生), Chang, Shu-Hsuan, Lin, T.-R., & Yu, H.-C. (2010). A hybrid selection model for emerging technology. Technological Forecasting and Social Change, 77, 151-166. (NSC 95-2516-S-018-001-MY3) (SSCI, Impact Factor = 1.776, Ranked = 9%, 被引用6次)

13. Tsai, M.-C., Yen, S.-H., Chang, Shu-Hsuan & Kuo, Y.-K.* (2009). Effect of spontaneous and piezoelectric polarization on optical characteristics of ultraviolet AlGaInN light-emitting diodes. Optics Communications, 282(8), 1589-1592. (SCI, 2008 Impact Factor = 1.552, Ranked = 37%) (NSC 95-2516-S-018-001-MY3)

14. 黃清欣、張菽萱*、楊禮仁 (2009)。家事專家調解委員評選之研究。台北市立教育大學學報，40 (1)，55-90。

15. Chang, Shu-Hsuan, Wen, C.-Y., Huang, Y.-H., & Kuo, Y.-K.* (2009, January). Numerical simulation on white OLEDs with dotted-line doped emitting layers, Proceedings of SPIE, 7213, 72131J-1-72131J-8. (EI) (NSC 95-2516-S-018-001-MY3)

16. Chang, Shu-Hsuan* & Tseng, H.-E. (2008). Fuzzy TOPSIS decision method for configuration management. International Journal of Industrial Engineering - Theory Applications and Practice, 15 (3), 304-313. (NSC 94-2516-S-018-014) (SCI, Impact Factor = 0.123, Rank = 97%)

17. Cheng, M.-S., Chang, Shu-Hsuan*, Lee, C.-M., & Yang, L.-J. (2008). Development and evaluation for project-based learning with web-based peer assessment - A Case for Digital Logic Laboratory Course in Vocational High School. Journal of Technological and Vocational Education, 2(2), 3-29. (NSC 95-2516-S-018-001-MY3)

18. 謝豐吉、張菽萱*、李志民 (2008)。先備知識與網路同儕互評系統對專題導向學習之學習成效影響。工業教育與技術學刊，33，1-18。

19. Tu, C.-C., Chen, R.-S., & Chang, Shu-Hsuan (2008, December). Determinants of parents' consideration about the information education for young children. Yu Da Academic Journal, 17, 117-144.

20. Chang, Shu-Hsuan* & Yang, C.-H. (2007, August). Numerical simulation of top-emitting organic light-emitting diodes with electron and hole blocking layers, Proceedings of SPIE, 6655, 66551S-1 - 66551S-8. (EI) (NSC 95-2516-S-018-001-MY3)

21. Chen, M.-L., Yang, C.-H., Wen, C.-Y., Chang, Shu-Hsuan, & Kuo, Y.-K.* (2007, August). Numerical simulation of bright white multilayer organic light-emitting diodes, Proceedings of SPIE, 6655, 66551T-1 - 66551T-8. (EI) (NSC 95-2516-S-018-001-MY3)

22. Chang, Shu-Hsuan*, Yang, Y.-L., & Shen, Y.-C. (2007). Construction of student selection tool for technology-based entrepreneurship education program. International Journal of Technology and Engineering Education, 4 (1), 15-25. (國科會應用科學教育學門推薦3.1級期刊) (NSC-93-2516-S-018-011)

23. Chang, Shu-Hsuan*, Yang, Y.-L., & Shen, Y.-C. (2007). Competency index construction for employee of intellectual property technology service industry. Journal of Human Resource

Management, 7(2), 27-48. (NSC 94-2516-S-018-014)

24. Chang, Shu-Hsuan*, Pan, L.-S., Huang, S.-K., & Li, C.-M. (2007). Intellectual capital, competitive strategy and balanced scorecard based on strategic planning process: A study of e-banking channels selection decision for financial service industry. *Journal of Industrial Education and Technology*, 31, 21-35. (NSC 94-2516-S-018-014)

25. Chang, Shu-Hsuan*, Chen, J.-R., Lee, C.-H., & Yang, C.-H. (2006, October). Effects of built-in polarization and carrier overflow on InGaN quantum-well lasers with AlGaN or InAlGaN electronic blocking layers. *Proceedings of SPIE*, 6368, 636813-1 - 636813-10. (EI)(NSC 95-2516-S-018-001-MY3)

26. Liou, B.-T., Yen, S.-H., Yao, M.-W., Chen, M.-L., Kuo, Y.-K., & Chang, Shu-Hsuan (2006, October). Numerical study for 1.55- μm AlGaInAs/InP semiconductor lasers with compensated tensile strain in barriers. *Proceedings of SPIE*, 6368, 636814-1 - 636814-10. (EI)(NSC 95-2516-S-018-001-MY3)

27. Chang, Shu-Hsuan*, Chang, Y.-C., Yang, C.-H., Chen, J.-R., & Kuo, Y.-K. (2006, February). Numerical simulation of optical and electronic properties for multilayer organic light-emitting diodes and its application in engineering education. *Proceedings of SPIE*, 6134, 187-196. (EI)(NSC 95-2516-S-018-001-MY3)

28. Chang, Shu-Hsuan*, Yen, S.-Y., Yang, Y.-L., & Hu, H.-L. (2006). Corporate venture mode selection decision for printed circuit board industry. *Journal of Industrial Education and Technology*, 30, 1-22. (NSC 94-2516-S-018-014)

29. Tseng, H.-E., Chang, C.-C., & Chang, Shu-Hsuan (2005). Applying case-based reasoning for product configuration in mass customization environments. *Expert Systems with Applications*, 29 (4), 913-925. (SCI, Impact Factor = 1.177, 被引用12次) (NSC- 92-2516-S-018-016; NSC-93-2516-S-018-011)

30. 張菽萱*、黃美睿 (2005)。知識分享與創意激發相關因素之探討：以台灣廣告業為例。親民學報，11，185-196。(NSC- 92-2516-S-018-016)

31. Chang, Shu-Hsuan*, Wu, C.-A., Li, C.-M., & Xu, Y.-S. (2005). The Study of technology commercialization strategy and its implications on industrial education: An example of development from thermal technology to heat exchanger. *Journal of Industrial Education and Technology*, 29, 87-102. (NSC-93-2516-S-018-011)

32. Chang, Shu-Hsuan* & Pan, L.-S. (2005). The development of the tool for the competence-based curriculum design : An application of fuzzy Analytic Hierarchy Process and Quality Function Development. *Journal of Industrial Education and Technology*, 28, 17-37. (NSC-93-2516-S-018-011)

33. Chang, Shu-Hsuan* & Tung, C.-H. (2004). 應用模糊層級分析法建構流通業管理人員之遴選工具. *Journal of Quantitative Management*, 1 (2), 259-280. (NSC- 92-2516-S-018-016)

34. Kang, T.-L., & Chang, Shu-Hsuan* (2001). Development of a three-dimensional leadership model in technological and vocational education in Taiwan. *Global Journal of Engineering Education*, 5 (2), 139-146. (國科會應用科學教育學門推薦3.1級期刊)

35. 康自立、蘇國楨、張菽萱、許世卿 (2001)。我國技職院校主管領導行為量表之發展。人力資源管理學報，1 (3)，43-57。(TSSCI)

36. 康自立、蘇國楨、張菽萱、許世卿 (2001)。中國式領導模式的發展及其在技職院校之應

- 用研究。教育研究集刊，47，133-153。(TSSCI)
37. 張菽萱 (1998)。壽險市場消費行為之研究。南開學報，3，255-267。
38. 張菽萱、陳聰浪、洪清鏈、許聰俊 (1997)。高工建教訓合作教育方案之評估研究。南開學報，2，371-383。
39. 張菽萱、陳聰浪、洪清鏈、許聰俊 (1997)。企業人力資源主管在職訓練需求之研究。南開學報，2，265-275。
40. 康自立、張菽萱*、陳聰浪 (1996)。專科學校教師對「績優專科學校改制為技術學院的態度及其輔導策略」。教育研究資訊，4 (5)，42-55頁。(TSSCI觀察名單)
41. Chang, Shu-Hsuan (2010). Development of Entrepreneurship Program for Higher Education: A Resource-based Perspective. (submitted) (TSSCI)
42. Chang, Shu-Hsuan (2010). 不同認知風格小組之互動形態對學生學習成效影響之研究(in preparation)。
43. 張菽萱 (2010)。創業潛能的概念建構與測量工具發展。(submitted) (TSSCI)
44. 張菽萱 (2010)。台灣大專學生創業意向之實證研究。(submitted) (TSSCI)
45. 許焯立、張菽萱、楊禮仁 (2010)。建構銀行業理財專員之遴選工具。台北市立教育大學學報。(Submitted)
46. 張菽萱、游禮志、陳錦埴 (2011)。美國與臺灣創業教育之比較研究。(submitted) (TSSCI)
47. Ku, A.-C. (指導學生), Chang, Shu-Hsuan*, Huang, Y.-M., Wu T.-C. (2011). Effect of stimulus fading strategy combined with pedagogical agent on functional vocabulary learning in moderately retarded students. (submitted) (SSCI)
48. Chang, Shu-Hsuan*, Wu, T.-C., Kuo, Y.-K., You, L.-C. (2011). Project-Based Learning with an Online peer assessment system in a Photonics Instruction for Enhancing LED Device Design Skills. (submitted) (SSCI)
49. Chang, Shu-Hsuan*, Wu, T.-C., You, L.-C., Kuo, Y.-K. (2011). Promoting Project-Based Learning in a Simulation-Assisted Environment through TQM: A Case of OLED Design Project(in preparation) (SSCI)
50. 游源忠、張菽萱 (2011)。我國公立高級中等學校教師介聘制度實務探討。(submitted) (B) 研討會論文
1. Chang, Shu-Hsuan, Ku, A.-C. & Yu, L.-C. (2011, January). Analyzing practical skills of vocational school students in metacognition – A case study of electronic practice course in Taiwan. Paper presented at 2nd WIETE Annual Conference on Engineering and Technology Education (2011 WIETE), Pattaya, Thailand.
2. Chang, Shu-Hsuan, Chen, M.-L., Kuo, Y.-K., & Shen, Y.-C. (2010, September). Project-based course development for enhancing the skills of photonics device design, Paper presented at Joint International IGIP-SEFI Annual Conference 2010, 19–22, Trnava, Slovakia.
3. Chien-Che Huang; Menz-Ru Huang; Shu-Hsuan Chang; Rwei-Guo Chung (2010, May). Quality improvement of on-job-training: Using DEA method. Paper presented at 2010 International Symposium on computer Communication control and automation (3CA), Tainan, Taiwan.
4. Tu, C.-C., Chen, R.-C., Chang, Shu-Hsuan (2010/01) . The Study of Parents' Attitudes towards Computer-based Learning for Young Children in Taiwan. Paper presented at The 2010 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and

e-Technology, Macau.

5. 簡曉芸、張菽萱 (2010)。混成式學習趨勢下一人力資源發展專業人員應具備能力之探討。論文發表於大葉大學企管系主辦之「2010當代管理論壇 研討會」,彰化。載於羅世輝(主編), 2010當代管理論壇論文集(中冊)。
6. Lou, S.-J., Diez, C. R., Hsiao, H.-C., Wu, W.-H., & Chang, Shu-Hsuan (2009, June). A study of the changes of attitude toward stem among senior-high-school girls in Taiwan. Paper presented at 2009 ASEE Annual Conference, Texas, U.S.A.
7. Yang, L.-J., Chang, Shu-Hsuan, Chung, M.-F., & Wang, S.-L. (2008, November). Analysis of operation efficiency for the sports appliance manufacturing industry in Taiwan. Paper presented at the 4th conference of Asia Association for Sports Management, Bangkok, Thailand.
8. 杜佳靜、梁滄郎、張菽萱(2009)。高等技職校院教師評鑑之實踐反思—以一所技術學院為例。論文發表於國立彰化師範大學工業教育與技術學系主辦之「第十一屆提昇技職學校經營品質研討會」,彰化。
9. 鍾瑞國、張菽萱、黃健哲、黃孟儒、黃舒楷(2009)。我國企業訓練品質之探討—資料包絡分析法之運用。中華民國品質學會第四十五屆年會品質管理實務研討會,台北:台大集思會議中心。
10. 楊禮仁、王淑苓、張菽萱(2008, 10月)。台灣運動用品製造業整體生產力評估之研究。載於國立彰化師範大學企業管理學系舉辦之「全球服務科學管理理論與實務」學術研討會論文集,彰化。
11. 張菽萱、楊禮仁、王淑苓、黃舒楷(2008, 10月)。應用模糊層級程序分析法探討企業教育訓練委外因素之研究。載於國立台灣師範大學國際人力教育與發展研究所舉辦之「國際人力教育與發展」學術研討會論文集,台北。
12. 張菽萱、楊禮仁、王淑苓、黃舒楷、陳文義(2008, 5月)。國內運動用品製造業經營效率之研究。載於國立台灣體育大學休閒產業經營學系舉辦之「國際運動休閒管理」學術研討會論文集(頁98-102),桃園。
13. 張菽萱、楊禮仁、王淑苓、黃舒楷、李志民(2008, 5月)。探討以專利或營業秘密保護智慧財產因素之研究。論文發表於私立開南大學企業與創業管理學系主辦之「創業成長暨企業經營管理」學術研討會,桃園。
14. 傅傳仁、張菽萱、楊禮仁、王淑苓(2008)。學習風格與同儕互評對專題式導向學習成效之研究。論文發表於國立彰化師範大學工業教育與技術學系主辦之「第九屆提昇技職學校經營品質研討會」,彰化。(NSC 95-2516-S-018-001-MY3)
15. 張菽萱、黃舒楷、蔡宜君、李志民(2007)。以象徵符號理論觀點探討虛擬團隊溝通模式對團隊承諾之影響。論文發表於逢甲大學科技管理研究所主辦之「2007 中華民國科技管理學會年會暨論文研討會」,台中。(NSC 95-2516-S-018-001-MY3)
16. Huang, C.-C., Chang, Shu-Hsuan, Chen, T.-S., Cheng, H.-Y. & Lin, Y.-C. (2007, July). Performance of on-the-job training: Empirical study using clustering-launched classification calculating method. Paper presented at the Sixth International Conference on Information and Management Sciences (IMS2007), Lhasa, Tibet, China. (NSC 93-2516-S-018-011)
17. Chang, Shu-Hsuan, Shen, Y.-C., & Wu, C.-A. (2006, June). Technology commercialization strategy selection: Analytical network process approach. Paper presented at the 36th CIE Conference on Computers & Industrial Engineering, Taipei, Taiwan. Full manuscript is published in Conference

Proceedings of Computers & Industrial Engineering. (NSC-94-2516-S-018-014)

18. 張菽萱、沈永祺、周玉茹 (2006)。平面顯示器產業自有品牌策略評選決策模式之研究。論文發表於國立政治大學科技管理研究所主辦之「2006中華民國科技管理學會年會暨學術論文研討會」，台北。(NSC 94-2516-S-018-014)
19. Lee, C.-H., Chen, J.-R., Kuo, Y.-K., Chang, Shu-Hsuan, & L., B.-T. (2006, December), Influence of built-in polarization on electronic blocking layers for InGaN quantum-well lasers. Paper presented at Photonics Taiwan 2006 (國立清華大學光電工程研究所主辦之「2006年台灣光電科技研討會」, paper 129), Hsin-Chu, Taiwan. (NSC 95-2516-S-018-001-MY3)
20. 楊政鴻、張菽萱、劉柏挺、郭艷光 (2006, 12月)。多層異質結構電洞注入層有機發光二極體之模擬與特性探討。論文發表於國立清華大學光電工程研究所主辦之「2006年台灣光電科技研討會」, paper 124, 新竹。(NSC 95-2516-S-018-001-MY3)
21. Chang, Shu-Hsuan, & Yen, S.-Y. (2005, December). The development of entrepreneurial potential instrument and the application in entrepreneurial education in R.O.C. Paper presented at the 2nd North-East Asia International Conference on Engineering and Technology Education (國立彰化師範大學工業教育與技術學系所舉辦之「第二屆東北亞國際工程與技術教育研討會」), Changhua, Taiwan. Full manuscript is published in NEA Conference Proceedings (edited by Huey-Por Chang, Wen-Shung Tai, and Zenon J. Pudlowski), pp. 83-91. (NSC- 92-2516-S-018-016)
22. Chang, Y.-C., Yang, C.-H., Horng, L.-D., Kuo, Y.-K., Chang, Shu-Hsuan, & Liou, B.-T. (2005, December). Effect of hole blocking layer on the characteristics of organic light-emitting diodes. Paper presented at Photonics Taiwan 2005 (國立成功大學光電科學與工程研究所主辦之「2005年台灣光電科技研討會」, paper PA-FR1-066), Tainan, Taiwan. (NSC 95-2516-S-018-001-MY3)
23. 張菽萱、吳鎮安、李志民、許永松 (2005, 11月)。技術商品化決策模式建構之研究—ANP之應用。論文發表於國立台北科技大學工業工程與管理系主辦之「2005年科技管理學術研討會」, 台北。(NSC 93-2516-S-018-011)
24. 張菽萱、吳鎮安 (2005, 10月)。3C流通業管理人員選用之研究—ANP之應用。載於國立台中技術學院主辦之「流通與全球運籌」研討會論文集 (流通策略管理組), 台中。(NSC 93-2516-S-018-011)
25. 張菽萱、鄒芳肇 (2005, 10月)。我國3C流通業管理人員訓練課程發展之研究。載於國立台中技術學院主辦之「流通與全球運籌」研討會論文集 (流通策略管理組), 台中。(NSC 93-2516-S-018-011)
26. Chang, Shu-Hsuan (2005, June). A study on the required professional competency of distribution managers in R.O.C. Paper presented at the 9th Baltic Region Seminar on Engineering Education, Gdynia, Poland. Full manuscript is published in UICEE Seminar Proceedings (edited by Zenon J. Pudlowski, Romuald Cwilewicz, and Józef Lisowski), pp. 85-88. (NSC- 92-2516-S-018-016)
27. 張菽萱、陳慧書、黃美睿、董志浩 (2004, 4月)。創業潛能模式建構之初探性研究。論文發表於國立彰化師範大學工業教育與技術學系主辦之「第五屆提昇技職學校經營品質研討會」, 彰化。論文全文刊登於「第五屆提昇技職學校經營品質研討會論文集」, pp. 409-418. (NSC-92-2516-S-018-016)
28. 張菽萱、董志浩 (2004, 4月)。我國流通業管理人員專業能力分析—產學意見之比較研究。論文發表於國立彰化師範大學工業教育與技術學系主辦之「第五屆提昇技職學校經營品質研討會」, 彰化。論文全文刊登於「第五屆提昇技職學校經營品質研討會論文集」, pp. 323-332. (NSC

90-2511-S-275-001)

29. 張菽萱、曾懷恩 (2003)。以Fuzzy TOPSIS 方法應用於產品概念評選之研究。論文發表於國立交通大學科技管理研究所主辦之「2003中華民國科技管理研討會」，新竹。(NSC

90-2511-S-275-001)

30. 張菽萱、黃佳齡、蔡子筠 (2002)。廣告業知識分享與移轉機制之初探研究。論文發表於龍華科技大學主辦之「2002年商管研討會」，桃園。(NSC 90-2511-S-275-001)

31. Kang, T.-L., & Chang, Shu-Hsuan (1999, July). The economy report of Taiwan on school-to work transitions in APEC-member economies for youth at greatest risk of unemployment. Paper presented at the APEC Education Forum, Hull, Canada.

32. Kang, T.-L., Chang, Shu-Hsuan (1999, July). The best practices of Taiwan on school-to work transitions in APEC-member economies for youth at greatest risk of unemployment. Paper presented at the APEC Education Forum, Hull, Canada.

33. Kang, T.-L., & Chang, Shu-Hsuan (1996). The study of the job contents and training needs of human resource managers: A research in Nantou, R.O.C. Paper presented at the International Conference on Employee Security, Taipei, Taiwan.

34. Kang, T.-L., Chen, Tsong-Lang, Chang, Shu-Hsuan, & Chuang, Bor-Nian (1996). The effective incentive strategies on encouraging the graduates of vocational senior high school to attend the skill-testing in R.O.C. Paper presented at the International Conference on Employee Security, Taipei, Taiwan.

35. Kang, T.-L., Chuang, Bor-Nian, Chang, Shu-Hsuan & Chen, Tsong-Lang (1996). Constructing a self-evaluating instrument of professional abilities of mechanical design task: A tacit knowledge perspective. Paper presented at the International Conference on Employee Security, Taipei, Taiwan.

36. Chang, Shu-Hsuan, & Chen, T.-L. (1996). The evaluation on school-industry-vocational training cooperative education program: Toward the department of precision manufacturing of affiliated vocational industrial senior high school of NCUE, R.O.C. Paper presented at the International Conference on Vocational Education and Training, Taipei, Taiwan.

37. 康自立、張菽萱、陳聰浪 (1996)。專科學校教師面臨「績優專科學校改制為獨立學院暨設置專科部」此一變革之態度分析。論文發表於「第十一屆全國技術及職業教育研討會」。

38. 康自立、陳聰浪、張菽萱 (1996)。我國發明人之教育背景及其對發明教育意見之調查研究。論文發表於「第十一屆全國技術及職業教育研討會」。

姓名	張紹勳	職 級	教授
<p>■ 學術期刊論文：</p> <p>1.Wu, C.-T., Chung, S.-M., & Chang, S.-S. (2011). ACIA—A Course Design Approach to Game Design Theory. LNCS, 6872, 195–203. (EI)</p> <p>2.Wu, C.-T., Chung, S.-M., & Chang, S.-S. (2011). Teaching Method of Multimedia Programming for Art Design Student. EI Compendex and ISTP, 28-30.(accepted)</p> <p>3.唐震、張紹勳、張慧(2006)，組織協調機制之網路觀點探討與命題發展-以電子商務旅遊業為例，中山管理評論，第 14 卷，第一期，229-269。(TSSCI)</p> <p>■ 專書及專書論文：</p> <p>張紹勳(2011)Fuzzy Multi-Criteria Decision Making For Evaluation Method，五南書局出版中</p> <p>■ 學術研討會論文：</p> <p>1.Wu, C.-T., Chung, S.-M., & Chang, S.-S. (2011). Teaching Method of Multimedia Programming for Art Design Students. Paper presented at the CEE 2011, Shanghai, China.</p> <p>2.Wu, C.-T., Chung, S.-M., & Chang, S.-S. (2011). ACIA—A Course Design Approach to Game Design Theory. Paper presented at the Edutainment 2011, Taipei, Taiwan.</p> <p>3.Chang, S.-S., & Wu, C.-T. (2010). Meta-Analysis of the Critical Success Factors for the Students' Game-Based Learning Efficiency. Paper presented at the ACSS 2010, Osaka, Japan.</p> <p>4.張紹勳、許志誠、巫俊采 (2010)。以 Meta-analysis 探討領導風格與激勵對組織創新績效之影響。第 11 屆提升技職學校經營品質研討會，彰化師範大學。</p> <p>5.巫俊采、張紹勳(2009)。教師教學方式對學生創造力之影響。崑山科技大學 2009 創造力教育與創新教學學術研討會論文集 (4-46~4-58 頁)。台南：崑山科技大學。</p> <p>6.張紹勳、鍾明芬、巫俊采、許志誠(2009)。以 Meta-analysis 探討教學方法對學生學習成效之影響。第十屆提昇技職學校經營品質研討會，彰化師範大學。</p> <p>7.巫俊采、鍾明芬、盧守拙、黃慧敏、葉芷婷(2009)。國小英文字彙輔助學習平台設計與實作。第五屆台灣數位學習發展研討會，台南大學。</p> <p>8.張紹勳(2011)，便利商店經營關鍵成功因素之研究，2011 現代管理與創新學術研討會。</p> <p>9.張紹勳、許志誠(2009)。組織創新績效關鍵成功因素之彙總分析研究 2009，創意教學與研究成果學術研討會</p>			

- 10.張紹勳、吳少文、林怡君、李蕙竹(2008)，探討員工在升遷公平知覺對升遷發展機會之研究---以新竹高科技產業為例，彰雲嘉大學校院聯盟學術研討會。
- 11.張紹勳、林怡君、吳少文、李蕙竹(2008).探討部落格社群分享行為之研究,2008 彰雲嘉大學校院聯盟學術研討會.
- 12.張紹勳、林怡君、吳少文、李蕙竹(2008).探討部落格社群市場知覺定位之研究,2008 彰雲嘉大學校院聯盟學術研討會.
- 13.張紹勳、游嘉惠、王贊淵、林心怡、蘇意婷、王翊全(2008)，從破窗效應探討組織員工教育訓練績效，彰師大第九屆提升技職學校經營品質研討會。
- 14.張紹勳、游嘉惠、王贊淵、林心怡、蘇意婷、王翊全(2008)，電子商務 B2C 網路商店之法律議題探討，2008 華人經濟圈企業競爭力與經營管理學術研討會。
- 15.王齡如、舒榮輝、張紹勳(2007)，通訊服務業行銷策略對公司績效的影響，第四屆服務業管理與創新學術研討會。
- 16.張紹勳、游嘉惠、王翊全(2007)，探討知識鑲嵌理論與社群成員知識分享—以多重個案分析，第四屆「資訊科技與人文管理教育論壇，中央警察大學資訊管理系。

姓名	陳德發	職 級	教授
<p>■ 學術期刊論文：</p> <p>(A) 國外期刊或 SCI, EI 論文(Refereed Journal Papers) *通信作者</p> <ol style="list-style-type: none"> 1. 1. Nguyen Duy Khiem, Tian-Hua Liu, <u>Der-Fa Chen</u> and John Y. Hung, "Improvement of Matrix Converter Drive Reliability by Online Fault Detection and a Fault-Tolerant Switching Strategy," <i>IEEE Transactions on Industry Electronics</i>, (SCI, Accepted, in Press) 2. Chih-Ching Chen, Shiuan-Shu Wu, <u>Der-Fa Chen</u> and Jong-Bi Wei, "Electro-Oculogram Control Signal System for Patients with Amyotrophic Lateral Sclerosis Constructed by Using LabVIEW Technology," <i>ICIC Express Letters - An International Journal of Research and Surveys</i>, vol. 5, no. 8(A), pp. 2691-2698, Aug., 2011. (EI) 3. Kai-Chao Yao, Chien-Yu Lu, Wen-Jye Shyr and <u>Der-Fa Chen</u>, "Robust Output Feedback Control Design of Decentralized Stochastic Singularly-Perturbed Computer Controlled Systems with Multiple Time-varying Delays," <i>International Journal of Innovative Computing, Information and Control</i>, vol. 5, no 12(A), pp.4407-4414, Dec., 2009. (SCI) 4. Wen-Jye Shyr, Kai-Chao Yao, Chien-Yu Lu and <u>Der-Fa Chen</u>, "Development of Web-Based Human Interface Laboratory Platform for Mechatronics Module," <i>International Journal of Innovative Computing, Information and Control</i>, vol. 5, no 11(B), pp.4291-4298, Nov., 2009. (SCI) 5. Kai-Chao Yao, <u>Der-Fa Chen</u>, Wei-Tzer Huang and Jiunn-Shean Chiang, "Digital Control Design of Decentralized Stochastic Singularly-perturbed Large-scale Actuator Type Systems with Multiple Time-varying Delays," <i>International Journal of Innovative Computing, Information and Control</i>, vol. 5, no 10(B), pp.3303-3311, Oct., 2009. (SCI) 6. J. L. Jaw, F. S. Chen and <u>D. F. Chen</u>, "Compact Dualband CPW-FED Slotted Patch Antenna for 2.4/5GHz WLAN Operation," <i>J. of Electromagn. Waves and Appl.</i>, vol. 23, pp. 1947-1955, 2009. (SCI) 7. Kai-Chao Yao, <u>Der-Fa Chen</u>, Chien-Yu Lu and Wen-Jye Shyr, " Establishment of New Electro-encephalogram Measurement Technology by Integrating Virtual Instrument," <i>ICIC Express Letters - An International Journal of Research and Surveys</i>, vol. 3, no. 3(A), pp. 373-378, Sept., 2009. (EI) 8. <u>Der-Fa Chen</u>, Chien-Yu Lu, Wen-Jye Shyr and Kai-Chao Yao, "Adaptive Controller Design and Implementation for a BLDC Motor Drive System," <i>ICIC Express Letters - An International Journal of Research and Surveys</i>, vol. 3, no. 3(B), pp. 727-732, Sept., 2009. (EI) 9. Wen-Jye Shyr, Kai-Chao Yao, <u>Der-Fa Chen</u> and Chien-Yu Lu, "Web-based Remote Monitoring and Control System for Mechatronics Module," <i>ICIC Express Letters - An International Journal of Research and Surveys</i>, vol. 3, no. 3(A), pp. 367-371, Sept., 2009. (EI) 10. Chien-Yu Lu, Wen-Jye Shyr, Kai-Chao Yao and <u>Der-Fa Chen</u>, "Delay-dependent 			

Approach to Robust Stability for Uncertain Discrete Stochastic Recurrent Neural Networks with Interval Time-varying Delays," *ICIC Express Letters - An International Journal of Research and Surveys*, vol. 3, no. 3(A), pp. 457-463, Sept., 2009. (EI)

11. Tian-Hua Liu, Der-Fa Chen, and Che-Kai Hung, "Nonlinear controller design and implementation for a matrix-converter-based PMSM drive system," *IEE Proc.-Electr. Power Appl.*, vol. 152, no. 5, Sep. 2005, pp.1037-1048. (SCI)

12. Tian-Hua Liu, Che-Kai Hung, and Der-Fa Chen, "A Matrix Converter-Fed Sensorless PMSM Drive System," *Electric Power Components and Systems*, vol. 33, no. 8, Aug. 2005, pp.877-893. (SCI)

(B) 國內期刊論文(Refereed Journal Papers)

1. 劉添華,吳建融,陳德發, 民 96, 矩陣轉換器驅動交流電動機的控速系統之研製, *電力電子*, vol. 5, no. 3, 第 16-28 頁。
2. Hong-Yu Tsou, Yi-Tai Huang, Der-Fa Chen, "Design and Implementation of a matrix converter based Direct torque control system", *Journal of Industrial Education and Technology*, Vol. 30, Dec., 2006.
3. Kai-Chao Yao, Der-Fa Chen, Chin-Wen Liao, "Adaptive High-pass and Band-pass Filter Design and Simulation by State-feedback Approach", *Journal of Industrial Education and Technology*, Vol. 29, Dec., 2005, pp.163 ~ pp.188.
4. 黃育泰,周鴻宇, 陳德發, 電源電壓不平衡時矩陣轉換器永磁同步驅動系統之研製, *工業教育學刊*, 第廿八期, 第 117-134 頁, 2005 年 6 月。
5. 姚凱超, 陳德發, 廖錦文, "Design, Model Establishment and Simulation on IIR Butterworth Low-pass Fuzzy Digital Filters," *工業教育學刊*, 第廿八期, 第 135-150 頁, 2005 年 6 月。
6. 劉添華,陳德發,黃育泰,林英哲, 民 94, 新型矩陣轉換器驅動永磁同步電動機系統之位移因數控制策略研究, *電力電子*, vol. 3, no. 3, 第 21-28 頁。

■ 專書及專書論文：

■ 學術研討會論文：

(A) 國外或國際學術研討會論文 (Conference Papers)

1. Der-Fa Chen, Wen-Jye Shyr and Kai-Chao Yao, "Development of the Experimental System Based on DSP TMS320F2812 for Servo Motor Laboratory," *International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2010)*, Jan., 2010.
2. Kai-Chao Yao, Wen-Jye Shyr, and Der-Fa Chen, "Course Development and Evaluation Strategy of a New Technology - Programmable Physiological Signal Measurement Technology," *International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2010)*, Jan., 2010.
3. Chen Der-fa and Yao Kai-chao, "A Novel Sliding-Mode Controller Design for a Matrix Converter Drive System," *5th International Conference on Hybrid Intelligent Systems (HIS*

'09), vol. 3, pp. 134-137, Aug., 2009. (EI)

4. Kai-chao Yao and Der-fa Chen, Establishment of New Electro-oculogram Measurement Technique by Integrating Virtual Instrument, 5th International Conference on Hybrid Intelligent Systems (HIS '09), vol. 3, pp. 329-333, Aug., 2009. (EI)
5. Chen Der-fa, Liu Tian-hua, Yao Kai-chao and Lee Yu-sen, "A current regulated switching strategy with auto-restarting ability during power grid interruptions for matrix converter," 4th IEEE Conference on Industrial Electronics and Applications (ICIEA 2009), pp. 2367-2372, May, 2009. (EI)
6. Kai-Chao Yao, Der-Fa Chen and Wei-Tzer Huang, "Digital Control Design of Decentralized Stochastic Singularly-Perturbed Large-Scale Actuator Type Systems with Multiple Time-Varying Delays," 3rd International Conference on Innovative Computing Information and Control (ICICIC '08), pp. 167-167, June, 2008. (EI)
7. Der-Fa Chen, Chin-Wen Liao, and Kai-Chao Yao, "Direct Torque Control for a Matrix Converter Based on Induction Motor Drive Systems," 2007 IEEE International Conference on Innovative Computing, Information and Control (ICICIC07), Sep. 2007. (EI)
8. Chin-Wen Liao, Kai-Chao Yao, and Der-Fa Chen, "Optimal Planning of Energy Conservation for Vocational High Schools in Taiwan," 2007 IEEE International Conference on Innovative Computing, Information and Control (ICICIC07), Sep. 2007. (EI)
9. Yih-Hua Chang, Tian-Hua Liu, and Der-Fa Chen, "Design and Implementation of a Robust Controller for a Micro Permanent Magnet Synchronous Speed Control Systems," 2007 IEEE International Conference on Innovative Computing, Information and Control (ICICIC07), Sep. 2007. (EI)
10. Der-Fa Chen, Kai-Chao Yao, "A Dynamical Modulation Strategy of the Virtual DC-Link Voltage for Matrix Converters Under Input Voltage Unbalance," 2006 IEEE International Conference on Industrial Electronics and Applications (ICIEA06), May 2006, pp.968-973. (EI)
11. Kai-Chao Yao, Der-Fa Chen, "Frequency Scaling of Adaptive Digital Filter Design by Poleplacement Technique," 2006 IEEE International Conference on Innovative Computing, Information and Control (ICICIC06), 2006, pp.304-307. (EI)

(B) 國內學術研討會論文 (Conference Papers)

1. 蔡瀛慶，吳科翰，陳德發，"以智慧型控制理論為基礎之馬達控制系統設計與實現"，第十屆電力電子研討會，pp.489-494，Sept., 2011
2. 陳德發，葉美延，許焯楨，黃重發，陳宣煉，賴坊濱，"全國高級中等學校工業類科學生技藝競賽電腦修護工職種得獎相關因素之探究"，第十二屆提昇技職學校經營品質研討會，pp.59-67，2011.
3. 張育宗，柯博仁，王文智，陳德發，"捷運列車車載電池儲能系統之再生制動分析"，第九屆電力電子研討會，pp.639-643，Sept., 2010.
4. 張育宗，劉承皓，陳德發，王志中，"以數位信號處理器為基礎之伺服馬

達控制實驗模組建置", 第十屆提昇技職學校經營品質研討會, pp.195-201, 2009.

5. 石文傑, 劉承皓, 陳德發, "數位科技應用於圖形監控號誌之研究", 數位科技學術研討會, June, 2009.
6. 王奕捷, 廖偉男, 蔡惟中, 陳德發, "電池電量感知之微電腦充電控制系統", 第八屆電力電子研討會, pp.1497-1497, Sept., 2009.
7. 石文傑, 吳科翰, 陳德發, "網路技術在機電整合遠端監控系統應用之研究", 2009 創意教學與研究成果學術研討會, pp.7-12, Dec., 2009.
8. 石文傑, 張育宗, 魏宏銘, 陳德發, "具安全性之遠端監控技術在機電整合模組之應用", 2008 數位科技與創新管理研討會, pp.730-739, June, 2008.
9. 林本煌, 黃柏菖, 陳瑞霖, 陳德發, 林祺洋, "非接觸電磁式轉矩偵測器之轉矩量測運算法研究", 中華民國第廿九屆電力工程研討會, pp.2253-2256, Dec., 2008.
10. 姚凱超, 陳德發, 蔡富全, 陳泰利, 陳鈞正, "以虛擬儀器整合實體電路於空氣清靜箱之監控技術實踐", pp. 24- 29, 第四屆全國電子設計創意競賽論文集, April, 2008 年。
11. 李瑤, 陳瑞霖, 陳德發, "以具反電動勢溫度補償及換相信號之無刷馬達評估系統研製", 中華民國第廿八屆電力工程研討會, 2007 年。
12. 劉承皓, 陳瑞霖, 陳德發, "以評估反電動勢波形與換相信號為基礎之無刷直流馬達檢測系統製作", 第六屆電力電子研討會, 2007 年。
13. 姚凱超, 陳德發, 陳家甫, 陳榮輝, 許怡樺, "太陽能環保微電腦控制移動式低溫保存箱", 第三屆全國電子設計創意競賽論文集, pp. 112-115, April, 2007 年。
14. 周鴻宇, 陳德發, "應用直接轉矩控制之矩陣轉換器感應電動機驅動系統", 中華民國第廿七屆電力工程研討會, 2006 年。
15. 黃育泰, 陳德發, 王志中, "矩陣轉換器驅動永磁同步電動機系統之位移因數控制策略", 中華民國第廿六屆電力工程研討會, 第 860-864 頁, 2005 年。

姓名	陳狄成	職 級	教授
<p>■ 學術期刊論文：</p>			
<ol style="list-style-type: none"> <li data-bbox="169 237 1445 367">1. Dyi-Cheng Chen and Ching-Pin Chen, 2008, Investigation into equal channel angular extrusion process of billet with internal defects, <i>Journal of Materials Processing Technology</i>, Vol.204, pp.419-424. (SCI) <li data-bbox="169 383 1445 512">2. Dyi-Cheng Chen, Jia-Ci Wang and Gow-Yi Tzou, 2008, A finite element investigation into the changing channel angular extrusion of brass alloy, <i>Materials Science Forum</i>, Vol.594, pp.90-95. (EI) (NSC 95-2221-E-018-002) (ISSN: 0255-5476) <li data-bbox="169 528 1445 658">3. Dyi-Cheng Chen, Zih-Yin Guo and Shu-Jhao Wang, 2008, Finite element analysis of double layers alloy wire drawing processes, <i>International Journal of Material Forming</i>, pp.1-4. (Springer, ISSN: 1960-6214) (DOI 10.1007/s12289-008-0083-3) <li data-bbox="169 674 1445 804">4. Dyi-Cheng Chen, Ming-Ze Yu, Yu-Jhih Chen and Yong-Jhao Lin, 2008, Study of extrusion processes of CPU heat sink using finite element method, <i>Steel Research International</i>, Vol.79, Special Edition, Volume 2, pp. 719-725. (SCI) (NSC 95-2622-E-018-004-CC3) <li data-bbox="169 819 1445 949">5. Dyi-Cheng Chen and Ching-Pin Chen, 2008, Use of Taguchi method to analyse a robust design for titanium –aluminum sandwich sheets during rolling, <i>International Journal of Engineering Simulation</i>, Vol.9, No.3, pp.22-30. (ISSN: 1468-1137) <li data-bbox="169 965 1445 1095">6. Dyi-Cheng Chen and Hsin-Neng Wang, 2008, A finite element analysis of the superplastic blow-forming in an awl-shaped die with titanium alloy, <i>Computer Methods in Materials Science</i>, Vol.8, No.3, pp.130-137. (ISSN: 1641-8581) <li data-bbox="169 1111 1445 1240">7. Dyi-Cheng Chen and Ci-Syong You, 2009, Finite element simulation on high extrusion-ratio hydrostatic extrusion of porous material, <i>The Arabian Journal for Science and Engineering</i>, Vol.34, Number 1C, pp.11-19. (SCI) <li data-bbox="169 1256 1445 1386">8. Dyi-Cheng Chen, Jia-Hao Cao and Yao-Chow Liu, 2010, Finite element analysis of heterogeneous sandwich sheets during rolling, <i>Key Engineering Materials</i>, Vols.419-420, pp.285-288. (EI) (NSC 97-2815-C-018-012-E) (ISSN: 1013-9826) <li data-bbox="169 1402 1445 1576">9. Dyi-Cheng Chen, Wen-Jong Chen, Jyun-You Lin, Ming-Wei Jheng and Jhih-Ming Chen, 2010, Finite element analysis of superplastic blow-forming of Ti-6Al-4V sheet into closed ellip-cylindrical die, <i>International Journal of Simulation Modelling</i>, Vol.9, No.1, pp.17-27. (ISSN: 1726-4529) <li data-bbox="169 1592 1445 1722">10. Dyi-Cheng Chen and Jia-Hao Cao, 2010, Finite element simulations of A1100 / A3003 (A6063) sandwich sheet rolling processing, <i>Key Engineering Materials</i>, Vol.443, pp.51-56. (EI) (NSC 97-2815-C-018-012-E) (ISSN: 1013-9826) <li data-bbox="169 1738 1445 1868">11. Dyi-Cheng Chen and Syuan-Yi Syong, 2010, Finite element simulations of four-holes indirect extrusion processes of seamless tube, <i>CMC-Computers Materials & Continua</i>, Vol.13 No.3, pp.191-200. (SCI) <li data-bbox="169 1883 1445 2013">12. Dyi-Cheng Chen, Ci-Syong You, Gua-Nying Lai and Syue-Cheng Ji, 2010, Rigid-plastic finite element analysis of cross wedge rolling, <i>Materials Science Forum</i>, Vols.654-656, pp.1610-1613. (EI) (ISSN: 0255-5476) <li data-bbox="169 2029 1445 2087">13. Dyi-Cheng Chen, Ming-Wei Guo, Chih-Hsuan Jao and Ci-Syong You, 2010, Use of Taguchi method to study deformation mechanisms during indirect extrusion of seamless tube, <i>Steel</i> 			

Research International, Vol.81, No.9, pp. 418-421. (SCI)

14. **Dyi-Cheng Chen**, Ci-Syong You, Ming-Wei Guo and Bao-Yan Lai, 2011, Robust design of ring rolling process for titanium alloy using the Taguchi method and the finite element method, *Key Engineering Materials*, Vol.450, pp.177-180. (EI) (ISSN: 1013-9826)
15. **Dyi-Cheng Chen**, Chin-Pin Chen, Ching-Yi Lee, Ci-Syong You and Chih-Hsuan Jao, 2011, Using an analytic hierarchy process to develop competencies on mould product creativity for vocational college students, *World Transactions on Engineering and Technology Education*, Vol.9, No.1, pp. 54-59. (國科會科教處優良期刊)
16. **Dyi-Cheng Chen**, Ci-Syong You, Fang-Ling Nian and Ming-Wei Guo, 2011, Using the Taguchi method and finite element method to analyze a robust new design for titanium alloy prick hole extrusion, *Procedia Engineering*, Vol.10, pp.82-87. (EI) (ISSN: 1877-7058)
29. **Dyi-Cheng Chen**, Jhih-Ming Chen, Ming-Wei Guo, Chih-Hsuan Jao and Wei-Jong Chen, 2011, Finite element analysis and die design of extrusion processes of radial-finned heat sink, *Advanced Materials Research*, Vols.264-265, pp.30-35. (EI) (NSC 97-2622-E-018-001-CC3) (ISSN: 1662-8985)
17. 陳狄成, 陳文中, 陳正富, 張嘉珍, 陳祿超, 郭泓邑, 辜文宣, 2008, 放射狀散熱片擠製模具設計與製造, *鍛造*, 第十七卷第一期, pp.15-21. (ISSN: 1023-750X)
18. 陳狄成, 許松山, 邱佳聖, 尤麒熊, 2008, 鋁合金與黃銅於線切割放電加工表面變化之研究, *工業教育與技術學刊*, Vol.33, pp.119-126.
19. 陳狄成, 潘志軒, 張褚峰, 李依如, 鄒國益, 2009, 等通道彎角擠製之有限元素分析與模具製作, *先進工程學刊 (Journal of Advanced Engineering)*, Vol.4, No.2, pp.133-139. (ISSN:1991-797X)
20. 陳狄成, 尤麒熊, 饒誌軒, 郭銘偉, 2009, 自行車踏板成形之有限元素分析, *鍛造*, 第十八卷第四期, pp.15-19. (ISSN: 1023-750X)
21. 陳狄成, 尤麒熊, 粘芳綾, 賴冠穎, 2010, 自行車齒盤鍛壓之有限元素分析, *鍛造*, 第十九卷第四期, pp.14-20. (ISSN: 1023-750X) (NSC 99-2622-E-018-003-CC3)
22. 陳狄成, 劉鈺懿, 張文宗, 賴柏諺, 2011, 造型徽章之沖壓連續模具設計與製造, *精密機械與製造科技期刊*, Vol.1, No.1, pp. 24-30.

■ 專書及專書論文：

■ 學術研討會論文：

1. **Dyi-Cheng Chen**, Jheng-Yuan Chen and Kai-Ci Wun, 2008, Forming design and simulation in indirect extrusion processes of seamless tube, *The 8th Asia Pacific Conference on Materials Processing*, pp. 951-957, Guilin-Guangzhou, China, June 15-20. (ISBN: 978-0-9580692-9-8 CD-ROM)
2. **Dyi-Cheng Chen**, Jia-Ci Wang, Jhih-Syuan Pan, Chu-Fong Jhang and Gow-Yi Tzou, 2008, Study of titanium alloy in the changing channel angular extrusion, *The 9th International Conference on Technology of Plasticity*, pp. 1537-1542, Gyeongju, Korea, September 7-11. (NSC95-2221-E-018-002)

3. **Dyi-Cheng Chen**, Tsang-Lang Liang, Ming-Wei Guo, Chih-Hsuan Jao and Jih-Ming Chen, 2010, Use of the Taguchi method to study a robust design for radial-finned heat sink curvature during extrusion, *The 3rd International Conference on Advanced Manufacture*, KengTing, Taiwan, R.O.C., February 2-5. (NSC 97-2622-E-018-001-CC3) (P-030)
4. **Dyi-Cheng Chen** and Yi-Yu Lu, 2010, Finite element analysis and die design of non-specific engineering structure of aluminum alloy during extrusion, *The 10th International Conference on Numerical Methods in Industrial Forming Processes*, pp. 1055-1059, Pohang, Korea, June 13-17. (AIP conference proceedings 1252)
5. **Dyi-Cheng Chen**, Ming-Wei Guo, Ci-Syong You and Chih-Hsuan Jao, 2010, Sectional shape analysis of aluminum alloy seat tube of bicycle, *12th International Conference on Aluminium Alloys*, pp. 1990-1995, Yokohama, Japan, September 5-9. (NSC 98-2622-E-018-001-CC3)
6. **Dyi-Cheng Chen** and Ci-Syong You, 2011, Finite element analysis of hydroforming of 7075 aluminum alloy bicycle handle, *The 5th International Conference on Tube Hydroforming*, Noboribetsu (Hokkaido), Japan, July 24-27.
7. **Dyi-Cheng Chen** and Bao-Yan Lai, Ci-Syong You, 2011, Finite element analysis of rim ring rolling forming of bicycle aluminum alloy, *The 14th International Conference on Advances in Materials and Processing Technologies*, Istanbul, Turkey, July 13-16.
8. **Dyi-Cheng Chen**, Fung-Ling Nian and Ming-Ren Chen 2011, Finite Element Analysis of Forming Process for 3C Digital Camera Cover, *The 10th International Conference on Technology of Plasticity*, Aachen, Germany, September 25-30. (Poster session) (Accepted)
9. 陳清檳, 陳文中, **陳狄成**, 柯明家, 2008, 不同評量方式與父母管教方式對技職校院學生電腦輔助製造課程學習成效與邏輯思考能力之研究, *第九屆提昇技職學校經營品質研討會*, pp. 69-78, 彰化, 台灣, 5月2日.
10. **陳狄成**, 王信能, 邱承浩, 陳志明, 2008, 應用有限元素法於鈦合金兩階級長方盒模具之超塑性氣吹成形之分析, *2008 精密機械與製造科技研討會*, C06-01~C06-08, 屏東, 台灣, 5月23-25日.
11. **陳狄成**, 陳俊偉, 邱承浩, 陳俊銘, 2008, 手機外殼射出成型模具之分析與製造, *2008 模具技術成果與論文發表會*, 3B-16, 台北市, 台灣, 8月22日.
12. **陳狄成**, 賴嘉宏, 邱佳聖, 2008, 玩具車外殼曲面設計射出成型之研究, *2008 模具技術成果與論文發表會*, 3B-17, 台北市, 台灣, 8月22日.
13. **陳狄成**, 李哲源, 錢信諺, 2008, 眼鏡鏡框射出成型之研製, *2008 模具技術成果與論文發表會*, 3B-27, 台北市, 台灣, 8月22日.
14. **陳狄成**, 尤麒熊, 邱佳聖, 薛鈺錠, 2008, 鈦合金切削之有限元素分析, *第六屆全國精密製造學術研討會*, A01-04, pp. 19-23, 台南永康, 台灣, 11月8日.
15. **陳狄成**, 陳宣煜, 蔡政育, 2008, 肥皂盒射出成型模具之分析與製造, *中國機械工程學會第二十五屆全國學術研討會*, 0259, 彰化大村, 台灣, 11月21-22日.
16. 陳文中, **陳狄成**, 詹家銘, 陳念甫, 林俊宏, 廖天健, 2008, 半自動送料鉚釘加工機, *2008 兩岸機電暨產學合作學術研討會*, pp. 63-68, 新竹, 台灣, 11月12日.
17. **陳狄成**, 陳志明, 郭銘偉, 2008, CPU 散熱片擠製加工之模具設計及有限元素分析, *2008 年彰雲嘉大學校院聯盟學術研討會*, pp. 30-35, 彰化, 台灣, 12月05日.
18. **陳狄成**, 曹家豪, 柳耀鈞, 2008, 異質鋁板 A1100-A3003 應用於三層板輥軋加工之研究,

2008 年彰雲嘉大學校院聯盟學術研討會, pp. 188-193, 彰化, 台灣, 12 月 05 日.

19. 陳清檳, 張仁誠, 陳狄成, 陳文中, 2008, 彰師大工教系師生互動與學生學習滿意度之研究, 2008 年彰雲嘉大學校院聯盟學術研討會, pp. 384-389, 彰化, 台灣, 12 月 05 日.
20. 饒誌軒, 李靜儀, 尤麒熊, 陳狄成, 陳清檳, 2009, 產業導向技職院校學生模具技術實作創造能力指標之建構, 第十屆提昇技職學校經營品質研討會, pp. 23-29, 彰化, 台灣, 4 月 10 日. (NSC 97-2511-S-018-029)
21. 陳狄成, 詹家銘, 曾敬傑, 2009, 多功能盤子射出成形之設計與分析, 2009 精密機械與製造科技研討會, G55-01~G55-06, 屏東, 台灣, 5 月 22-24 日. (ISBN: 978-986-6755-17-0)
22. 陳狄成, 陳弘樺, 丁冠彰, 2009, 小叮噹模型射出成型之研製, 2009 模具技術成果與論文發表會, 3B-26, 台北市, 台灣, 8 月 6 日. (ISBN: 978-957-41-6478-3)
23. 陳狄成, 張哲祥, 粘芳綾, 2009, 射出成型煙灰缸的製程設計與模流分析之應用, 2009 模具技術成果與論文發表會, 3B-27, 台北市, 台灣, 8 月 6 日. (ISBN: 978-957-41-6478-3)
24. 陳狄成, 陳清檳, 李靜儀, 尤麒熊, 饒誌軒, 2009, 模具設計與製造技術創造力課程規劃, 2009 年創造力與教育創新國際學術研討會, pp. 26-34, 彰化, 台灣, 11 月 3~4 日. (NSC 97-2511-S-018-029)
25. 陳狄成, 尤麒熊, 郭銘偉, 陳擇曦, 2009, 鈦合金環軋製程之有限元素分析, 中華民國第三十三屆全國力學會議, G1-37, 苗栗縣, 台灣, 11 月 13-14 日.
26. 陳狄成, 王藝凱, 林庚甫, 2009, 放電加工之加工路徑對電極磨耗的影響, 中國機械工程學會第二十六屆全國學術研討會, D06-004, 台南市, 台灣, 11 月 20-21 日.
27. 陳狄成, 尤麒熊, 饒誌軒, 林鈺珊, 2009, 鈦合金圓桿穿孔擠製之有限元素分析, 中國機械工程學會第二十六屆全國學術研討會, D07-002, 台南市, 台灣, 11 月 20-21 日.
28. 陳狄成, 郭銘偉, 饒誌軒, 陳志明, 2009, CPU 散熱片擠製模具設計及田口法分析, 中國機械工程學會第二十六屆全國學術研討會, D07-007, 台南市, 台灣, 11 月 20-21 日.
29. 尤麒熊, 方藝雅, 王慧婷, 陳狄成, 2010, 技職校院金屬成形有限元素分析之教材發展, 第十一屆提昇技職學校經營品質研討會, pp. 58-63, 彰化, 台灣, 4 月 16 日.
30. 尤麒熊, 王慧婷, 饒誌軒, 陳狄成, 2010, 自行車產業人才培育需求之研究, 第十一屆提昇技職學校經營品質研討會, pp. 133-137, 彰化, 台灣, 4 月 16 日.
31. 賴柏諺, 尤麒熊, 王慧婷, 饒誌軒, 陳狄成, 2010, 技職校院模具專業課程教材發展之研究, 第十一屆提昇技職學校經營品質研討會, pp. 166-170, 彰化, 台灣, 4 月 16 日. (NSC 98-2511-S-018-005-MY2)
32. 陳狄成, 陳文中, 尤麒熊, 賴柏諺, 2010, 鈦合金與鋁合金切削加工之分析, 2010 第七屆全國精密製造研討會, J11, 台北市, 台灣, 11 月 6 日.
33. 陳狄成, 尤麒熊, 粘芳綾, 郭銘偉, 2010, 7075 鋁合金拉伸試驗有限元素之分析, 中國材料科學學會 2010 年會, 09-0496, 高雄縣, 台灣, 11 月 19-20 日.
34. 陳狄成, 郭銘偉, 粘芳綾, 2010, 鋁合金自行車座管三孔穴擠製之有限元素分析, 中華民國第三十四屆全國力學會議, F1011, 雲林縣, 台灣, 11 月 19-20 日. (NSC 98-2622-E-018-001-CC3)
35. 陳狄成, 王志遠, 陳要汀, 陳盈良, 2010, 手錶外殼之射出成型模具設計, 中國機械工程學會第二十七屆全國學術研討會, DD06-002, 台北市, 台灣, 12 月 10-11 日.
36. 陳狄成, 陳思婷, 李乙禾, 宋加力, 許銘洵, 2010, 精美小鑰匙於射出成型模具之分析與製造, 中國機械工程學會第二十七屆全國學術研討會, DD06-003, 台北市, 台灣, 12 月

10-11 日.

37. **陳狄成**, 尤麒熊, 賴冠穎, 2010, 自行車 7075 鋁合金螺絲輓軋之有限元素分析, *中國機械工程學會第二十七屆全國學術研討會*, DD07-005, 台北市, 台灣, 12 月 10-11 日.
38. 尤麒熊, 方彩綾, 蕭煌凡, **陳狄成**, 2011, 結合破壞式創新理論於 QFD 方法-以自行車鏈輪產品開發設計為例, *第十二屆提昇技職學校經營品質研討會*, 彰化, 台灣, 4 月 22 日.
39. **陳狄成**, 尤麒熊, 方彩綾, 粘芳綾, 2011, TRIZ 理論於技職校院模具設計與製造技術創造力之研究-以自行車鏈輪模具設計為例, *第一屆工程教育學術研討會*, pp. 238-245, 台北, 台灣, 5 月 13 日.
40. **陳狄成**, 賴柏諺, 粘芳綾, 陳銘仁, 尤麒熊, 2011, 模具精密機械製造技術課程認知量表之發展, *第一屆工程教育學術研討會*, pp. 567-573, 台北, 台灣, 5 月 13 日. (NSC 98-2511-S-018-005-MY2)
41. **陳狄成**, 陳擇曦, 林庚甫, 2011, 塑膠射出薄板成形之設計分析與實驗, *2011 精密機械與製造科技研討會*, C031-1~C031-7, 屏東, 台灣, 5 月 20-22 日. (NSC 99-2815-C-018-027-E)
42. **陳狄成**, 粘芳綾, 陳銘仁, 2011, 7075 鋁合金自行車齒盤鍛壓之分析, *2011 模具暨應用產業技術論文發表會*, 94-103, 台北市, 台灣, 9 月 1 日. (ISBN: 978-957-41-8478-1)
43. **陳狄成**, 張嘉華, 林庭穎, 高雋洧, 2011, 放電製程對中碳鋼表面粗糙度及硬度分析, *2011 模具暨應用產業技術論文發表會*, 325, 台北市, 台灣, 9 月 1 日. (ISBN: 978-957-41-8478-1)
44. 陳文中, **陳狄成**, 蘇文誠, 粘芳綾, 2011, 應用遺傳演算法於鈦合金多孔穴擠製製程參數最佳化之模擬分析, *2011 模具暨應用產業技術論文發表會*, 134, 台北市, 台灣, 9 月 1 日. (ISBN: 978-957-41-8478-1)

姓名	姚凱超	職 級	教授
<p>■ 學術期刊論文：</p> <p>Part A: Referred Articles in Journals: (期刊論文)</p> <ol style="list-style-type: none"> 1. Kai-chao, Yao, " Adaptive Digital Controlled Filters Design by State-feedback Approach" Journal of Chi Nan University, Vol. 5, No. 2, pp.221 ~ 229, October, 2001. (ISSN:1028-3722) 2. Kai-chao, Yao, " Robust Stabilizing Observers of Decentralized Singularly-perturbed System" Journal of Chung Cheng Institute of Technology, Vol. 31, No. 1, pp. 127 ~ 134, Nov., 2002. [E I] & (ISSN:0255-6030) 3. Kai-chao, Yao "suboptimal control of decentralized singularly-perturbed systems" Journal of Science and Technology , Vol. 6, Number 6, pp 437 ~ 443, Nov., 2002. (ISSN:1023-4500) 4. Kai-chao, Yao, "Robust Sub-optimal Pole Assignment of Decentralized Actuator Type Large-scale Systems by the Aggregation Matrix with Robustness Test", Journal of Science and Technology , Vol. 12, Number 1, pp 43 ~ 52, January, 2003. (ISSN:1023-4500) 5. Kai-chao, Yao, "Double Reduced-order Optimal Pole Assignment of Decentralized Actuator Singularly-perturbed Systems", Journal of Southern Taiwan University of Technology, Number 27, pp. 1 ~10, Dec., 2002. 6. Kai-chao, Yao, "Computer Robust Output Feedback Stabilizing Control of Decentralized Singularly-perturbed Systems", Journal of Chung Cheng Institute of Technology, Vol. 33, No. 1, pp. 137 ~ pp. 154, Nov., 2004. [E I] & (ISSN:0255-6030). 7. Kai-chao, Yao, " Frequency Scaling Implementation of Adaptive Analog Filter Design by State Feedback Approach " Journal of Chung Cheng Institute of Technology, Vol. 33, No. 2, pp. 105 ~ pp. 114, May, 2005. [E I] & (ISSN:0255-6030) . 8. Kai-chao Yao, Der-fa Chen, Chin-wen Liao, "Design, Model Establishment and Simulation on IIR Butterworth Low-pass Fuzzy ", Journal of Industrial Education and Technology, Vol. 28, pp. 135 ~ pp. 150, June, 2005. 9. Kai-chao Yao, Der-fa Chen, Chin-wen Liao, "Adaptive High-pass and Band-pass Filter Design and Simulation by State-feedback Approach", Journal of Industrial Education and Technology, Vol. 29, pp. 163 ~ pp. 188, Dec. , 2005. 10. Kai-chao Yao, "Investigation of Robustness and Reliability in Computer Control of Decentralized Singularly-perturbed Actuator Systems" Journal of Industrial Education and Technology, Vol. 30, pp.79 ~ pp. 90, Dec. , 2006. 11. Wen-chi Chen, Kai-chao Yao, Der-fa Chen, "Automatic Dust-free Blackboard Wiper, Journal of Industrial Education and Technology", Vol. 30, pp.119 ~ pp.130, Dec. , 2006. 12. Kai-chao Yao, "Reliable Robust Output Feedback Stabilizing Computer Control of Decentralized Stochastic Singularly-Perturbed Systems", ICIC Express Letters – An International Journal of Research and Survey, Vol. 1, pp. 1 ~ pp. 8, Sep., 2007. (EI INSPEC) 13. Der-Fa Chen, Kai-chao Yao, Hong-yu Tsou, Yi-Tai Huang, "Design and Implementation of a Matrix Converter Based Dirt Torque Control System", Journal of Industrial Education and Technology, Vol. 30, pp.103 ~ pp.118, Dec. , 2006. 14. Kai-chao Yao, Li-Ling Chao, Jia-An Du, Fam-Shing Chen, "Curriculum Development for Virtual Digital Multi-meter and Measurement to Control in Experiments", Journal of Industrial Education and Technology, Vol. 31, pp. 22 ~ pp. 37, June , 2007. 15. Kai-chao Yao, "Building PC - base Virtual Signal Generator by Using Labview and XR-2206" Journal of Industrial Education and Technology, Vol. 31, pp.139 ~ pp.152, June , 2007. 16. Fam-Shing Chen, Li-Ling Chao, Kai-chao Yao, Tzu-Hua Wang,, Wei-Lung Wang, "A Study on Web-Based Assessment for College Students—An Example for Electrical Theory Course", International Journal of Technology and Engineering Education", Special Issue 			

of 2007, p.p. 59 ~ p.p. 66, July, 2007.(國科會優良期刊)

17. **Kai-chao Yao**, “A Simple Approach to Robust Optimal Pole Assignment of Decentralized Stochastic Singularly-perturbed Computer Controlled Systems”, Lecture Note in Computer Science (LNCS 4089), pp.648 ~ pp. 659, Nov, 2007. (SCI /EI). (impact factor = 0.402)
18. **Kai-chao Yao**, “Computer Robust Control of Discrete-time Decentralized Stochastic Singularly Perturbed Systems”, International Journal of Innovative Computing, Information and Control (IJICIC), Vol. 4, No. 6, pp. 1771-1782, July, 2008(SCI/EI). (Impact Factor 1,53)
19. **Kai-chao Yao**, “Single Input Virtual Digital Multi-meter Design and Implementation”, International Journal of Innovative Computing, Information and Control (IJICIC) Special Issue - New Trends in Advanced Control and Applications, Vol. 4, No. 12, pp. 3101 – pp.3110, Dec. 2008 (SCI /EI). (Impact Factor 1.53)
20. **Kai-chao Yao** Fu-quan Cai, “Implementation of Monitoring and Control Techniques of Air Cleaner Tank by Virtual Instruments”. Journal of Industrial Education and Technology, Vol. 32, pp. 213-230, Dec., 2007.
21. **Kai-chao Yao**, Chao-Hsing Hsu, “Robust Optimal Stabilizing Observer-based Control Design of Decentralized Stochastic Singularly-Perturbed Computer Controlled Systems with Multiple Time-varying Delays”, International Journal of Innovative Computing, Information and Control (IJICIC), Vol. 5, No. 2 , pp. 467-477, Feb., 2009. (SCI /EI). (Impact Factor 2.79)
22. **Kai-chao Yao**, Der-Fa Chen, Wei-Tzer Huang, “Digital Control Design of Decentralized Stochastic Singularly-perturbed Large-scale Actuator Type Systems with Multiple Time-varying Delays”, International Journal of Innovative Computing, Information and Control (IJICIC) Special Issue - New Trends in Advanced Control and Applications, Vol. 5, No. 10(B), pp.3303-pp3310, Oct. 2009 (SCI /EI). (Impact Factor 2.79)
23. Chien-Yu Lu, Wen-Jye Shyr, **Kai-Chao Yao** and Chin-Wen Liao, ” Delay-Dependent H_{∞} Control for Discrete-Time Uncertain Recurrent Neural Networks with Interval Time-Varying Delay”, International Journal of Innovative Computing, Information and Control (IJICIC), Vol.5, No.10(B), pp.3483-pp3493, Oct. 2009. (Impact Factor 2.79)
24. Wen-Jye Shyr, **Kai-Chao Yao**, and Chien-Yu Lu “Development of Web-Based Human Interface Laboratory Platform for Mechatronics Module”, International Journal of Innovative Computing, Information and Control (IJICIC) Vol.5, No.11(B), pp.4291-pp4298, Nov., 2009. (SCI /EI). (Impact Factor 2.79)
25. **Kai-Chao Yao** , Chien-Yu Lu, and Wen-Jye Shyr, “Robust Output Feedback Control Design of Decentralized Stochastic Singularly- Perturbed Computer Controlled Systems with Multiple Time-varying Delays”, International Journal of Innovative Computing, Information and Control (IJICIC), Vol.5, No.12, pp.4407-pp4414, December 2009. (SCI /EI). (Impact Factor 2.79)
26. **Kai-chao Yao**, “PC-based Virtual Bode Analyzer Design and Application in Automatic Measurement of Filter Manufacturing”, ICIC Express Letters – An International Journal of Research and Survey, Vol. 3, Issue 1, pp.33 ~ pp. 40, March, 2009. (EI Compendex)
27. Wen-Jye Shyr, **Kai-Chao Yao**, Der-Fa Chen and Chien-Yu Lu, “Web-Based Remote Monitoring and Control System for Mechatronics Module”, ICIC Express Letters – An International Journal of Research and Survey, Vol.3, No.3(A), pp.367~ PP.371, September, 2009 (EI Compendex)
28. **Kai-Chao Yao**, Der-Fa Chen, Chien-Yu Lu and Wen-Jye Shyr , “Establishment of New Electro-encephalogram Measurement Technology by Integrating Virtual Instrument”, ICIC Express Letters – An International Journal of Research and Survey, Vol.3, No.3(A), pp.373~pp.378, September. 2009 (EI Compendex)
29. Der-Fa Chen, Chien-Yu Lu, Wen-Jye Shyr and **Kai-Chao Yao**, “Adaptive Controller Design and Implementation for a BLDC Motor Drive System”, ICIC Express Letters – An International Journal of Research and Survey, ICIC-EL, Vol.3, No.3(B), pp.727~pp732, September, 2009 (EI Compendex)
30. Chien-Yu Lu, Wen-Jye Shyr, **Kai-Chao Yao** and Der-Fa Chen, “Delay-Dependent Robust Stability for Uncertain Discrete Stochastic Recurrent Neural Networks with Interval

Time-Varying Delays”, ICIC Express Letters – An International Journal of Research and Survey, Vol.3, No.4(A), pp.457~pp463, September, 2009 (Accepted) (EI Compendex)

31. **Kai-Chao Yao**, FU-Quan cai, “Robustness and Reliability of Decentralized Stochastic Singularly-Perturbed Computer Controlled Systems with Multiple Time-Varying Delays”, ICIC Express Letters – An International Journal of Research and Survey, Vol.3, No.3(A), pp.379~pp.384, September, 2009 (EI Compendex)
32. **Kai-Chao, Yao**, “Course development and evaluation of a new technology - programmable virtual instrument measurement technology”, World Transactions on Education and Technology Education (WTE&TE), Vol.7, No.1, pp.22~pp27, Nov. 2009 .(國科會優良期刊 2.4 級)
- 33 **Kai-Chao, Yao**, “Course Development and Design of Programmable Physiological Signal Measurement Technology ”, World Transactions on Education and Technology Education (WTE&TE), Vol.7, No.2, pp116.~pp121, Dec. 2009 .(國科會優良期刊2.4級)
34. **Kai-chao Yao** Kuang-liang Chiu, Hsiao-mei Cheng, “Development of Programmable Virtual Instrument Measurement Technology Teaching Materials and Affective Attitude Evaluation of Teaching”. Journal of Industrial Education and Technology, Vol. 33, pp33.~46, June 2008.
35. **Kai-chao Yao**, Hsiao-mei Cheng, “Teaching Evaluation of Psychomotor Domain and Practical Example “, Journal of Industrial Education and Technology, Vol. 33, pp.81~pp100, Dec. 2008.
36. **Kai-chao Yao**, Tai-li Chen, Implementation of Logistics Management by Virtual Instruments and RFID Techniques Teaching Aids and Materials for Evaluating, Journal of Industrial Education and Technology, Vol. 34,pp.103~pp.118 Dec. 2008.
37. **Kai-chao Yao**, Yu-wei Shiu, Fu-chiuan Tsai, Rung-hung Tseng,” Building Electrocardiogram Measuring System Based on Virtual Instrument”, Journal of Industrial Education and Technology, Vol. 34, June, 2008.
38. **Kai-Chao Yao**, Wei-tzer Huang, “Electro-ocular Measurement and Control Technique by Integrating Virtual Instrument ”, ICIC Express Letters – An International Journal of Research and Survey, Volume 4, Number 5, October 2010 (EI Compendex)
39. **Kai-Chao Yao**, Wei-tzer Huang, “Establish Electromyography Measurement and Control Technique by Virtual Instrument ”, ICIC Express Letters – An International Journal of Research and Survey, Volume , Number , October 2011 (EI Compendex)
- 40 Kai-Chao, Yao, Chang-Hsing Lai & Jiunn-Shiou Fang “The study of practical competence indicator analysis and establishment for automatic measurement technology course ”, World Transactions on Education and Technology Education (WTE&TE), Vo.9, No.3, pp.~pp, 2011 .(國科會優良期刊 2.4 級)
41. **Kai-Chao Yao** , Chien-Yu Lu, and Wen-Jye Shyr, “Multi-function Automatic Measurement Platform ”, International Journal of Innovative Computing, Information and Control (IJICIC), Vol, No., pp.-pp, . (SCI /EI). (Impact Factor 2.79)

Part B: Referred Articles in Conferences Proceedings: (研討會論文)

- International Conferences: (國際研討會論文)

1. **Kai-chao Yao** “Digital Observer-based Controller Design of Decentralized Actuator Systems”, First International NAISO Congress on Autonomous Intelligent Systems (ICAIS ‘2002’), Australia, CD #100028-02-KY-042, Feb., 2002.
2. **Kai-chao Yao**, “ Computer Control of Decentralized Singularly-perturbed System”, First International NAISO Congress on Autonomous Intelligent Systems (ICAIS ‘2002’), Australia, CD #10028-02-KY-047, Feb., 2002.
3. **Kai-chao Yao**, “Digital Control Strategy on Decentralized Actuator Type Systems”, 2002 American Control Conference, (ACC 2002), USA, *Proceeding of the American Control*

Conference , Vol. 3 of 6, pp. 1855 ~ pp. 1860, May, 2002. [**EI , ISTP**]

4. **Kai-chao Yao**, “Robust Sub-optimal Pole Assignment of Decentralized Actuator Type Large-scale Systems by the Aggregation Matrix with Robustness Test”, 2003 American Control Conference, (ACC 2003), USA, *Proceeding of the American Control Conference*, Vol. 5 of 6, pp. 4506 ~ pp. 4511, June, 2003. [**EI , ISTP**]
5. **Kai-chao Yao**, “Adaptive Digital Controlled Filter Design by State-Feedback Approach”, 2003 IEEE Conference on Control Applications, (CCA2003), Turkey, CD #000538, June, 2003.
6. **Kai-chao Yao**, “ Adaptive Analog Filter Design by State-Feedback Approach”, 2003 IEEE International Symposium on Intelligent Control, USA, CD #TA01-6, Oct, 2003.
7. **Kai-chao Yao**, “Optimal Robust Stabilizing Computer Control of Decentralized Singularly perturbed Systems” , The 10th Symposium on Large Scale Systems, Japan, CD#INV1-9, July, 2004.
8. **Der-fa Chen, Kai-chao Yao**, “A Dynamical Modulation Strategy of the Virtual DC-Link Voltage for Matrix Converters Under Input Voltage Unbalance” The 1st IEEE Conference on Industrial Electronics and Applications (ICIEA 2006), Singapore, May 24~26. [**EI , ISTP**]
9. **Kai-chao Yao, Der-fa Chen**, “Frequency Scaling of Adaptive Digital Filter Design by Poleplacement Technique”, 2006 International Conference on Innovative on Computing, Information and Control, Vol 3, pp. 304 ~ pp. 307, Beijing, August 30 ~ September 1, 2006. [**EI , ISTP**]
10. **Li-Ling Chao, Tzu-Hua Wang, Kai-Chao Yao, Fam-Shing Chen, Wei-Lung Wang**, “Studies on Undergraduate Achievement and Attitude of Electrical Theory by Using Web-Based Formative Assessment” , 2006 Hawaii International Conference on Education, January, 2006.
11. **Kai-chao Yao, Li-ling Chao** “Single Input Virtual Digital Multi-meter Design and Implementation”, 2007 International Conference on Innovative on Computing, Information and Control, Kumamoto, Japan, ICICIC2007-IS15-001, Page(s):94 - 94 , Sep. 3 ~ September 5, 2007. [**EI , ISTP**]
12. **Kai-chao Yao**, “An Iteration Method to Sub-optimal Output Feedback Computer Control of Decentralized Singularly-perturbed Systems ”, 2007 International Conference on Innovative on Computing, Information and Control, Kumamoto, Japan, ICICIC2007-IS15-009, Page(s):102 – 102, Sep. 3 ~ September 5, 2007. [**EI , ISTP**]
13. **Chin-wen Liao, Kai-chao Yao, Der-fa Chin**, “Optimal Planning of Energy Conservation for Vocational High Schools in Taiwan”, 2007 International Conference on Innovative on Computing, Information and Control, Kumamoto, Japan, ICICIC2007-IS15-003, Page(s):96 - 96 , Sep. 3 ~ September 5, 2007. [**EI , ISTP**]
14. **Der-Fa Chen, Chin-Wen Liao, Kai-Chao Yao**, “Direct Torque Control for a Matrix Converter Based on Induction motor drive Systems”, 2007 International Conference on Innovative on Computing, Information and Control, Kumamoto, Japan, ICICIC2007-IS15-006, Page(s):101 – 101, Sep. 3 ~ September 5, 2007. [**EI , ISTP**]
15. **Kai-chao Yao, Chin-wen Liao, Der-fa Chin** “A Fast way to Design Adaptive Digital High-pass Filters”, 2007 International Conference on Innovative on Computing, Information and Control, Kumamoto, Japan, ICICIC2007-IS11-005, Page(s):72 – 72, Sep. 3 ~ September 5, 2007. [**EI , ISTP**]
16. **Kai-chao Yao, Chin-wen Liao, Li-ling Chao, Fu-yu Lin** “Virtual Impedance Analyzer Design and Implementation ”, 2007 International Conference on Innovative on Computing, Information and Control, Kumamoto, Japan, ICICIC2007-IS11-004, Page(s):71 - 71 , Sep. 3 ~ September 5, 2007. [**EI , ISTP**]
17. **Kai-chao Yao**, Suboptimal Stabilizing Control of Decentralized Stochastic Singularly Perturbed Systems, 2007 CACS International Automatic Control Conference, pp. 106 ~ pp. 109, Taiwan, Nov., 2007.

18. **Kai-chao Yao**, Design and Construction of Virtual Oscilloscope by Using ELVIS, 2007 CACS International Automatic Control Conference, pp. 102 ~ pp. 105, Taiwan, Nov., 2007.
19. **Kai-chao Yao**, Wei-Tzer Huang “Digital Control Design of Decentralized Stochastic Singularly-perturbed Large-scale Actuator Type Systems with Multiple Time-varying Delays”, 2008 International Conference on Innovative on Computing, Information and Control, Dalian, China, ICICIC2008, June.18, 2008. [EI , ISTP]
20. **Kai-chao Yao**, “Adaptive Control Design of Band-pass Digital Filters by Poleplacement Approach”, 2008 International Conference on Innovative on Computing, Information and Control, Dalian,, China, ICICIC2008, June.18, 2008. [EI , ISTP]
21. Wei-Tzer Huang, Shiuan-Tai Chen, **Kai-chao Yao**, Chung-Chen Wu , “Three-Phase Line Flows Calculation for Distribution Automation by Z_{BUS} Distribution Factor ”, 2008 International Conference on Innovative on Computing, Information and Control, Dalian,, China, ICICIC2008, June.18, 2008. [EI , ISTP]
22. Chen Der-fa, Liu Tian-hua, **Yao Kai-chao**, Lee Yu-sen, “A Current Regulated Switching Strategy with Auto-Restarting Ability During Power Grid Interruptions for Matrix Converter”, 4th IEEE Conference on Industrial Electronics and Applications (ICIEA 2009), May. 25-17, Xi’an, China. 2009. [EI , ISTP]
23. Chang, H. P., **Yao, Kai-chao**, Wang, Chuen Ching”, “Course development and evaluation of a new technology - programmable virtual instrument measurement technology”, ASME Asia-Pacific Engineering Education Congress (APEEC), 09-11, April, 2009. (Accepted)
24. Li-Ling Chao, F.S. Chen, , **K.C. Yao**, and W.L. Wang. 2009. A Formative Evaluation of Students’ Awareness on E-Learning of Circuit Theory. The American Society for Engineering Education (ASEE) 8th Global Colloquium on Engineering Education. Budapest, Hungary. (2009.10.12-15).
25. **Kai-chao Yao**, Tai-li Chen, and Yu-te Lian, “Virtual Spectrum analyzer Design and Implementation” , the Ninth International Conference on Hybrid Intelligent Systems (HIS-2009), August 12-14, 2009.
26. Der-fa Chen, **Kai-chao Yao**, “A Novel Sliding-Mode Controller Design for a Matrix Converter Drive System” , the Ninth International Conference on Hybrid Intelligent Systems (HIS-2009), August 12-14, 2009.
27. **Kai-chao Yao** and Der-fa Chen, “Establishment of New Electro-oculogram Measurement Technique by Integrating Virtual Instrument”, the Ninth International Conference on Hybrid Intelligent Systems (HIS-2009), August 12-14, 2009.
28. **Kai-chao Yao**, Der-fa Chen, “Multi-Function Electro-Cardiogram Measurement System Design and Implementation ”, 2009 International Conference on Innovative on Computing, Information and Control, Kaoshiung,, Taiwan, ICICIC2009, Dec., 2009. [EI , ISTP]
29. Der-Fa Chen, Wen-Jye Shyr, and **Kai-chao Yao**, “Model Reference Controller Design and Implementation for a BLDC Motor Drive System ”, 2009 International Conference on Innovative on Computing, Information and Control, Kaoshiung,, Taiwan, ICICIC2009, Dec., 2009. [EI , ISTP]
30. **Kai-chao Yao**, Wen-Jye Shyr and Der-Fa Chen “Course Development and Evaluation Strategy of a New Technology - Programmable Physiological Signal Measurement Technology “, The 2010 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology, Macau, January, 2010.
31. Der-Fa Chen, Wen-Jye Shyr, and Kai-chao Yao, “ Development of the Experimental System Based on DSP TMS320F2812 for Servo Motor Laboratory “, The 2010 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology, Macau, January 2010.
32. **Kai-chao Yao**, Chang-Hsing Lai ,”Design and Construction of Automatic Monitoring and Control System for the Flower Nursery”, 2010 5th International Conference on Green Energy Technology and Management , June, 2010.
33. Wei-Tzer Hung, **Kai-chao Yao**, “Optimal Planning of a Load Transfer Substation Pair between Two Normally Closed-Loop Feeders Considering Minimization of System Power Losses Using a Genetic Algorithm”, The Fourth International Conference on Genetic and

- Domestic Conferences: (國內研討會論文)

1. **Kai-chao Yao**, “Computer Control of Filters”, The 1st Conference of Industry-University Cooperation for Engineering Technologies, 第一屆全國技專院校產學合作暨技術轉移研討會, pp. 7-1 ~ pp. 7-4, June 2001.
2. **Kai-chao, Yao**, “Using Matlab and Simulink in Automatic Control Systems”, The 1st Conference of Industry-University Cooperation for Engineering Technologies, 第一屆全國技專院校產學合作暨技術轉移研討會, pp. 8-1 ~ pp. 8-4, June 2001.
3. **Kai-chao, Yao**, “Reliable Control Using Multiple Control Technique in Computer Control of Decentralized Singularly-perturbed Systems”, The 3th Navy and Ocean Conference of Science, 第三屆海軍與海洋學術研討會, CD 4-25, Sep. 2001.
4. **姚凱超, 李威德**, “機械手臂之追蹤定位機構”, The 3th Navy and Ocean Conference of Science, 第三屆海軍與海洋學術研討會, CD 4-35, Sep. 2001.
5. **Kai-chao, Yao**, “Optimal Pole Assignment of Decentralized Actuator Singularly-perturbed Systems”, The Sixth Conference on Artificial Intelligence and Applications (TAAI2001), 第六屆人工智慧與應用研討會, pp. 7 ~ pp. 10, Nov., 2001.
6. **Kai-chao Yao**, “Robust and Reliable Control in Decentralized Singularly-perturbed Systems”, The Tenth National Conference on Science and Technology of National Defense, 第十屆國防科技學術研討會, pp. 2-164 ~ pp. 2-168, Nov., 2001.
7. **Kia-chao Yao**, “Digital Control Strategy on Satellite”, The Tenth National Conference on Science and Technology of National Defense, 第十屆國防科技學術研討會, pp. 2-159 ~ pp. 2-163, Nov., 2001.
8. **Kai-chao Yao**, “Robust Stabilizing Control and Reliable Control of Decentralized Large-scale Power Systems”, The 22th Symposium on Electrical Power Engineering, 中華民國第二十二屆電力研討會, CD, Nov, 2001.
9. **Kai-chao Yao**, “Digital Controller Design of Multiple-inputs Systems”, The 17th Technological Vocational Education Conference of R.O.C, 第十七屆全國技術及職業教育研討會, pp.715 ~ pp. 722, 2002.
10. **Kai-chao, Yao**, “Decentralized Control on Nonlinear Large-scale System with Uncertainties”, 第九屆三軍官校學術研討會, pp. C3-19 ~ pp. C3 ~ 26, June, 2002.
11. **Kai-chao, Yao**, “Suboptimal Control of Decentralized Singularly-Perturbed Systems”, The Eleventh National Conference on Science and Technology of National Defense, 第十一屆國防科技學術研討會, CD B-005, Nov., 2002.
12. **Kai-chao, Yao**, “Robust Stabilizing Digital Rocket Control”, The Eleventh National Conference on Science and Technology of National Defense, 第十一屆國防科技學術研討會, CD B-003, Nov., 2002.
13. **Kai-chao, Yao**, “Sub-optimal Output Feedback Control of Decentralized Singularly-perturbed Systems”, 2003 中華民國自動控制研討會暨生物機電系統控制與應用研討會, pp. 1590 ~ pp. 1593, March, 2003.
14. **陳俊江、姚凱超、林琮焜**, “現代線性馬達的探討與分析”, 2003 中華民國自動控制研討會暨生物機電系統控制與應用研討會, pp. 1584 ~ pp. 1589, March, 2003.
15. **Kai-chao, Yao**, “Observer Design Strategy in Decentralized Actuator-type Systems”, 2003 中華民國自動控制研討會暨生物機電系統控制與應用研討會, pp. 995 ~ pp. 998, March, 2003.
16. **Kai-chao, Yao**, “Frequency Scaling of Adaptive Digital controlled Filter Design by State-feedback

Approach “, 三軍官校綜合學術論文研討會”, 2003.

17. **Kai-chao, Yao**, “Adjustable Pass-band Low-pass Filter by State-Feedback Approach”, 2004 中華民國自動控制研討會, March, 2004.
18. **Kai-chao, Yao**, “Design, Model Establishment and Simulation on IIR Butterworth Low-pass Fuzzy Digital Filters”, 2005 中華民國自動控制研討會, November, 2005.
19. 趙麗玲、姚凱超、陳繁興, “網路形成性評量對電路學實施感受”, 第七屆提升技職學校經營品質研討會, CD# 08, March, 2006.
20. 趙麗玲、姚凱超、陳繁興。(2006) 大學生對電路學課程網路形成性評量策略學習之探討 2006 臺灣職業教育與訓練學術研討會暨東亞職業教育與訓練學會年會, 高雄.
21. **姚凱超**, 丁建中, 曾榮泓, “可程式虛擬數位電表之設計與實踐”, 2007 ISC 智慧型系統工程應用研討會, CD Session P2, March, 2007.
22. **姚凱超**, 曾榮泓, 丁建中“可程式虛擬信號產生器之設計與實踐”, 2007 ISC 智慧型系統工程應用研討會, CD Session C3, March, 2007.
23. **姚凱超**, 丁建中, 曾榮泓, “單一量測端多功能虛擬數位電表之設計與實踐”, 2007 第三屆全國電子設計創意競賽論文集, pp. 134 ~ pp. 140, April, 2007. (榮獲全國佳作)
24. **姚凱超**, 陳德發, 陳家甫, 陳榮輝, 許怡樺, “太陽能環保微電腦控制移動式低溫保存箱”, 2007 第三屆全國電子設計創意競賽論文集, pp. 112 ~ pp. 115, April 2007.
25. 趙麗玲、姚凱超、陳繁興。(2007) 大學生對網路學習之態度初探--以電路學為例。田家炳“兩岸三地”教育技術西部行學術論壇。大陸, 蘭州。西北師範大學教育技術與傳播學院
26. **姚凱超**, 曾榮泓, 丁建中“以虛擬儀器實踐電動機控制技術”, 2007 資訊科技應用學術研討會, CD B3-9, July, 2007.
27. **姚凱超**, 曾榮泓, 丁建中“以虛擬儀器設計與實踐二線式 I-V 分析器”, 2007 資訊科技應用學術研討會, CD B3-8, July, 2007.
28. **姚凱超**, 蔡富全“以虛擬儀器實踐溫度感測技術”, TAAI2007 第十二屆人工智慧與應用研討會, 論文集摘要手冊 pp. 181, Nov. 2007.
29. **姚凱超**, 邱光良“可程式多功能虛擬示波器之應用與實踐”, TAAI2007 第十二屆人工智慧與應用研討會, 論文集摘要手冊 pp. 41, Nov. 2007.
30. **姚凱超**, 邱光良, “虛擬示波器遠端監控技術之應用與實踐”, 第十六屆國防科技學術研討會, 4-98 ~ 4-103, Nov., 2007.
31. **姚凱超**, 曾榮泓, 丁建中“可程式電晶體虛擬三線 I-V 自動量測分析器之設計與實踐”, 2007 National Computer Symposium 全國計算機會議, pp. 11, Dec., 2007.
32. **姚凱超**, 鄭孝梅, 趙麗玲“可程式虛擬儀器量測技術教材發展及設備規劃”, 第九屆升技職學校經營品質研討會, pp. 16, May, 2008.
33. **姚凱超**, 陳德發, 蔡富全, 陳泰利, 陳鈞正, “以虛擬儀器整合實體電路於空氣清靜箱之監控技術實踐”, pp. 24 ~ pp. 29, 2008 第四屆全國電子設計創意競賽論文集, April 2008.
34. **姚凱超**, 陳華昌, 邱光良“新興科技於虛擬儀表量測技術之探討與分析”, 2008 數位生活科技研討會, June. 2008.
35. **姚凱超**, 石文傑, 魏宏銘, “以 Labview 為導向之無線辨識系統於遠端貨品即時監控”, 2008 中華民國第十六屆全國自動化科技, pp.43, June., 2008.
36. **姚凱超**, 陳佳甫, 許育維, “以虛擬儀器實踐磁場感測技術”, 2008 中華民國第十六屆全國自動化科技, pp. 114, June., 2008.

37. 姚凱超, 邱光良, 陳家甫, 許育維, "PC-based 波德分析器之建構與應用於濾波器製造之自動量測", 2008 中華民國第十六屆全國自動化科技, pp.152, June., 2008.
38. 姚凱超, 陳泰利, "以虛擬儀器實踐 RFID 購物商場管理系統之設計與製作", 2008 資訊技術應用暨機器人技術研討會, CD B1-3, Sep., 2008.
39. 姚凱超, 吳岡隆" 自動化寵物養育機之設計與製造", 2008 資訊技術應用暨機器人技術研討會會, CD B1-1, Sep., 2008.
40. 姚凱超, 曾榮泓, 丁建中, 邱光良, "以虛擬任意波形產生器實踐通訊系統應用", 2008 資訊科技應用學術研討會, CD CS97002-2, Oct., 2008.
41. 姚凱超, 邱光良"Virtual Digital Writers and Virtual Digital Readers Design and Implementation", 2008 資訊科技應用學術研討會, CD CS97002, Oct., 2008.
42. 姚凱超, 吳岡隆, "智慧型多功能寵物養育機", 2008 資訊科技應用學術研討會, CD CS97018, Oct., 2008.
43. 石文傑, 許育維, 陳佳甫, 姚凱超, "網路科技在 龍門氣壓夾爪實驗模組應用之研究", 2008 資訊科技應用學術研討會, CD CS97020-2, Oct., 2008.
44. 姚凱超, 陳泰利, 連育德, 顏于軒 "購物商場之 RFID 電腦化管理系統模組製作", 2008 兩岸機電暨產學合作學術研討會, CD E1-CE1, Nov., 2008.
45. 姚凱超, 陳泰利, 連育德, 顏于軒 " 智慧型購物商場管理系統之設計與建構", 2009 資訊科技國際研討會: 2009 International Conference on Advanced Information Technologies, April, 2009.
46. 姚凱超, 許育維, 鄭孝梅, 蔡富全 "生理訊號量測技術之教材發展及設備規劃", 第十屆提升技職

學校經營品質研 討會, April, 2009.

47. 姚凱超, 陳泰利, 連育德, 顏于軒 " 智慧型購物商場管理系統整合設計之模組化製作", 第五屆全國電子設計創意競賽, pp10 ~ pp15, April, 2009.
47. 石文傑, 蔡富全, 姚凱超", 數位學習技術在遠端監控電梯之應用, 2009 創意教學與研究成果學術研討會, pp444-448, December, 2009.
48. 姚凱超, 蘇秀香, 吳健銘, "國中技藝教育學程學生修課動機與職業自我概念之研究" 第十二屆提升技職學校經營品質研討會, pp308-pp321, April, 2011.
49. 姚凱超、賴長興、方俊修, "The Study of Practical Competence Indicator Analysis and Establish for Automatic Measurement Technology Course" 2011 第一屆工程教育學術研討會, pp291~pp304, May 2011.
50. 方俊修, 姚凱超, "發票數字自動比對系統", 智慧型數位生活研討會, pp417 ~ pp421, April, 2011.
51. 方俊修, 姚凱超, "動態及靜態比對系統暨遠端操控", International Conference on Advanced Information Technologies, AIT, CD# E-10, April, 2011.
52. 方俊修, 姚凱超, "複合式電動椅", 第六屆智慧生活科技研討會, ILT, pp18 ~ pp21, June, 2011.
53. 方俊修, 姚凱超, 盧建余, 遠端監控心跳異常檢知器", The 6th International symposium on Healthcare Information Managrment, CD# T002-4, Taiwan, April, 2011.
54. 石文傑、方俊修、姚凱超," 利用 WebAccess 實現遠端監控隧道洗車系統, Proceedings of 2011National Symposium on System Science and Engineering, CD# A-P0568, June, 2011.

姓名	石文傑	職 級	教授
----	-----	-----	----

■ 學術期刊論文：

Part (A). SSCI 期刊論文

Wen-Jye Shyr, "Development and evaluation of mechatronics learning system in a web-based environment, The Turkish Online Journal of Educational Technology, pp.89-96, Vol. 10, No. 1, January 2011.

Part (B). 國內外期刊論文【SCI、EI 或同等級國際期刊】

1. Wen-Jye Shyr and Chao-Hsing Hsu, "A sufficient condition for stability analysis of grey discrete-time systems with time delay", International Journal of Innovative Computing Information and Control, Vol.4, No.9, pp.2139-2145, September 2008. 【SCI, IF= 2.791】
2. Wen-Jye Shyr, "Internet-based laboratory platform for distance learning in engineering education", International Journal of Engineering Education, Vol.25, No.4, pp.693-700, August 2009. 【SCI, IF= 0.552】 【NSC 97-2511-S-018-019-MY3】
3. Wen-Jye Shyr, "Robust control design for aircraft controllers via memetic algorithms", International Journal of Innovative Computing Information and Control, Vol.5, No.10(A), pp.3133-3140, October 2009. 【SCI, IF= 2.932】
4. Wen-Jye Shyr, "Providing a laboratory to students everywhere", World Transactions on Engineering and Technology Education, Vol. 7, No. 2, pp.198-203, December 2009. 【國科會科教處優良期刊】 【NSC 97-2511-S-018-019-MY3】
5. Wen-Jye Shyr, "Integrating laboratory activity into a junior high school classroom", IEEE Transactions on Education, Vol.53, No.1, pp.32-38, February 2010. 【SCI, IF=0.822】 【NSC 96-2515-S-018-005】
6. Wen-Jye Shyr, "Experiences with a hand-on activity to enhance learning in the classroom", World Transactions on Engineering and Technology Education · Vol.8, No.1, pp.86-90, March 2010. 【國科會科教處優良期刊】 【NSC 98-2515-S-018-002】
7. Wen-Jye Shyr, "Development of graphical human interface technology for use in mechatronics experimental module", ICIC Express Letters, Vol.4, No.3(B), pp.957-962, June 2010. 【EI】 【NSC 97-2511-S-018-019-MY3】
8. Wen-Jye Shyr, "Enhancement of plc programming learning based on virtual laboratory", World Transactions on Engineering and Technology Education · Vol.8, No.2, pp.196-202, July 2010. 【國科會科教處優良期刊】
9. Wen-Jye Shyr, "Multiprog virtual laboratory applied to plc programming learning", European Journal of Engineering Education, Vol.35, No.5, pp.573-583, October 2010. 【國科會科教處優良期刊】
10. Wen-Jye Shyr, "Wind power systems laboratory activity for junior high school students", International Journal of Continuing Engineering Education and Life-Long Learning, Vol.20, No.4, August 2010 【EI】 【NSC 96-2515-S-018-005】 【in Press】
11. Wen-Jye Shyr, "Development of graphical human interface technology for use in experimental temperature-sensing module", Computer Applications in Engineering Education, 2010. 【SCI, IF= 0.203】 【NSC 94-2516-S-018-010 and NSC 95-2516-S-018-005】 【April 14, 2009 on-line first】

12. Wen-Jye Shyr, "Development of working competence items for mechatronics with graphical monitoring and control", *Computer Applications in Engineering Education*, 2010. 【SCI, IF= 0.203】 【NSC 97-2511-S-018-019-MY3】 【August 11, 2009 on-line first】
13. Wen-Jye Shyr, "Teaching mechatronics: An innovative group project-based approach", *Computer Applications in Engineering Education*, 2010. 【SCI, IF= 0.203】 【March 22, 2010 on-line first】
14. Wen-Jye Shyr, "Graphical human interface technology for use in mechatronics in engineering education", *Computer Applications in Engineering Education*, 2010. 【SCI, IF= 0.203】 【NSC 97-2511-S-018-019-MY3】 【July 6, 2010 on-line first】
15. Wen-Jye Shyr, "Integrating bio-energy laboratory activity into a junior high school classroom", *International Journal of Engineering Education*, 2010.【SCI, IF= 0.552】【in Press】
16. Chao-Hsing Hsu, Wen-Jye Shyr, Kun-Huang Kuo and Pao-Hua Chou, "Optimal radiation pattern design of adaptive linear phased array antenna using memetic algorithms", *International Journal of Innovative Computing Information and Control*, Vol.4, No.9, pp.2391-2403, September 2008. 【SCI, IF= 2.791】
17. Chao-Hsing Hsu and Wen-Jye Shyr, "Adaptive pattern nulling design of linear array antenna by phase-only perturbations using memetic algorithms", *Communications in Numerical Methods in Engineering*, Vol. 24, Issue 11, pp.1121-1133, November 2008. 【SCI, IF= 0.756】
18. Chien-Yu Lu, Wen-Jye Shyr, Kai-Chao Yao and Der-Fa Chen, "Delay-dependent robust stability for uncertain discrete stochastic recurrent neural networks with interval time-varying delays", *ICIC Express Letters*, Vol.3, No.3(A), pp.457-463, September 2009. 【EI, ISSN 1881-803X】
19. Chien-Yu Lu, Wen-Jye Shyr, Kai-Chao Yao, Chin-Wen Liao, and Chuan-Kuei Huang, "Delay-dependent H_{∞} control for discrete-time uncertain recurrent neural networks with interval time-varying delay", *International Journal of Innovative Computing Information and Control*, Vol. 5, No.10(B), pp.3483-3493, October 2009. 【SCI, IF= 2.932】 【NSC 97-2221-E-018-01 and NSC 98-2221-E-018-013.】
20. Chao-Hsing Hsu, Wen-Jye Shyr, Kun-Huang Kuo, Pao-Hua Chou and Menq-Jiun Wu, "Memetic algorithms for multiple interference cancellation of linear array based on phase-amplitude perturbations", *Journal of Optimization Theory and Applications*, Vol. 144, No. 3, pp.629-642, March 2010. 【SCI, IF= 0.996】

■ 專書及專書論文：

石文傑、林家名，可程式控制器 PLC 與機電整合實務，全華圖書，January 2011。

■ 學術研討會論文：

- 石文傑、魏宏銘、黃至賢，"圖控式機電整合實驗模組發展之研究－以高度分料機為例"，第三屆智慧生活科技研討會，pp.403-408, June 6, 2008.

- 石文傑、黃至賢、魏宏銘，"發展國民中學風力發電實驗活動之研究"，第三屆台灣綠色能源暨新創產品研討會，pp.208-212, June 7, 2008.
- 石文傑、魏宏銘、黃至賢、林家名，"發展以圖形監控系統為基礎的機電整合實驗模組－以顏色分料機為例"，第十六屆全國自動化科技研討會，Vol. 2, pp.977-983, June 27-28, 2008.
- 石文傑、陳彥民，"國民中學自然與生活科技領域教材發展之研究－以傳播科技為例"，生活科技創作學術研討會，pp.80-87, Oct. 22, 2008
- 石文傑、林正義，"停車格位置及計費管理系統"，2008 兩岸機電暨產學合作學術研討會，pp.201-205, Nov. 12, 2008
- 石文傑、魏宏銘、林家名，"Multiprog 在升降梯監控技術之應用"，第二屆海峽兩岸科技與人文教育暨產學合作研討會，pp.108-113, December 4-5, 2008
- 石文傑、林家名、魏宏銘，"利用 Advantech Studio 發展遠端圖形監控系統之研究"，第三屆電資科技應用與發展學術研討會，pp.173-176, December 19, 2008
- 石文傑、黃至賢，"建構以產業需求為導向之圖控式機電整合實務能力項目之研究"，中國工業職業教育學會 97 年度學術論文輯，pp.81-98, December 20, 2008.
- 石文傑、郭銘偉，"遠端圖形監控系統在沖水控制之研究"，2009 數位科技與創新管理研討會，pp.216-224, June 20, 2009.(華梵大學)
- 石文傑、楊嘉偉，"薄膜太陽能電池與氫燃料電池實驗教材規劃與實施之研究"，98 年度數位科技學術研討會，June 24, 2009. (國立臺北教育大學)
- 石文傑、魏宏銘、林家名，"SoftPLC 與 PAC 在機電整合教學之應用"，TAECT2009 台灣教育傳播暨科技學會國際學術研討會，pp.247-255, December 11-12, 2009 (銘傳大學)
- 石文傑、江宗霖、王世賢，"發展圖控式機電整合模組之研究"，2009 年資訊科技應用學術研討會，Session C 有線,無線寬頻基礎網路建設類，pp.60-65, December 18, 2009 (中國科技大學)
- 石文傑、王世賢、江宗霖，"發展圖控式顏色分料機模組之研究"，2010 智慧型系統工程應用研討會，Vol.2, pp.242-245, May 6, 2010. (遠東科技大學)
- 石文傑、林家名，"USB I/O 模組在圖形化溫度監控系統之應用"，第九屆離島資訊技術與應用研討會，Session M, pp.9-14, May 28-29, 2010(樹德科技大學)
- 石文傑、江宗霖、王世賢，"圖控式機械手臂取料機電整合模組之研究"，第五屆智慧生活科技研討會，June 4, 2010.(勤益科技大學)

姓名	廖錦文	職 級	教授
<p>■ 學術期刊論文：</p>			
<p>■ Chin-Wen Liao*, Chien-Yu Lu, Chuan-Kuei Huang and Ta-Lung Chiang (2011). Work Values, Work Attitude and Job Performance of Green Energy Industry Employees in Taiwan. <i>African Journal of Business Management</i>, 【SSCI, Impact Factor=1.105】 , (Sept. 27, 2011, accepted, In Press). NSC 100-2511-S-018 -004-.</p>			
<p>■ Chin-Wen Liao, Li-Chu Tien, and Sho-yen Lin (2011). An Analysis of the Function and Training Strategies of Teaching Assistants at Technological and Vocational Colleges in Taiwan. <i>Communications in Computer and Information Science</i>, 218, 320-328, DOI: 10.1007/978-3-642-23357-9_58. 【EI】 . NSC 98-2511-S-018 -010 -MY2. 30 June 2011. http://www.springerlink.com/content/h583p85183r04444/</p>			
<p>■ Chin-Wen Liao, Farn-Shing Chen and Tsai-Hsiu Chen (2011). Perspectives of University Students on Cooperative Learning by Moodle. <i>International Journal of Digital Content Technology and its Applications</i>, 5(6), 190-197. 【EI】 . NSC 98-2511-S-018 -010 -MY2. 30 June 2011. http://www.aicit.org/jdcta/pp/22_%20JDCTA_June-26.pdf</p>			
<p>■ 張碧霞，廖錦文（2011）。因應變革國民小學會計人員須具備的核心職能，主計月刊，666，61-67，2011年6月。</p>			
<p>■ Chin-Wen Liao* and Hsuan-Lien Chen (2011). The Work Value and Job Satisfaction of the Testing Department Staffs in Top Five Notebook OEMs Worldwide. <i>African Journal of Business Management</i>, 【SSCI, Impact Factor=1.105】 , (June 1, 2011, accepted, In Press). NSC 98-2511-S-018 -010 -MY2.</p>			
<p>■ C. K. Huang, Chin-Wen Liao, S. L. Hsu, Y. C. Jeng (2011). Implementation of Gray Image Encryption with Pixel Shuffling and Gray-level Encryption by Single Chaotic System, <i>Telecommunication Systems</i>【SCI, Impact Factor=0.286】 , (Published on line: 04 June, 2011). http://web.nchu.edu.tw/pweb/users/tcwliao/research/10320.pdf</p>			
<p>■ Chin-Wen Liao* and Sho-yen Lin (2011). An Analysis on the Interactive Behaviors of Self-Learning Management in a Web-Based Moodle E-Learning Platform. <i>African Journal of Business Management</i>, 【SSCI, Impact Factor=1.105】 , (May 1, 2011, accepted, In Press). NSC 98-2511-S-018 -010 -MY2</p>			
<p>■ Chin-Wen Liao* (2011). Application of E-Portfolio System to Enhance Teacher Professional Development, ISSN 1990-3839, <i>Educational Research and Reviews</i>, 6(3), 243-250. NSC 98-2511-S-018 -010 -MY2</p>			

【EI】 [.http://web.nchu.edu.tw/pweb/users/tcwliao/research/10318.pdf](http://web.nchu.edu.tw/pweb/users/tcwliao/research/10318.pdf)

- **Chin-Wen Liao** and Tsai-Hsiu Chen (2010). New Teaching on the Introductory Course of Energy Science and Technology with Moodle. *The International Journal of Learning*, 17(8), 273-283. NSC 98-2511-S-018 -010 -MY2.
<http://chin-wenliao1.cgpublisher.com/product/pub.30/prod.2914>
- Chih-Yang Chao, **Chin-Wen Liao**, Kung-Huang Lin and Tsai-Hsiu Chen (2010). Staffs' Cognition of National High School on Leadership Style of Novice Principal. *The International Journal of Learning*, 17(7), 209-220.
<http://ijl.cgpublisher.com/product/pub.30/prod.2848>
- Chih-Ming Chen, **Chin-Wen Liao**, Yong-Ting Chen, Chin-Ming Hong, Chia-Meng Huang (2010). Developing a Taiwan Library History Digital Library with Reader Knowledge Archiving and Sharing Mechanisms Based on the DSpace Platform. *The Electronic Library*, 【SSCI, Impact Factor = 0.544】 , (16 Sept 2010, accepted, In Press)
- **Chin-Wen Liao** and Chien-Yu Lu (2010). Design of Delay-Dependent State Estimators for Discrete-Time Recurrent Neural Networks with Interval Discrete and Infinite-Distributed Time-Varying Delays. *Cognitive Neurodynamics*, Impact Factor = 2.263, 【SCI】 .
<http://web.nchu.edu.tw/pweb/users/tcwliao/research/9429.pdf>.
NSC 98-2511-S-018 -010 -MY2.
- **Chin-Wen Liao** and Chien-Yu Lu (2010). Design of Delay_Range_Dependent Robust Controller for Uncertain Genetic Regulatory Networks with Interval Time Varying Delays. ISSN 0146_4116, *Automatic Control and Computer Sciences*, 44(4), 234-245. @ Allerton Press, Inc., 2010. 【EI】 . NSC 98-2511-S-018 -010 -MY2.
<http://web.nchu.edu.tw/pweb/users/tcwliao/research/9422.pdf>
- C.Y. Lu, **Chin-Wen Liao**, K.Y. Chang, and W.J. Chang (2010). A delay-dependent approach to robust stability for uncertain stochastic neural networks with time-varying delay. *Journal of Marine Science and Technology*, 18(1), 77-83. 【SCI, Impact Factor = 0.830】 .
<http://jmst.ntou.edu.tw/marine/18-1/77-83.pdf>
- 廖錦文、盧建余、蔡宜玲、賴瑞郁、許焯楨 (2010)。網路合作學習在能源概論教學實施之研究—以Moodle數位學習平台為例。中國工業職業教育學會 99 年度學術論文專輯，NSC 98-2511-S-018 -010 -MY2
<http://www.ie.ntnu.edu.tw/ntnuie/link/ch/doc/991115c.pdf>.
- 盧建余、廖錦文、吳慧雯、楊綉月、許焯楨 (2010)。彰濱工業區企業員工對勞工安全衛生認知與態度之探究。中國工業職業教育學會 99 年度學術論文專輯，
<http://www.ie.ntnu.edu.tw/ntnuie/link/ch/doc/991115c.pdf>.

- 廖錦文、盧建余、黃重發、鄞樹富、蘇育民 (2010)。職業學校教師對職業學校群科課程綱要之學校本位課程認知與態度之研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，34，13-33。
- 廖錦文、盧建余、陳采秀、康創雄、蘇育民 (2010)。全球五大筆記型電腦代工廠測試部門員工之工作價值與工作滿意度研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，34，35-52。
- 盧建余、廖錦文、石文傑、蘇育民、丁建中 (2010)。不確定性非線性隨機中性時延系統強健 H_∞ 控制。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，34，135-148。
- 廖錦文、盧建余、童文真、康創雄、蘇育民 (2010)。中等教育職前教師資訊科技融入教學能力與態度之研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，33，47-69。
- Chien-Yu Lu, **Chin-Wen Liao**, and Hsun-Heng Tsai (2009). Delay- Range- Dependent Global Robust Passivity Analysis of Discrete - Time Uncertain Recurrent Neural Networks with Interval Time-Varying Delay. *Discrete Dynamics in Nature and Society*, 2009(8), ID 430158, 1-14 . 【SCI, Impact Factor = 1.028】 .
<http://www.emis.de/journals/HOA/DDNS/Volume2009/430158.pdf>
- Chien-Yu Lu, Wen-Jye Shyr, Kai-Chao Yao, **Chin-Wen Liao** and Chuan-Kuei Huang (2009). Delay-Dependent H_∞ infinite Control for Discrete-Time Uncertain Recurrent Neural Networks with Interval Time-Varying Delay. *International Journal of Innovative Computing, Information and Control* (IJICIC), ISSN 1349-4198, 3483-3493. 【SCI, Impact Factor = 2.791】 . <http://www.ijicic.org/isii08-044-1.pdf>
- **Chin-Wen Liao**, Kai-Yuan Zheng, and Chien-Chung Ting (2009). A Delay-dependent Approach to Design State Estimator for Discrete Stochastic Recurrent Neural Network with Interval Time-Varying Delays. *ICIC Express Letters, An International Journal of Research and Surveys*, ISSN 1881-803X, 3(4), 465-470. 【EI】 .
<http://web.nchu.edu.tw/pweb/users/tcwliao/research/8750.pdf>
- Sy-Ruen Huang, **Chin-Wen Liao**, Hong-Tai Chen and Chueh-Cheng Wu (2009). A New Method to Identify Fault Current and Inrush Current on Transformer by Jiles-Atherton Model. *ICIC Express Letters, An International Journal of Research and Surveys*, ISSN 1881-803X, 3(3), 897-902. 【EI】 . NSC 98-2511-S-018 -010 -MY2.
<http://web.nchu.edu.tw/pweb/users/tcwliao/research/8751.pdf>
- **Chin-Wen Liao**, Farn-Shing Chen and Tsai-Hsiu Chen (2009). Analyzing Effectiveness of School Education Management Focus on Invested Resources to Private Universities'

Students with Six Sigma. *The International Journal of Learning*, 16(5), 539-548.

<http://ijl.cgpublisher.com/product/pub.30/prod.2170>

- Lu, C. Y., Tsai, H. H. and Su, T. J., **Chin-Wen Liao** (2008), A delay-dependent approach to passivity analysis for uncertain neural networks with time-varying delay. *Neural Processing Letters*, 27(3), 237-246. 【SCI, Impact Factor = 0.942】
- <http://web.nchu.edu.tw/pweb/users/tcwliao/research/8755.pdf>
- 廖錦文、陳俊彥 (2008)。國民中學技藝教育學程學生學習態度與學習滿意度之研究—以雲林地區為例。中國工業職業教育學會 97 年度學術論文專輯，19-40。
<http://www.ie.ntnu.edu.tw/ntnuie/link/ch/index.html>
- Chien-Yu Lu, **Chin-Wen Liao**, Hsung-Heng Tsai(2007). An LMI Approach to Passivity Analysis for Uncertain Neural Networks with Multiple Time-varying Delays. *International Journal of Electrical Engineering (IJEE)*, August, 27, 14(4), 307-314. 【EI】 .
<http://web.nchu.edu.tw/pweb/users/tcwliao/research/8757.pdf>
- 廖錦文、盧建余、謝熹鈿、吳亞恆、黃運新 (2007)。國民中學在省能節源措施及其教育之實施現況研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，32，1-22。NSC 95-2516-S-018 -004 -MY2.
- 盧建余、廖錦文、石文傑、鄭凱元、丁建中 (2007)。不確定性隨機中性多時延區間系統強健穩定化控制。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，32，231-244。
- 廖錦文 (2007)。獨立型太陽能及風能發電系統之探究。研究與創新，2，9-16，彰化：國立彰化師範大學。NSC 95-2516-S-018 -004 -MY2.
- 廖錦文、盧建余、石文傑 (2007)。以實驗教學增進學生能源教育概念之研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，31，1-20。
NSC 95-2516-S-018 -004 -MY2.
- Chien-Yu Lu, **Chin-Wen Liao**, Wen-Jye Shyr, and Chih-Chung Wang(2007). Robust stabilization for uncertain time-delay systems with saturating actuators-LMI approach. *Journal of Industrial Education and Technology*, 31, 153-166.
- 廖錦文、黃運新、張雅鈞 (2007)。高中職社區化中三區課程區域合作學生能源認知與態度之研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，30，41-56。
- 廖錦文、林惠絨 (2006)。推動校園節約能源方案及其成效的探討。商業職業教育季刊，103，2-7。NSC 95-2516-S-018 -004 -MY2.
- 陳清楨、戴文雄、廖錦文、黃紹書 (2005)。不同合作學習分組之問題導向學習教學法對技職校院學生創造力之研究—以電腦輔助設計與製造課程為例。工業教育與技術學刊，28，39-54。

- 姚凱超、陳德發、**廖錦文** (2005)。 *Design, Model Establishment and Simulation on IIR Butterworth Low-pass Fuzzy Digital Filters*. 國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，28，135-149。
- **廖錦文**、許焯楨 (2005)。技專校院教師建構教學檔案之調查研究。國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，29，13-35。
- 盧建余、**廖錦文**、石文傑 (2005)。 *Robust Stabilization of Uncertain Stochastic Interval System swith Multiple Delays*. 國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，29，125-135。
- 姚凱超、陳德發、**廖錦文** (2005)。 *Adaptive High-pass and Band-pass Filter Design and Simulation by State-feedback Approach*. 國立彰化師範大學工業教育與技術學系，工業教育與技術學刊，29，163-187。
- 專書及專書論文：
 1. **廖錦文*** (2006)。 **職業類科課程教材教法通論**。台北：師大書苑，ISBN 978-957-946-525-0，2006年9月出版。
- 學術研討會論文：
 - 黃千般、**廖錦文**、劉瑩、凌至善 (2011)。高風險家庭之隔代教養個案分析—以臺中市某國小新生輔導個案為例。 *樹德科技大學2011 家庭與教育實踐研討會*，2011年5月14日，高雄市：樹德科技大學應用社會學院，樹德科技大學（82445 高雄市燕巢區橫山路59號），1-5。
 - **廖錦文**、林碩彥、盧建余、陳德發 (2011)。網路合作學習在能源概論Moodle 數位學習平台的互動行為分析。 *2011 第一屆工程教育學術研討會*，2011年5月13日，台北市：台灣師範大學 科技學院三樓，556-566。
NSC 98-2511-S-018 -010 -MY2.
 - 盧建余、**廖錦文**、張晰哲、黃河治、蘇育民 (2011)。霍蒲菲爾遞迴式類神經網路系統融入電路學課程之研究。 *2011 第一屆工程教育學術研討會*，2011年5月13日，台北市：台灣師範大學 科技學院三樓，262-284。
 - **廖錦文**、敖克定、黃松欽、童文真、張珠玲、王正熙 (2011)。國民中學技藝教育學程學生學習態度與學習滿意度量表發展之研究。 *第十二屆提升技職學校經營品質研討會*，彰化市：國立彰化師範大學，2011年4月22日，68-77。
 - **廖錦文**、林建明、吳健銘、李漢群、許焯楨、賴振榮 (2011)。我國教師在職進修專業成長之後設分析研究。 *第十二屆提升技職學校經營品質研討會*，彰化市：國立彰化師範大學，2011年4月22日，286-303。

- **廖錦文**、李孟容、黃松欽、林碩彥、許焯楨 (2011)。高職學生網路合作學習對會計學之學習成效研究—以「教學部落格」為例。第十二屆提升技職學校經營品質研討會，彰化市：國立彰化師範大學，2011年4月22日，334-338。NSC 98-2511-S-018 -010 -MY2.
- 石文傑、黃至賢、**廖錦文** (2011)。建構以產業需求為導向之大專學生能源科技核心知能。第十二屆提升技職學校經營品質研討會，彰化市：國立彰化師範大學，2011年4月22日，128-134。
- **Chin-Wen Liao** and Tsai-Hsiu Chen (2010). New Teaching on the Introductory Course of Energy Science and Technology with Moodle. *17th International Conference on Learning*, Hong Kong, 6 - 9 July, 2010. 【indexed by EI Compendex and ISTP】. NSC 98-2511-S-018 -010 -MY2.
- Lu, Chien-Yu, Huang, Ho-Chih, **Chin-Wen Liao**, Su, Yu-Min, Chang, Hsin-Che, Ting, Chien-Chung (2010). A Delay-Dependent Approach to Exponential Estimator Design for Neutral Neural Networks with Mixed Interval Time-Varying delays. *2010 安全管理與工程技術國際研討會*，吳鳳科技大學。
- Chen, Farn-Shing, **Chin-Wen Liao**, & Chen, Tsai-Hsiu (2009). Adult Distance Education Students' Perspective on Critical Success Factors of e-Learning. *2009 Second International Conference on Education Technology and Training (ETT 2009)*, 2009.12.13-14, Sanya, China, 140-143. 【indexed by EI Compendex and ISTP】 (published by IEEE Computer Society) . NSC 98-2511-S-018 -010 -MY2.
- Chien-Yu Lu, **Chin-Wen Liao**, Hsun-Heng Tsai, Yu-Wei Huang, Chien-Chung Ting, Yu-Min Su, Jiunn-Shou Fan (2009). Design of Delay-Range-Dependent Robust Controller for Uncertain Genetic Regulatory Networks with Interval Time-Varying Delays. *2009 CACS International Automatic Control Conference* National Taipei University of Technology, Taipei, Taiwan, Nov. 27-29, 2009. 2009 CACS International Automatic Control Conference. 【indexed by EI Compendex and ISTP】
- **Chin-Wen Liao**., Chung-Hsing Chao, Peter J. van Duijsen (2009). Modeling Of A Taiwan Fuel Cell Powered Scooter. *2009 IEEE PEDS(International Conference on Power Electronics and Drive Systems)*, Taiwan, November 2-5, 2009. 【indexed by EI Compendex and ISTP】
- Ching-Yi Chao , Tsung-Jung Li, **Chin-Wen Liao**, Yi-Lin He, Tsair-Rong Chen (2009). Study of Contactless Power Supply for Wireless Mouse. *2009 IEEE PEDS(International Conference on Power Electronics and Drive Systems)*, Taipei, Taiwan, November 2-5, 2009. 【indexed by EI Compendex and ISTP】
- Sy-Ruen Huang, Chin-Wen Liao, Hong-Tai Chen and Chueh-Cheng Wu (2009). A New

Method to Identify Fault Current and Inrush Current on Transformer by Jiles-Atherton Model. *The Second International Symposium on Intelligent Informatics (ISII2009)*, September 13-15, 2009, QinHuangDao, China. 【indexed by EI Compendex and ISTP】

- Chin-Wen Liao, Sy-Ruen Huang, Yen-Ju Chang, Chueh-Cheng Wu (2009). Voltage Sags of Current-limiting Reactors when Wind Turbines are Connected in Parallel to a Grid. *The Second International Symposium on Intelligent Informatics (ISII2009)*, September 13-15, 2009, QinHuangDao, China. 【indexed by EI Compendex and ISTP】
- Chin-Wen Liao, Kai-Yuan Zheng, and Chien-Chung Ting (2009). A Delay-dependent Approach to Design State Estimator for Discrete Stochastic Recurrent Neural Network with Interval Time-Varying Delays. *The Second International Symposium on Intelligent Informatics (ISII2009)*, September 13-15, 2009, QinHuangDao, China. 【indexed by EI Compendex and ISTP】
- Sy-Ruen Huang, Chin-Wen Liao, Yen-Ju Chang, Chueh-Cheng Wu. Using ZnO Device to Improve Voltage Stability when Wind Turbines are Connected in Parallel to a Grid. *The Second International Symposium on Intelligent Informatics (ISII2009)*, September 13-15, 2009, QinHuangDao, China. 【indexed by EI Compendex and ISTP】
- Farn -Shing Chen, **Chin-Wen Liao**, Tsai-Hsiu Chen (2009). Finding the Comparative of Magistral Research Between Social Science and Arts and Humanities of Private Universities with Six Sigma. *The International Conference on Learning*, University of Barcelona, Spain, 1~ 4 July, 2009. <http://2009.thelearner.com/sessions/index.html>. 【indexed by EI Compendex and ISTP】 .
- **Chin-Wen Liao**, Farn -Shing Chen, Tsai-Hsiu Chen (2009). Analyzing the Effectiveness of School Education Management: Using Six Sigma to Focus on Resource Investment in Private Universities' Students. *The International Conference on Learning*, University of Barcelona, Spain, 1~ 4 July, 2009. <http://2009.thelearner.com/sessions/index.html>. 【indexed by EI Compendex and ISTP】 .
- **Chin-Wen Liao**, Kai-Yuan Zheng, and Chien-Chung Ting(2009). A Delay-dependent Approach to Design State Estimator for Discrete Stochastic Recurrent Neural Network with Interval Time-Varying Delays. *Second International Symposium on Intelligent Informatics (ISII2009)*, September 13-15, 2009, QinHuangDao, China. 【indexed by EI Compendex and ISTP】
- Sy-Ruen Huang, **Chin-Wen Liao**, Hong-Tai Chen and Chueh-Cheng Wu (2009). A New Method to Identify Fault Current and Inrush Current on Transformer by Jiles-Atherton Model. *Second International Symposium on Intelligent Informatics (ISII2009)*, September

13-15, 2009, QinHuangDao, China. 【indexed by EI Compendex and ISTP】 .

- **廖錦文**、陳珪廷、李宜錚 (2009)。職業學校專業科目教師對四技二專統一入學測驗影響高三課程教學認知與態度之研究—以中部地區為例。彰雲嘉大學校院聯盟 2009 年學術研討會，中國醫藥大學北港分部，2009.12.04，76-85。
<http://www2.cmu.edu.tw/~cmcbnp/2009conference/results.html>
- 盧建余、**廖錦文**、陳采秀、羅金盛。(2009)。國民中學技藝教育學程學生學習態度與學習滿意度量表發展之研究。第十屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2009 年 4 月 10 日，290-301。
- **廖錦文**、羅金盛、郭珍祥、陳珪廷。(2009)。筆記型電腦代工廠員工其工作價值觀與滿意度量表之探究。第十屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2009 年 4 月 10 日，402-410。
- **廖錦文**、劉念慈、翁傑倫 (2009)。創新育成中心技術移轉關鍵成功因素之研究。2009 科技與知識管理研討會，義守大學，2009 年 2 月 27 日，1-9。
- 陳蓬桐、陳采秀、**廖錦文**。(2009)。從人力資源管理面向探討公共圖書館館員之專業與招募。中國大陸西安市教育學會，第三屆西安—彰化職業學校素質教育研討會論文集，3，128-140。
- Chien-Yu Lu, Kai-Yuan Zheng, **Chin-Wen Liao**.(2008) .(, Chuan-Kuei Huang and Po-Jung Pan. Delay-Dependent Approach to Robust Stability for Uncertain Discrete Stochastic Recurrent Neural Networks with Interval Time-Varying Delays. *2008 CACS International Automatic Control Conference*, National Cheng Kung University, Tainan, Taiwan, Nov. 21-23, 2008. 【indexed by EI Compendex and ISTP】
- **Chin-Wen Liao** and Chien-Yu Lu(2008). A Research on Establishing A Network Structure of International IP Video Conferencing and Evaluating the Multi-site Real-time Interactive Courses with Schools Around the World. *2008 International Conference on Innovative on Computing, Information and Control*, 18-20 June, 2008, in Dalian, China. 【indexed by EI Compendex and ISTP】
- 黃思倫、張艷如、陳思孝、**廖錦文**、張正泓 (2008)。在風力發電機加裝限流電抗器對電力系統的暫態穩定度分析。第二十九屆電力工程研討會，南台科技大學，2008 年 12 月 5 日~6 日，2105-2109。NSC 98-2511-S-018 -010 -MY2.
- 石文傑、鄭凱元、魏宏銘、盧建余、**廖錦文** (2008)。網際網路遠端監控環境之建置—以機電整合平台為例。2008 數位科技與創新管理研討會，中華民國資訊管理學會，台北縣：H華梵大學 (資訊管理學系H)，2008 年 6 月 28 日(星期六)，577-588。
- **廖錦文**、趙沂源、廖甲茂 (2008)。中等學校在職進修教師對提昇教學品質態度之研究。第九屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2008 年 5

月 2 日，228-235。

<http://eportfolio.stut.edu.tw/gallery/790/%E5%BD%B0%E5%B8%AB%E5%A4%A7%E5%B7%A5%E6%95%99%E7%B3%BB%E9%80%9A%E9%81%8E%E5%90%8D%E5%96%AE.pdf>

- 廖錦文、曾冠仁、許志弘 (2008)。太陽能光電教學示範系統建置及其效能分析之研究。第九屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2008 年 5 月 2 日，89-98。NSC 98-2511-S-018 -010 -MY2。

<http://eportfolio.stut.edu.tw/gallery/790/%E5%BD%B0%E5%B8%AB%E5%A4%A7%E5%B7%A5%E6%95%99%E7%B3%BB%E9%80%9A%E9%81%8E%E5%90%8D%E5%96%AE.pdf>

- 廖錦文、盧建余、李旻憶、施孜孜 (2008)。跨國多元視訊課程資訊網絡建置與教學實施成效之研究。第九屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2008 年 5 月 2 日，194-201。

<http://eportfolio.stut.edu.tw/gallery/790/%E5%BD%B0%E5%B8%AB%E5%A4%A7%E5%B7%A5%E6%95%99%E7%B3%BB%E9%80%9A%E9%81%8E%E5%90%8D%E5%96%AE.pdf>

- Chien-Yu Lu, Kai-Yuan Zheng, **Chin-Wen Liao**, Hsun-Heng Tsai. (2007)

Delay-Range-Dependent Global Robust Passivity Analysis of Discrete- Time Uncertain Recurrent Neural Networks with Interval Time-Varying Delay. *Proceedings of 2007 CACS International Automatic Control Conference*. National Chung Hsing University Taichung, Taiwan, Nov. 9-11, 2007. 【indexed by EI Compendex and ISTP】

- **Chin-wen Liao**, Chien-Yu Lu(2007). Passivity Analysis for Uncertain Time-Varying Delayed eural Networks with Neutral Type, *2007 International Conference on Innovative on Computing, Information and Control*, Kumamoto, Japan, ICICIC2007-IS11-002, Sep. 3 -5, 2007. 【indexed by EI Compendex and ISTP】

- **Chin-wen Liao**, Kai-chao Yao, Der-fa Chin(2007). Optimal Planning of Energy Conservation for Vocational High Schools in Taiwan, *2007 International Conference on Innovative on Computing, Information and Control*, Kumamoto, Japan, ICICIC2007-IS15-003, Sep. 3 ~ September 5, 2007. 【indexed by EI Compendex and ISTP】

- Der-Fa Chen, **Chin-Wen Liao**, Kai-Chao Yao(2007). Direct Torque Control for a Matrix Converter Based on Induction motor drive Systems, *2007 International Conference on Innovative on Computing, Information and Control*, Kumamoto, Japan, ICICIC2007-IS15-006, Sep. 3 ~ September 5, 2007. 【indexed by EI Compendex and ISTP】

- Kai-chao Yao, **Chin-Wen Liao**, Der-fa Chin(2007). A Fast way to Design Adaptive Digital

High-pass Filters, *2007 International Conference on Innovative on Computing, Information and Control*, Kumamoto, Japan, ICICIC2007-IS11-005, Sep. 3 ~ September 5, 2007.

【indexed by EI Compendex and ISTP】

- Kai-chao Yao, **Chin-Wen Liao**, Li-ling Chao(2007). Fu-yu Lin Virtual Impedance Analyzer Design and Implementation, *2007 International Conference on Innovative on Computing, Information and Control*, Kumamoto, Japan, ICICIC2007-IS11-004, Sep. 3 ~ September 5, 2007. 【indexed by EI Compendex and ISTP】
- Chien-Yu Lu, Wen-Jye Shyr, **Chin-Wen Liao**, Hsun-Heng Tsai(2007). Delay-Range-Dependent Global Robust Stability of Discrete-Time Uncertain Recurrent Neural Networks with Interval Time-Varying Delay, *2007 14th International Conference on Neural Information Processing*, Kitakyushu, Japan, ICONIP2007-Submission ID: 91, Nov. 13 ~ Nov. 16, 2007. 【indexed by EI Compendex and ISTP】
- 廖錦文、盧建余、鄭志遠 (2007)。中等學校職業類科實習教師資訊融入教學能力與態度之研究。中華民國九十六年全國計算機會議論文集，台中縣：亞洲大學，2007年12月20日~21日，625-637。
<http://dSPACE.lib.fcu.edu.tw/bitstream/2377/10871/1/CE07NCS002007000114.pdf>。
- 廖錦文、丁嘉慰 (2007)。能源管理與節約能源方案應用在高級中等學校之實證研究。2007年能源與光電薄膜科技研討會論文集，臺北市：大同大學尚志教育館，2007年12月21日~22日，37-42。NSC 95-2516-S-018 -004 -MY2。
- 廖錦文、盧俊宇 (2007)。風力發電系統教學實驗監控模組之研究。2007年能源與光電薄膜科技研討會論文集，臺北市：大同大學尚志教育館，2007年12月21日~22日，107-112。NSC 95-2516-S-018 -004 -MY2。
- 廖錦文 (2007)。教師及家庭、社會教育人員專業知能培育之規劃研究。國立中興大學師資培育中心「教師專業發展」學術研討會論文集，臺中市：國立中興大學，2007年12月14日，55-66。
http://163.17.163.7/upfiles/school/board/1588/1196228655_1-1195522265_961114.pdf
- 廖錦文、盧建余、蘇建明 (2007)。中等學校職業類科教師能源科技融入教學能力與態度之研究。2007第二屆台灣綠色能源暨新創產品研討會論文集，彰化市：國立彰化師範大學，2007年12月01日，137-144。
- 廖錦文、盧建余、郭姿吟 (2007)。高級中等學校推動省能節源指標方案及其成效評估之研究。2007第二屆台灣綠色能源暨新創產品研討會論文集，彰化市：國立彰化師範大學，2007年12月01日，130-136。
- 廖錦文、林正皓、楊文方 (2007)。職業類科實習教師資訊科技融入教學能力與態度之研究。第八屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2007

年4月20日，145-153。

- **廖錦文** (2007)。教師及家庭、社會教育人員專業知能培育之規劃研究。96學年度「教師專業發展學術研討會」論文集，2007年10月28日。
- **廖錦文** (2007)。中等學校推動省能節源指標方案及其成效評估之研究。2007年能源與光電薄膜科技研討會暨國科會專題計畫研究成果發表會，2007年10月25日。
- **廖錦文** (2007)。風力發電系統教學實驗監控模組之研究。2007年能源與光電薄膜科技研討會暨國科會專題計畫研究成果發表會，2007年10月25日。
- **廖錦文**、林正皓、楊文方 (2007)。職業類科實習教師資訊科技融入教學能力與態度之研究。第八屆提升技職學校經營品質研討會論文集，彰化市：國立彰化師範大學，2007年4月20日，145-153。
- 趙志揚、楊寶琴、**廖錦文**、陳香燕 (2006)。九十五年度高中職社區化諮詢輔導結果之探討。2006全國高中職社區化研討會論文集，台北市：大安高工，2006年7月21日，1-14。
- **廖錦文**、張瀧升 (2006)。從各層面探究高中職社區化推動之影響因素。2006全國高中職社區化研討會論文集，台北市：大安高工，2006年7月21日，285-294。
- **廖錦文**、張瀧升 (2006)。高中職社區化諮詢輔導實施歷程之探究。2006全國高中職社區化研討會論文集，台北市：大安高工，2006年7月21日，63-71。
- **廖錦文**、許唐榮 (2006)。高中職社區化網路開課意願之調查研究。2006全國高中職社區化研討會論文集，台北市：大安高工，2006年7月21日，303-312。

姓名	盧建余	職 級	教授
<p>■ 學術期刊論文：</p>			
<p>(A) 國外期刊或 SCI, EI 論文(Refereed Journal Papers) *通信作者</p>			
<ol style="list-style-type: none"> 1. <u>Lu, C. Y.</u>, “A Delay-Dependent Approach to Robust Control for Neutral Uncertain Neural Networks with Mixed Interval Time-Varying delays,” <i>Nonlinearity</i>, 2011. (Accepted) (SCI, Impact Factor=1.258) 2. Liao, Chin-Wen and *<u>Lu, C. Y.</u>, “Design of Delay-Dependent State Estimators for Discrete-Time Recurrent Neural Networks with Interval Discrete and Infinite-Distributed Time-Varying Delay,” <i>Cognitive Neurodynamics</i>, 2011.(Accepted) (SCI, Impact Factor=2.263) 3. Shou, Ho-Nien and *<u>Lu, C. Y.</u>, “Delay-dependent robust passive control for discrete-time uncertain internet-based systems with interval time-varying delay,” <i>Journal of Engineering</i>, 2010. (Accepted) 4. Chin-Wen Liao and *<u>Lu, C. Y.</u>, “Design of Delay-Range-Dependent Robust Controller for Uncertain Genetic Regulatory Networks with Interval Time Varying Delays.” <i>Automatic Control and Computer Sciences</i>, vol. 44, no. 4, 2010. 5. Chang, K. Y., <u>Lu, C. Y.</u>, Shih, C. H. and Chen, P. C., “Multi-objective controller design for bi-linear stochastic systems via sliding mode control concept,” <i>Proceedings of The Institution of Mechanical Engineers Part- I-Journal of System And Control Engineering</i>, vol. 223, pp. 435-443, 2009. (SCI, Impact Factor=0.322) 6. <u>Lu, C. Y.</u>, Liao, C. W. and Tsai, H. H., “Delay-range-dependent global robust passivity analysis of discrete-time uncertain recurrent neural networks with interval time-varying delay,” <i>Discrete Dynamics in Nature and Society</i>, vol. 2009, 2009. (SCI, Impact factor: 1.028) 7. <u>Lu, C. Y.</u>, Shyr, W. J., Yao, K. C., Liao, C. W., Huang, C. K. and Zheng, K. Y., “Delay-Dependent H_∞ Control for Discrete-Time Uncertain Recurrent Neural Networks with Interval Time-Varying Delay,” <i>International Journal of Innovative Computing Information and Control</i>, vol. 5 , no. 10. 2009. (SCI, Impact Factor=2.791) 8. Yao, K. C., <u>Lu, C. Y.</u>, Shyr, W. J. and Chen, D. F., “Robust output feedback control design of decentralized stochastic singularly-perturbed computer controlled systems with multiple 			

- time-varying delays,” *International J. Innovative Computing, Information and Control*, vol. 5, no. 10, 2009. (SCI, Impact Factor=2.791)
9. Shyr, W. J., Yao, K. C., **Lu, C. Y.** and Chen, D. F., “Development of web-based human interface laboratory platform for mechatronics module,” *International J. Innovative Computing, Information and Control*, vol. 5, no. 11, 2009. (SCI, Impact Factor=2.791)
 10. **Lu, C. Y.**, Shyr, W. J., Yao, K. C. and Chen, D. F., 2009, “Delay-dependent approach to robust stability for uncertain discrete stochastic recurrent neural networks with interval time-varying delays,” *ICIC Express Letters*, vol. 3, no. 3, 2009. (EI)
 11. C. W. Liao, **Lu, C. Y.**, Kai-Yuan Zheng and Chien-Chung Ting “A Delay-dependent Approach to Design State Estimator for Discrete Stochastic Recurrent Neural Network with Interval Time-Varying Delays,” *ICIC Express Letters*, vol. 3, no. 3, 2009. (EI)
 12. Der-Fa Chen, **Lu, C. Y.**, Wen-Jye Shyr and Kai-Chao Yao “Adaptive Controller Design and Implementation for A BLDC Motor Drive System.” *ICIC Express Letters*, vol. 3, no. 3, 2009. (EI)
 13. Kai-Chao Yao, Der-Fa Chen, **Lu, C. Y.** and Wen-Jye Shyr, “Establishment of New Electro-Encephalogram Measurement Technology By Integrating Virtual Instrument,” *ICIC Express Letters*, vol. 3, no. 3, 2009. (EI)
 14. Wen-Jye Shyr, Kai-Chao Yao, Der-Fa Chen and **Lu, C. Y.**, “Web-Based Remote Monitoring and Control System for Mechatronics Module,” *ICIC Express Letters*, vol. 3, no. 3, 2009. (EI)
 15. **Lu, C. Y.**, Su, T. J. and Huang S. C., “Delay-dependent stability analysis for recurrent neural networks with time-varying delay,” *IET Control Theory and Applications*, vol. 2, pp. 736-742, 2008. (SCI, Impact Factor= 1.070)
 16. **Lu, C. Y.**, “A Delay-Range-Dependent Approach to Design State Estimator for Discrete-Time Recurrent Neural Networks With Interval Time-Varying Delay,” *IEEE Transaction On Circuits And Systems—II: Express Briefs*, vol. 55, pp. 1163-1167, 2008. (SCI, Impact Factor=1.436)
 17. **Lu, C. Y.**, Tsai, H. H., Su, T. J., Tsai, J. S. H. and Liao, C. W., “A delay-dependent approach to passivity analysis for uncertain neural networks with time-varying delay,” *Neural Processing Letters*, 2008. (SCI, Impact Factor=0.74)
 18. **Lu, C. Y.**, Su, T. J., Su, Y. H. and Huang, S. C., 2008, “ A delay-dependent approach to

stability for static recurrent neural networks with mixed time-varying delays,” vol. 4, No. 7, International J. Innovative Computing, Information and Control, pp. 1661-1672. (SCI, Impact factor: 0.724)

19. Lu, C. Y., 2007, “A delay-range-dependent approach to global robust stability for discrete-time uncertain recurrent neural networks with interval time-varying delay,” *Proceedings of the I MECH E Part I: J. Systems and Control Engineering*, vol. 221, pp.1123-1132. (SCI, Impact factor: 0.322)
20. Tseng, K. H. and Tsai, J. S. H. and Lu, C. Y., “A delay-dependent approach to robust Takagi-Sugeno fuzzy control of uncertain recurrent neural networks with mixed interval time-varying delays,” *Journal of Circuits, Systems, and Computers*, 2011. (revised)

(B) 國內期刊論文(Refereed Journal Papers)

1. Lu, C. Y., Liao, C. W., Chang, K. Y. and Chang W. J., “A delay-dependent approach to robust stability for uncertain stochastic neural networks with time-varying delay,” *J. Marine Science and Technology*, vol. 18, pp. 77-83, 2010. (SCI, Impact factor = 0.830)
2. Lu, C. Y., Chang, K. Y., Tsai, H. H. and Chang, W. J., “A delay-dependent approach to robust stability for uncertain hybrid bidirectional associative memory neural networks with time-varying delays,” *J. Marine Science and Technology*, vol. 18, pp. 164-171, 2010. (SCI, Impact factor = 0.830)
3. Lu, C. Y., Liao, C. W., Tsai, H. H., Tsai, J. S. H. and Cheng, J. C., 2007, “An LMI approach to passivity analysis for uncertain neural networks with multiple time-varying delays,” *International Journal of Electrical Engineering*, vol. 14, pp.307-314 . (EI)

■ 專書及專書論文：

1. 張寬裕、蕭永嘉、盧建余、張啟原；燃料電池原理、量測與建模；鼎茂圖書出版股份有限公司，出版日期: 2010/06/01。

■ 學術研討會論文：

(A) 國外或國際學術研討會論文 (Conference Papers)

1. **Lu, C. Y.**, Yu-Min Su, Hsin-che chang, Ho-Chin Huang, “Delay-Dependent Robust Passivity Analysis for Uncertain Genetic Regulatory Networks with Interval Time-Varying Delays,” *The 8th Asian Control Conference*, 2011. (Accepted)
2. **Lu, C. Y.**, Chin-Wen Liao, and Fu-Hwa Liu, “Delay-Dependent State Estimators for Discrete-Time Recurrent Neural Networks with Interval Discrete and Infinite-Distributed Time-Varying Delays,” *2010 International Symposium on GPS/GNSS*, 2010.
3. **Lu, C. Y.**, Liao, C. W., Tsai, H. H., Huang , Y. W., Ting, C. C., Su, Y. M. and Fan, J. S., 2009, “Design of delay-range-dependent robust controller for uncertain genetic regulatory networks with interval time-varying delays,” *Proceedings of 2009 CACS International Automatic Control Conference, National Taipei University of Technology, Taipei, Taiwan, Nov. 27-29.*
4. **Lu, C. Y.**, Huang, Y. W., Ting, C. C., Su, Y. M., Liao, W. N., 2009, “A Delay-dependent approach to robust control for neutral uncertain neural networks with mixed interval time-varying delays,” *Proceedings of 2009 CACS International Automatic Control Conference, National Taipei University of Technology, Taipei, Taiwan, Nov. 27-29.*
5. Shyr, W. J., Yao, K. C., Chen, D. F. and **Lu, C. Y.**, 2009, “Web-based remote monitoring and control system for mechatronics module,” *2009 International Symposium on Intelligent Informatics.*
6. Yao, K. C., Chen, D. F., **Lu, C. Y.**, and Shyr, W. J., 2009, “Establishment of new electro-encephalogram measurement technology by integrating virtual instrument,” *2009*

International Symposium on Intelligent Informatics.

7. Chen, D. F., Lu, C. Y., Shyr, W. J. and Yao, K. C., 2009, "Adaptive controller design and implementation for a bldc motor drive system," *2009 International Symposium on Intelligent Informatics.*
8. Lu, C. Y., Shyr, W. J., Yao, K. C. and Chen, D. F., 2009, "Delay-dependent approach to robust stability for uncertain discrete stochastic recurrent neural networks with interval time-varying delays," *2009 International Symposium on Intelligent Informatics.*
9. Liao, W. C., Lu, C. Y., Zheng K. Y. and Ting, C. C., 2009, "A delay-dependent approach to design state estimation for discrete stochastic recurrent neural network with interval time-varying delays," *2009 International Symposium on Intelligent Informatics.*
10. Lu, C. Y., Shyr, W. J., Yao, K. C., Liao, C. W., Huang, C. K. and Zheng, K. Y., 2008, "Delay-dependent H^∞ control for discrete-time uncertain recurrent neural networks with interval time-varying delay," *2008 International Symposium on Intelligent Informatics.*
11. Lu, C. Y., Zheng K. Y., Liao, C. W., and Huang, C. K., 2008, "Delay- dependent approach to robust stability for uncertain discrete stochastic recurrent neural networks with interval time-varying delays," *Proceedings of 2008 CACS International Automatic Control Conference National Cheng Kung University, Tainan, Taiwan, Nov. 21-23.*

(B) 國內學術研討會論文 (Conference Papers)

1. **Lu, Chien-Yu**, Huang, Ho-Chih, Liao, Chin-Wen, Su, Yu-Min, Chang, Hsin-Che, Ting, Chien-Chung, "A Delay-Dependent Approach to Exponential Estimator Design for Neutral Neural Networks with Mixed Interval Time-Varying delays," 2010 安全管理與工程技術國際研討會, 吳鳳科技大學。
2. 毛偉龍、章永昌、曾維胤、盧建余 (2010), 伽利略系統信號搜尋架構研究, 2010 電信研討會, 長庚大學。
3. 毛偉龍、林柄宏、曾峰元、呂炤易、陳柏宏、盧建余 (2010), ZigBee 無線網路於太陽能板監控系統之應用, 2010 民生電子研討會, 南台科技大學。
4. 黃川桂, 廖錦文, 盧建余, 莊佳瑜, 田麗珠, 徐銘宏 (2010), 職業學校實用技能學程

教師對教師專業發展認知與態度量表之研究，第十一屆提升技職學校經營品質研討會，國立彰化師範大學。

5. 廖錦文，盧建余，陳采秀，宋沛昀，葉美延（2010），高職電機與電子群教師對教師在職進修態度與教師進階制度認知量表發展之研究，第十一屆提升技職學校經營品質研討會，國立彰化師範大學。
6. 盧建余，廖錦文，陳宣煉，林明山，劉明宗，羅金盛（2010），高職機械群學生對機械工廠安全衛生認知與態度量表發展之研究，第十一屆提升技職學校經營品質研討會，國立彰化師範大學。
7. 廖錦文、盧建余（2009）。全球五大筆記型電腦代工廠測試部門之員工價值觀與工作滿意研究。第十屆提升技職學校經營品質研討會，國立彰化師範大學工業教育與技術學系。
8. 廖錦文、盧建余（2009）。職業學校教師對職業學校群科課程綱要之學校本位課程認知與態度研究。第十屆提升技職學校經營品質研討會，國立彰化師範大學工業教育與技術學系。
9. 廖錦文、盧建余、李旻憶、施孜孜（2008）。跨國多元視訊課程資訊網絡建置與教學實施成效之研究。第九屆提升技職學校經營品質研討會，國立彰化師範大學工業教育與技術學系。

姓名	梁滄郎	職 級	副教授
最學術期刊論文：			
Liang, T. L., Lin, C. W., Chan, L. C. & Huang, Y. L. (2011). Relationship between leadership behaviors and task performance: The mediation role of job satisfaction and the moderation role of social distance. <i>African Journal of Business Management</i> , 5(14), 5920-5928. 【 SSCI, IF=1.105 】 【 ISSN 1993-8233 】			
Chiu, S. I., Lee, J. Z., & Liang, T. L. (2011). Does the teacher's pet phenomenon inevitably cause classroom conflict? Comparative viewpoints of three pet-student groups. <i>School Psychology International</i> . (已接受) 【 SSCI, IF=0.716 】 【 ISSN 0143-0343 】			
Liang, T. L., Cho, Y. C., & Liu, T. M. (2011). A Study on the Relationships between Teachers' Extrinsic Motivational Factors and Students' Learning Satisfaction of Pragmatic Skills Programs at Vocational High Schools based on Teaching Materials. <i>Communications in Computer and Information Science</i> . (已接受) 【 EI 】 【 ISSN 1865-0929 】			
Liang, T. L., Liu, T. M., & Cho, Y. C. (2011). Research on different evaluation performance level based on Analysis of Scientific Materials. <i>Communications in Computer and Information Science</i> . (已接受) 【 EI 】 【 ISSN 1865-0929 】			
Liang, T. L., Cho, Y. C., & Liu, T. M. (2010). A Study on Commercialized Patent-Based Innovative Course Development for Technological College. <i>The International Journal of Learning</i> , 18(1), 361-376. 【 ISSN 1447-9494 】			
Liang, T. L., Cho, Y. C., Liu, T. M., & Chou, Y. F. (2010). A Study on the Relationships between Teachers' Teaching Behaviors and Students' Learning Satisfaction with Pragmatic Skills Programs at Vocational High Schools. <i>The International Journal of Learning</i> , 17 (10), 105-120. 【 ISSN 1447-9494 】			
Yang, S. C., & Liang, T. L. (2008). Study of a Single Screw Compressor with a Conical Teeth Gate Rotor. <i>Transactions of the CSME</i> , 32(3), 333-352. 【 SCI, IF= 0.133 】 【 ISSN 0315-8977 】			
Yang, S. C., Tsai, C. F. & Liang, T. L. (2008). Using Double Envelope Method on a Planetary Gear Mechanism with Double Circular-arc Tooth. <i>Transactions of the CSME</i> , 32(2), 267-281. 【 SCI, IF= 0.133 】 【 ISSN 0315-8977 】			
Yang, S. C., & Liang, T. L. (2008). A Planetary Gear Train with Ring-Involute Tooth. <i>Transactions of the CSME</i> , 32 (2), 251-266. 【 SCI, IF= 0.133 】 【 ISSN 0315-8977 】			
Yang, S. C., & Liang, T. L. (2007). Modeling and manufacturing of PP-type single screw compressor. <i>Transactions of the CSME</i> , 31(2), 219-234. 【 SCI, IF= 0.167 】 【 ISSN 0315-8977 】			
李介至、陳泉源、梁滄郎 (2010)。防禦悲觀者的動機分析及在成就評價後之情緒適應：以成長曲線模式分析為例。教育心理學報，41 (4)，733-750。【TSSCI】 【 ISSN 1011-5714 】			
李介至、黃孟儒、梁滄郎 (2009)。防禦悲觀者、樂觀者及悲觀者在焦慮及反思策略之差異：高/低任務難度及工具性之調節效果。中華輔導與諮商學報，26，239-270。【TSSCI】 【 ISSN 1728-5186 】			

梁滄郎、卓英潔、劉琮閔、陳詩穎、周育帆（2010）。高級工業職業學校學生之個人特質與創新行為關係之研究。**工業教育與技術期刊**，34，1-12。

李介至、邱紹一、梁滄郎、李惠玲（2009）。自我頗足策略之動機目標即與自立歸因偏見之關係-高低成就之決之恆等性分析。**台灣師大技術及職業教育學報**，2（3），53-78。

李介至、梁滄郎（2007）。高/低嚴格評量知覺對護理學生避免特質及自我頗足策略之作用效果。**台灣師大技術及職業教育學報**，1（1），27-48。

李介至、梁滄郎（2007）。教師偏愛學生現象對國中小學生班級士氣及心理適應之影響：受偏愛學生/非偏愛學生之多重樣本分析。**屏東教育大學學報**，28，1-27。

梁滄郎、白一雅（2007）。加拿大技職教育的特色與發展趨勢。**師說**，200，9-12。

■ 專書及專書論文：

梁滄郎（2005）。九年一貫防災科技教育種子教師培訓計劃（計畫主持人）。教育部。

梁滄郎（2005）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃：實用技能學程（協同主持人）。教育部中部辦公室。

梁滄郎（2004）。師資培育教師在職進修製圖科網站（計畫主持人）。教育部。

梁滄郎（2004）。師資培育教師在職進修機械製造與機製圖科網站（計畫共同主持人）。教育部。

梁滄郎（2004）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃：實用技能學程（協同主持人）。教育部中部辦公室。

梁滄郎（2004）。台灣省高中職社區化教育需求評估之研究（協同主持人）。教育部中部辦公室。

梁滄郎（2003）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃:實用技能學程-期末報告（計畫主持人）。教育部中部辦公室。

梁滄郎（2003）。師資培育教師在職進修機械製造與機製圖科網站（計畫共同主持人）。教育部。

梁滄郎（2003）。師資培育教師在職進修製圖科網站（計畫主持人）。教育部。

梁滄郎（2002）。實用技能學程課程綱要（計畫主持人）。教育部技術及職業教育司。

梁滄郎（2002）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃:實用技能學程-期末報告（計畫主持人）。教育部技術及職業教育司。

梁滄郎（2002）。實用技能學程校訂科目參考表（計畫主持人）。教育部技術及職業教育司。

梁滄郎（2002）。師資培育教師在職進修製圖科網站（計畫主持人）。教育部。

梁滄郎（2002）。師資培育教師在職進修機械製造與機製圖科網站（計畫共同主持人）。教育部。

梁滄郎（2001）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃-實用技能學程課程總綱（計畫主持人）。教育部技術及職業教育司。

梁滄郎（2001）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃（實用技能班）-期末報告（計畫主持人）。教育部技術及職業教育司。

梁滄郎（2001）。技藝教育檢討與改進規劃-課程教材研發工作小組工作計劃-實用技能學程

教學綱要（計畫主持人）。教育部技術及職業教育司。

■ 學術研討會論文：

- Liang, T. L. (2011). An Investigation of Integrated Vocational Training Programs at High School Level in Taiwan. 4th International Conference for Theory and Practice in Education Society and Education, Budapest, between 9 and 11 June, 2011.
- Chao, J. Y. & Liang, T. L. (2011). Relationships among Learning Styles, Listening Strategies and Listening Comprehension of Taiwanese EFL Students. 4th International Conference for Theory and Practice in Education Society and Education, Budapest, between 9 and 11 June, 2011.
- Liang, T. L., Cho, Y. C., & Liu, T. M. (2010). A Study on Commercialized Patent-Based Innovative Course Development for Technological College. *The International Conference on Learning*, Hong Kong, between 6 and 9 July, 2010.
- Liang, T. L., Cho, Y. C., Liu, T. M., & Chou, Y. F. (2010). A Study on the Relationships between Teachers' Teaching Behaviors and Students' Learning Satisfaction with Pragmatic Skills Programs at Vocational High Schools. *The International Conference on Learning*, Hong Kong, between 6 and 9 July, 2010.
- Liang, T. L., Liu, T. M., & Cho, Y. C. (2010). A Study on the Construction and Verification of Industry-Based Precision Manufacturing Technique Competence Indicators of Applied English at Technological College Level. *Hawaii International Conference on Education*, Hawaii, between 7 and 10 January, 2010.
- Liang, T. L., & Lu C. H., (2009). Relationships among Leader Behaviors, Emotional Intelligence and Organizational Change of Vocational High School Principals. *The International Conference on Learning*, Spain, between 1 and 4 July, 2009.
- Liang, T., S., & Chen, J. (2007). *An action research on problem-solving strategies for solving students' behavior problems for supplementary vocational high school teachers in Taiwan*. Redesigning Pedagogy: Culture, Knowledge and Understanding Conference will be held between, May 28-30, 2007, Singapore.
- Liang, T., Nieng, S., Lin, C. J., & Wang, C. C. (2005). *Relationships between leadership powers and leadership effectiveness of the deans of student affairs at vocational high schools. Relationships between leadership powers and leadership effectiveness of the deans of student affairs at vocational high schools*, Gdynia, Poland, between 17 and 20 June 2005.
- 梁滄郎、林致瑋、程鈺真、林永順、黃衣莉（2010）。探究教學影響高職學生學習動機與團隊合作之研究。第十一屆提升技職學校經營品質研討會論文集，322-331。彰化：國立彰化師範大學。
- 李介至、梁滄郎、楊世圳（2009）。拖延行為是否毫無效益？技職學生積極拖延行為之特質驗證。第十屆提升技職學校經營品質研討會論文集，235-238。彰化：國立彰化師範大學。
- 梁滄郎、卓英潔、廖堃州、周育帆（2009）。特殊教育學校組織變革、組織承諾與學校效能關係之研究。第十屆提升技職學校經營品質研討會論文集，391-397。彰化：國立彰化師範大學。

- 李介至、梁滄郎（2008）。以潛在成長曲線模式驗證防禦悲觀者在成回饋後之長期心理適應。**2008彰雲嘉大學校院聯盟學術研討會論文集**，949-953。
- 李介至、梁滄郎、陳泉源（2008）。技職科學之工具知覺、任務難度及其防禦性悲觀之線性模式評估。**技職教育課程、教學與學習學術研討會論文集**，17-27。高雄：國立高雄餐旅學院。
- 梁滄郎、卓英潔、盧錦慧（2008）。高級工業職業學校學生之個人特質、學習歷程與創新力關係之研究。**2008創造力教育國際學術研討會**。台北：國立政治大學。
- 梁滄郎、盧錦慧、卓英潔（2008）。高職校長領導行為與情緒智力關係之研究。**第九屆提升技職學校經營品質研討會論文集**，426-431。彰化：國立彰化師範大學。
- 梁滄郎、卓英潔、盧錦慧（2008）。高級工業職業學校學生之個人特質與創新行為關係之研究。**第九屆提升技職學校經營品質研討會論文集**，1-7。彰化：國立彰化師範大學。
- 梁滄郎、葉真銀（2008）。弊端揭發人保護制度下倫理領導(Ethical Leadership)與組織績效之相關研究。**2008第九屆管理學域學術研討會論文集**，A-139-A-154。台中：朝陽科技大學。
- 梁滄郎、葉真銀（2008）。企業中、高階經理人對其總經理領導行為與危機管理相關之研究。**第十屆企業連鎖經營發展與管理學術暨實務研討會論文集**，415-432。台北：景文科技大學。
- 梁滄郎、劉世傑（2007）。以後設研究探討我國印刷電路板產業面臨之衝擊與挑戰。**第二屆策略管理研討會論文集**。台北：國立台北大學。
- 梁滄郎、劉世傑（2007）。管理新趨勢—國際績效管理的運作實務。**第二屆策略管理研討會論文集**。台北：國立台北大學。
- 梁滄郎、陳秋萍、卓英潔、盧錦慧（2007）。綜合高中機械相關專門學程與高職機械科課程之比較。**第八屆提昇技職教育品質管理研討會論文集**，59-66。彰化：國立彰化師範大學。
- 陳繁興、梁滄郎、陳佳莉、施順仁（2007）。私立高中職學校教師工作壓力、組織承諾與離職傾向的關係。**第八屆提昇技職教育品質管理研討會論文集**，1-8。彰化：國立彰化師範大學。
- 梁滄郎、卓英潔、盧錦慧、劉世傑（2007）。高職教師創造力教學策略之研究-以國立秀水高工為例。**第五屆創新與創造力研討會論文集**。台北：國立政治大學。
- 梁滄郎、王志中、盧錦慧、張瑋策（2006）。高職女性校長領導特質、領導行為與領導效能關係之研究。**第七屆提昇技職學校經營品質研討會論文集**。彰化：國立彰化師範大學。
- 蕭錫錡、梁滄郎、李明昭（2006）。高職實用技能學程暫行課程綱要實施成效之研究。**第七屆提昇技職學校經營品質研討會論文集**，159-163。彰化：國立彰化師範大學。

姓名	陳清檳 (Chin-Pin Chen)	職 級	副教授
<p>A. 學術期刊論文</p> <ol style="list-style-type: none"> 1. 陳清檳、李靜儀、黃耀賢、柯明家 (2011)。電腦化漸進提示評量對學生2D技術課程學習成效與邏輯思考能力之研究。教育學刊，37，12月刊登。(TSSCI期刊) [ISSN 1563-3527] 2. Wen-Jong Chen, Chin-Pin Chen and Yung-Fu Chang. Application of Scaffolding Theory Construction with Internet Pneumatic Circuit Design Based on Teaching Materials from Interactive e-Learning Research. <i>Advances in Computer Science, Environment, Ecoinformatics, and Education</i>, 218, 381-385. (EI期刊) [ISSN 1865-0929] 3. Chin-Pin Chen, David Wen-Shung Tai, Ching-Yi Lee, Yu-Lin Hsiao, and Hsuan-Yu Chen. Developing the Digital Materials of Display Technology of Daily Life for Technological and Vocational Student. <i>Advances in Computer Science, Environment, Ecoinformatics, and Education</i>, 218, 309-313. (EI期刊) [ISSN 1865-0929] 4. Dyi-Cheng Chen, Chin-Pin Chen, Ching-Yi Lee, Ci-Syong You & Chih-Hsuan Jao (2011). Using an analytic hierarchy process to develop competencies on mould product creativity for vocational college students. <i>World Transactions on Engineering and Technology Education</i>, 9(1), 54-59. [ISSN 1446-2257] (國科會2.4級期刊) 5. Hui-Min Lai, Chin-Pin Chen (2011). Factors Influencing Secondary School Teachers' Adoption Of Teaching Blogs. <i>Computers & Education</i>, 56(4), 948-960. (SSCI期刊，IF=2.059) [ISSN 0360-1315] 6. Chin-Pin Chen, Chiung-Wen Hsieh (2010). A Canonical Correlation Analysis among Students' Personality Traits, Class Students' Behaviors and Academic Achievement. <i>International Journal of Technology and Engineering Education</i>, 7(3), 43-52. [ISSN 1816-9325](國科會3.1級期刊) 7. David Wen-Shung Tai, Chin-Pin Chen, Ching-Yi Lee, Ren-Cheng Zhang (2010). A Planning Process for Photonics and Daily Life Curriculum at Technical Institute with Delphi Analysis. <i>International Journal of Technology and Engineering Education</i>, 7(3), 53-64. [ISSN 1816-9325] (國科會3.1級期刊) 8. Chin-Pin Chen, Ching-Yi Lee, Pei-Ling Tsai (2010). Exploring the Relationship between Learning Styles, Students Behaviors in a Class and Academic Achievements of Students in the Department of Machinery in Vocational Schools. <i>The International Journal of Learning</i>, 17(8), 205-216. [ISSN 1447-9494] 9. Chin-Pin Chen, David W.S. Tai, Ching-Yi Lee, Ren-Cheng Zhang (2010). Constructing the graduated prompting assessment learning system for computer-aided manufacturing cutting technique. <i>World Transactions on Engineering and Technology Education</i>, 8(2), 175-181. [ISSN 1446-2257] (國科會2.4級期刊) 10. Chin-Pin Chen, Ruey-Gwo Chong, Chia-Fang Hsieh, Shu-Jhen, Dai, Shao-Shu Huang, Jin-Chuan Lee (2010). The Effect of Corporate Culture, Perceptions of Organizational Politics, Cognition of Leadership Styles on Turnover Intention for R&D Employees. 			

Journal of International Academia-Industry Cooperation and Management, 1(2), 1-14.
[ISSN 2077-5032]

11. 陳清檳、陳穎謙、李靜儀、張仁誠 (2010, 5月)。電腦輔助製造2D技術學習評量系統之建構。數位學習科技期刊, 3(2), 頁50-64。 [ISSN 2071-260X]
12. 陳文中、李欣璋、陳清檳 (2010, 6月)。產業導向技職校院學生沖壓模具問題解決能力指標之建構。技職教育期刊, 1, 頁30-50。
13. 陳清檳、黃文喜、張文宗 (2010, 5月)。高職電機電子群學生父母管教方式、學習態度與學習成效知覺之研究。教育與多元文化研究, 2, 頁223-260。 [ISSN 2078-0222]
14. 陳清檳、蕭育琳、徐智璋 (2010, 3月)。國中生知覺教師領導風格與學生組織公民行為之研究。中等教育, 61(1), 頁52-73。 [ISSN 1018-0230]
15. 陳清檳、賴秀芳、盧淑慧 (2010, 1月)。不同半導體產業類型、組織文化、組織公民行為對組織效能影響之研究。臺中技術學院學報, 14, 頁131-146。 [ISSN 1607-2413]
16. Chin-pin Chen, Ching-yi Lee, Chieh-lun Weng, Shu-Chen Tai, Chien-Chou Chen (2009). The study of parenting style, perceived superior's transformational leadership and turnover tendency for R&D personnel in communication related industries. *Journal of International Academia-Industry Cooperation and Management*, 1(1), 1-13. [ISSN 2077-5032]
17. 戴文雄、張永福、陳穎謙、陳清檳 (2009, 6月)。高中職實用技能學程學生人格特質、自我效能與學習動機之研究。技術及職業教育學報, 3(1), 頁1-24。 [ISSN 1812-3112]
18. Dyi-Cheng Chen, Ching-Pin Chen (2008). Use of Taguchi Method to Analyse a Robust Design for Titanium –aluminum Sandwich Sheets during Rolling. *International Journal of Engineering Simulation*, 9(3), 22-30. [ISSN 0020-7225]
19. 戴文雄、張永福、陳穎謙、陳清檳 (2008, 12月)。高中職實用技能學程學生自我效能、學習動機與學習滿意度相關之研究。中國工業職業教育學會。96年度論文集。頁157-174。
20. 陳清檳、鄭瑞娟、翁傑倫、張仁誠 (2008, 12月)。國民中學技藝教育學程學生學習動機、學習成效知覺與生涯意向相關之研究。中國工業職業教育學會。96年度論文集。頁175-187。
21. Dyi-Cheng Chen, Ching-Pin Chen (2008). Investigation into equal channel angular extrusion process of billet with internal defects. *Journal of materials processing technology*, 204, 419-424. (SCI, impact factor:0.816). [ISSN 0924-0136]
22. 陳清檳、賴秀芳 (2007, 12月)。半導體產業工程人員組織文化與組織公民行為之研究。工業教育與技術學刊, 期32, 頁115-130。
23. 陳清檳、賴秀芳 (2007, 12月)。組織文化與組織效能相關之研究-以半導體產業工程人員為例。中國工業職業教育學會。96年度論文集。頁107-122。
24. 鍾瑞國、陳清檳、黃紹書 (2007, 12月)。組織文化與領導型態認知對離職傾向影響之研究-以TFT-LCD相關產業研發人員為例。中國工業職業教育學會。96年度論文集。頁123-138。
25. 陳清檳、柯志遠、林俊宏、楊得鑫 (2007, 10月)。四連桿機構應用於可撓式薄膜材料測試機之研製。理工研究學報, 第41卷第2期, 頁81-94。 [ISSN 1990-4401]

26. 陳清檳、鍾瑞國、林慶璋、黃紹書 (2007, 7月) 國內TFT-LCD相關產業組織文化與領導型態認知與組織政治知覺之相關研究。萬能科技大學商學學報。期12, 頁35-50。
。[ISBN 978-986-83638-0-9]
27. 戴淑貞、陳清檳、林慶璋、吳瑞仁 (2007, 6月) 台南縣國中技藝教育實施現況調查之研究。工業教育與技術學刊。期31, 頁111-124。

B. 研討會論文

1. Su-Chang Chen, Hsi-Chi Hsiao, Chin-Pin Chen, Chun-Mei Chou, Jen-Chia Chang, Chien-Hua Shen (2011, accepted). The Entrepreneurial Motivation and Barriers for Technical University Students in Taiwan. 2011 2nd International Conference on Education and Educational Technology. Chengdu, China, October 1-2, 2011. 【EI研討會】
2. Ching-Pin Chen, Shu-Hui Lu, Shih-Wen Huang and Hsi-Chi, Hsiao(2011). The Relationships among Personality trait, Perception of Organizational Innovative Climate, and Innovative behavior for the R&D employees of Communications and Internet Industry. 2011 Management Learning and Business Technology education. Garden Villa, Kaohsiung, Taiwan, May 9-11, 2011. 【EI研討會】
3. Chin-Pin Chen, Hsi-Chi Hsiao, Jen-Chia Chang, Chun-Mei Chou, Su-Chang Chen, Chien-Hua Shen and Chang, Evans (2011). Computerized Graduated Prompting Assessment on Student's 2D Technique of CAM. 2011 Conference On Education and Education Management(EEM 2011), China, 182-187 June 25-26, 2011. 【EI研討會】
4. David W.S. Tai, Ren-Cheng Zhang, Jia-Ling Chen and Chin-Pin Chen (2011). A Meta-Analysis of Effectiveness in Problem-Based e-Learning. 2011 Conference On Education and Education Management(EEM 2011), China, 182-187 June 25-26, 2011. 【EI研討會】
5. J-C. Chang, H-C. Hsiao, S-C. Chen, C-P. Chen, C-M. Chou & C-H. Shen (2011). The role of perception of effort-reward in the relationship between team cohesion and innovative work behaviour. 2nd WIETE Annual Conference on Engineering and Technology Education Conference Proceedings, Thailand, 23-28, 25-28 January 2011. [ISBN 978-0-9807664-2-4]
6. Chun-Mei Chou, Chien-Hua Shen, Hsi-Chi Hsiao, Hui-Tzu Chang, Wan-Hsuan Lee, Su-Chang Chen, Chin-Ping Chen, Jen-Chia Chang (2011). The Influencing Factors of Student Teachers' Entrepreneurial Learning Behavior. Fourth International Joint Conference on Computational Sciences and Optimization, China, 531-534, 15-19 April 2011.[ISBN 978-7695-4335-2] 【EI研討會】
7. 陳清檳、張仁誠、蕭錫錡、蕭育琳 (2011, 5月13日)。漸進提示動態評量對電腦輔助製造2D 繪圖課程效果之影響：以HLM 成長模式分析。2011第一屆工程教育學術研討會。頁502-509。台北：國立台灣師範大學。
8. 陳清檳、陳穎謙、張文宗 (2011, 4月22日)。商管領域博士班學生背景變項在任務挑戰、個人能力及學術成果上之差異分析。第十二屆提升技職學校經營品質研討會。頁207-213。彰化：國立彰化師範大學。
9. 陳清檳、李孚男、李欣璋 (2010, 12月11-12日)。高職實用技能班學生不同背景變項對學習態度之差異研究—以中彰投地區為例。第二十六屆「機會與平權—多元科

學教育新趨勢」研討會。花蓮：國立東華大學美侖校區。

10. 陳清檳、黃璿芳、林佳沂 (2010, 12月11-12日)。餐旅職類技藝競賽選手培訓策略之研究。第二十六屆「機會與平權—多元科學教育新趨勢」研討會。花蓮：國立東華大學美侖校區。
11. Chin-Ping Chen, Hsi-Chi Hsiao, Ching-Wei Lin, Yong-Xin Li(2010). The Interactive Effect of Knowledge Management with Organizational Citizenship Behavior on Knowledge Management Performance in Taiwan Semiconductor Industries. The IEEE international conference on industrial engineering and engineering management, Macao, 896-900, 7-10 Dec 2010. 【EI研討會】
12. Chin-Pin Chen, Yung-Fu Chang, Ying-Chien Chen (2010). The Relations among Personality Trait, Classroom Climate, Learning Motivation have on the Learning Satisfaction of Practical Technical Program Students at Senior High Schools and Vocational Senior High Schools. The 4th North-East Asia International Conference on Engineering and Technology Education, Taichung, Taiwan, 25-29 October 2010.
13. David W.S. Tai, Chin-Pin Chen, Ching-Yi Lee, Ren-Cheng Zhang (2010). Construct Photonics Technology and Daily Life Curriculum Content for Vocational and Technical College Students. The 4th North-East Asia International Conference on Engineering and Technology Education, Taichung, Taiwan, 25-29 October 2010.
14. Chin-Pin Chen, Chiung-Wen Hsieh (2010). Junior High School Students' Personality Traits, Class Students' Behaviors and Academic. The 4th North-East Asia International Conference on Engineering and Technology Education, Taichung, Taiwan, 25-29 October 2010.
15. Chin-Pin Chen, Ching-Yi Lee, Pei-Ling Tsai (2010). Exploring the relationship between learning style, class students' behavior and academic achievement of machinery students in vocational high school. 17th International Conference on Learning, July 6-9, 2010, Hong Kong.
16. 陳清檳、黃璿芳 (2010, 4月16日)。中等學校商業類科「餐旅職類」技藝競賽選手獲獎因素之研究。第十一屆提升技職學校經營品質研討會。頁77-86。彰化：國立彰化師範大學。
17. 陳清檳、楊仁聖、戴淑貞、張文宗 (2010, 4月16日)。高職機械科「專題製作」課程內涵之研究。第十一屆提升技職學校經營品質研討會。頁247-256。彰化：國立彰化師範大學。
18. Chin-Pin Chen, Hui-Min Lai, Shu-Chen Tai, Ching-Yi Lee (2010). The Relationships among the Four Factors of Adoption of Teaching Blogs for Secondary School Teachers. e-CASE & e-Tech 2010, Macau, 25-27 January 2010.[ISSN 2074-5710]
19. 陳清檳、張文宗、黃文喜 (2009, 12月25日)。高職學生父母管教方式、學習成效知覺與導師轉型領導之研究-以竹苗區為例。2009台灣教育研究學術研討會。高雄：中山大學。
20. 陳清檳、謝嘉芳、郭姿吟 (2009, 12月25日)。高職電機科學生人格特質、班級學生行為與學習成效之研究。2009台灣教育研究學術研討會。高雄：中山大學。
21. 陳清檳、蕭育琳、徐智瑋 (2009, 12月25日)。國民中學學生知覺導師轉型領導與學

- 生班級行為之研究。2009台灣教育研究學術研討會。高雄：中山大學。
22. 陳清檳、蕭育琳、徐智瑋（2009，12月18日）。國中生知覺導師領導型態與學生班級行為之研究。2009全球化、產業變遷與技術教育發展學術研討會。頁186-203。屏東：屏東科技大學。[ISBN 978-986-02-1682-0]
 23. 陳清檳、李孚男、蕭育琳（2009，12月18日）。高中職實用技職學程學生學習態度與生涯意向之研究-以中彰投地區。2009全球化、產業變遷與技術教育發展學術研討會。頁60-76。屏東：屏東科技大學。[ISBN 978-986-02-1682-0]
 24. 陳清檳、謝嘉芳、郭姿吟（2009，11月20-21日）。高職電機科學生人格特質、學習態度與班級學生行為之研究。2009技職教育國際學術研討會。台北：台灣師範大學。[ISBN 978-957-752-559-8]
 25. 陳清檳、蔡佩伶、林庚甫、張哲祥（2009，11月20-21日）。高職機械科學生學習型態、自我效能與學習成就相關之研究。2009技職教育國際學術研討會。台北：台灣師範大學。[ISBN 978-957-752-559-8]
 26. 陳狄成、陳清檳、李靜儀、尤麒熊、饒誌軒（2009，11月3-4日）。模具設計與製造技術創造力課程規劃。創造力與教育創新國際學術研討會。頁26-34。彰化：彰化師範大學。
 27. Chin-Pin Chen, Hsuan Yu Chen, Chia-Fang Hsieh, Ching Yi Lee. A study of the relationships among personality, learning attitude and academic achievement in the department of Electrical Engineering students. 2009 Annual ASEE Global Colloquium on Engineering Education, Budapest, Hungary, 12-15 October 2009.
 28. 陳清檳、陳穎謙、李靜儀、張仁誠（2009，9月25-26日）。技職校院學生電腦輔助製造2D技術學習評量系統之建構。第五屆台灣數位學習發展研討會（TWELF）。台南：台南教育大學。
 29. 陳清檳、賴慧敏、劉宗旻（2009，9月25-26日）。教師採用教學部落格因素之研究。第五屆台灣數位學習發展研討會（TWELF）。台南：台南教育大學。
 30. 陳清檳、林慶瑋、陳穎謙（2009，6月5日）。企業所屬組織創新、知識管理績效與研發人員組織公民行為相關之研究。2009第三屆創新管理學術與實務研討會。頁38-48。桃園：萬能科技大學。[ISBN 978-986-82327-8-5]
 31. 陳清檳、林慶瑋、李靜儀（2009，6月5日）。半導體產業所屬企業知識管理特徵、組織創新與研發人員組織公民行為之典型相關分析研究。2009第10屆永續發展管理研討會。頁287-295。屏東：國立屏東科技大學。[ISBN 978-986-01-4019-4]
 32. 陳清檳、蔡佩伶、張仁誠（2009，6月3日）。高職機械科學生自我效能、班級學生行為及學習成就相關之研究。2009技職教育永續發展學術研討會。頁415-427。台北：國立台北科技大學。[ISBN 978-986-01-8280-4]
 33. 陳清檳、林慶瑋、陳穎謙（2009，6月3日）。半導體產業所屬企業知識管理、知識管理績效與研發人員組織公民行為典型相關之研究。2009技職教育永續發展學術研討會。頁36-46。台北：國立台北科技大學。[ISBN 978-986-01-8280-4]
 34. 陳清檳、余家賢、蕭育琳（2009，5月25-28日）。網路搜尋融入教學對高職學生計算機概論課程學習成效與問題解決能力之研究。GCCCE 2009第十三屆全球華人計算機教育應用大會。頁1742-1747。台北：國立臺灣師範大學。[ISBN 978-957-752-546-8]
 35. 陳清檳、徐智瑋、蕭育琳（2009，5月23日）。國民中學學生知覺導師互易領導與班

級學生行為之研究。創意班級經營與實務學術研討會。頁81-99。高雄：正修科技大學師資培育中心。[ISBN 978-957-755-546-8]

36. 陳文中、李欣璋、陳清檳 (2009, 4月10日)。產業導向技職校院學生沖壓模具問題解決能力指標之建構。第十屆提升技職學校經營品質研討會。頁28-36。彰化：國立彰化師範大學。
37. 陳清檳、楊仁聖、黃文喜、盧淑惠 (2009, 4月10日)。高職電機電子群學生父母管教方式、學生學習態度與學習成效知覺相關之研究。第十屆提升技職學校經營品質研討會。頁37-44。彰化：國立彰化師範大學。
38. 陳清檳、張仁誠、翁傑倫、鄭瑞娟 (2008, 12月)。國中技藝教育學程學生學習動機、學習成效知覺與生涯意向之研究。ICCITE2008 國際科技教育課程改革與發展研討會。高雄：高雄師範大學。[ISBN 986-002-797-8]
39. 陳清檳、鄭瑞娟、翁傑倫、張仁誠 (2008, 12月5日)。國中技藝教育學程學生學習動機、學習成效知覺與生涯意向之研究——以台中縣為例。2008彰雲嘉大學院校聯盟學術研討會。頁285-290。彰化：彰化師範大學。
40. 陳清檳、張仁誠、陳狄成、陳文中 (2008, 12月5日)。彰師大工教系師生互動與學生學習滿意度之研究。2008彰雲嘉大學院校聯盟學術研討會。頁384-389。彰化：彰化師範大學。
41. 戴文雄、張永福、陳穎謙、陳清檳 (2008, 12月5日)。實用技能學程學生自我效能與學習動機之研究。2008彰雲嘉大學院校聯盟學術研討會。頁241-246。彰化：彰化師範大學。
42. 陳清檳、陳志明、張仁誠、翁傑倫 (2008, 12月5日)。高雄縣國中學生父母管教方式與偏差行為之研究。2008彰雲嘉大學院校聯盟學術研討會。頁247-252。彰化：彰化師範大學。
43. 戴文雄、張永福、陳穎謙、陳清檳 (2008, 11月15日)。高中職實用技能學程學生人格特質、自我效能與學習動機之研究。2008技藝教育國際學術研討會。頁273-292。台北：台灣師範大學。
44. Chin-Pin Chen, Ching-Yi Lee, Chun-Min Chen (2008). The study among parenting style, supervisor transformational leadership and organizational citizenship behavior-an example of communication related industry. 2008 Pacific Regional Conference on Human Resource Policy and Management, Kaohsiung, Taiwan, 11-12 July 2008.
45. Chin-Pin Chen, Chia-Hsien Yu, Hsiu-Fang Lai (2008). The Study of Relationship between Organizational Culture and Organizational Citizenship Behavior - an example of Engineers in Semiconductor Industry in Taiwan. 2008 Pacific Regional Conference on Human Resource Policy and Management, Kaohsiung, Taiwan, 11-12 July 2008.
46. 陳清檳、盧淑慧、賴秀芳 (2008, 6月4日)。不同半導體產業類型組織文化、組織公民行為組織效能之研究。2008技職教育永續發展學術研討會。頁605-620。台北：國立台北科技大學。[ISBN 978-986-01-8280-4]
47. Chin-Pin Chen, Ming-Jia Ko, Sheng-Hung Chang & Ching-Yi Lee (2008). The Study of the Two Different Assessments and Parenting Style on College Student's Computer-Aided Manufacture Curriculum Learning Performances and Logical Thinking Abilities. 3rd North-East Asia International Conference on Engineering & Technology

Education, Taichung, Taiwan, 26-30 May 2008. p153-159.

48. Chin-Pin Chen, Wen-His Huang, Ching-Yi Lee & Sheng-Hung Chang (2008).The Study of Relationship among Parenting Style,Supervisor Transformational Leadership and Organization Citizenship Behavior in R&D Personnel of Communication Related Industry. 3rd North-East Asia International Conference on Engineering & Technology Education, Taichung, Taiwan,26-30 May 2008. p107-113.
49. 陳清檳、徐智璋、賴秀芳、李哲源 (2008, 5月2日)。半導體產業工程人員組織公民行為與組織效能之研究。第九屆提升技職學校經營品質研討會。頁 378-386。彰化：彰化師範大學。
50. 陳清檳、陳文中、陳狄成、柯明家 (2008, 5月2日)。不同評量方式與父母管教方式對技職校院學生電腦輔助製造課程學習成效與邏輯思可能力之研究。第九屆提升技職學校經營品質研討會。頁 69-78。彰化：彰化師範大學。
51. CHIN-PIN CHEN, CHIUNG-WEN HSIEN & CHING-YI LEE (2008) .The Study of Relationship among Parenting Style,Supervisor Transformational Leadership , Organization Citizenship Behavior and Turnover intention in R&D Personnel of Communication Related Industry. The 17th International Conference On Management Of Technology.DIECE Dubai,U.A.E. 6th -10th APRIL 2008 .
52. CHIN-PIN CHEN, CHING-YI LEE & CHING-WEI LIN (2008). The Study of Relationship among Parenting Style,Supervisor Transformational Leadership and Turnover intention in R&D Personnel of Communication Related Industry. The 17th International Conference On Management Of Technology.DIECE Dubai,U.A.E. 6th -10th APRIL 2008 .
53. 陳清檳、李孚南、賴秀芳、翁傑倫 (2008, 4月25-26日)。半導體產業工程人員組織文化、組織公民行為與組織效能相關之研究。2008兩岸政經文教學術研討會。台北：實踐大學。[ISBN 978-957-9129-58-9]
54. 陳清檳、周天勇、柯明家、李哲源 (2008, 4月25-26日)。不同評量分方對技職校院學生電腦輔助製造課程學習成效與邏輯思可能力之研究。2008兩岸政經文教學術研討會。台北：實踐大學。[ISBN 978-957-9129-58-9]
55. 陳清檳、林俊宏、陳念甫、廖天健 (2007, 12月23-24日)。障礙式軌道競賽機器人之研發設計與製造。中國機械工程學會第二十四屆全國學術研討會。頁1920-1925。桃園：中原大學。
56. 陳清檳、林俊宏、陳念甫、周宗漢 (2007, 12月23-24日)。煙灰缸射出成形模之設計與製造。中國機械工程學會第二十四屆全國學術研討會。頁3365-3369。桃園：中原大學。
57. 陳清檳、黃舒楷、蔡宜君 (2007, 12月14-15日) 利用模糊層級程序分析法探討專利與技術評價指標之研究。2007中華民國科技管理學會年會暨論文研討會。頁98-111。[ISBN 978-986-01-6516-6]
58. 陳清檳、鄭瑞娟、賴秀芳 (2007, 11月2日) 半導體產業工程人員組織文化與組織效能相關之研究。2007年管理新思維學術研討會。頁35-52。台北：國立台灣科技大學。
59. 鍾瑞國、陳清檳、林慶璋、黃紹書 (2007, 10月30-31日)。國內TFT-LCD相關產業

組織文化與領導型態認知對研發人員離職傾向影響之研究。第五屆國際人力教育與發展研討會。頁174-185。台北：國立台灣師範大學。

60. 陳清檳、蔡秉聰、賴緯晏(2007, 8月23-24日)。新三版模組合式菸灰缸之研製。2007年模具技術成果與論文發表會。頁187-195。台北：經濟部工業局。
61. 陳清檳、張政傑、陳錦明、胡臣竹、曾俊元(2007, 8月23-24日)。射出成型模具之教學系統研發。2007年模具技術成果與論文發表會。頁390-397。台北：經濟部工業局。
62. 陳清檳、鍾瑞國、黃紹書、林慶璋(2007, 6月16日)國內TFT-LCD相關產業組織文化與領導型態認知之相關研究。2007 商業管理研討會。頁1-15。台北：國立台北科技大學。
63. 陳清檳、鍾瑞國、林慶璋、黃紹書(2007, 6月8日)。國內TFT-LCD相關產業組織文化、領導型態認知與組織政治知覺之相關研究。2007年第一屆創新管理學術與實務研討會。頁1-12。桃園：萬能科技大學。[ISBN 978-986-82327-8-5]
64. 鍾瑞國、陳清檳、黃紹書、謝嘉芳(2007, 6月6日)。TFT-LCD 相關產業研發人員領導型態認知與組織政治知覺相關之研究。2007 年技職教育永續發展學術研討會。頁439-452。台北：國立台北科技大學。[ISBN 978-986-01-8280-4]
65. 黃國禎、陳清檳、吳瑞仁、陳永芳、何秋蓮(2007, 5月18,19日)。台南縣資訊融入中小學教育之現況調查與實施建議。第三屆台灣數位學習發展研討會。頁1-8。台中：亞洲大學。
66. 陳清檳、蔡佩伶、李靜儀、賴秀芳、吳瑞仁(2007, 5月18,19日)。國民教育資訊融入教學模式之建構。第三屆台灣數位學習發展研討會。頁9-16。台中：亞洲大學。
67. 鍾瑞國、陳清檳、黃紹書、蔡佩伶(2007, 5月5日)。國內TFT-LCD相關產業組織文化與組織政治知覺之相關研究。教育研究與人力資源發展國際學術研討會。頁183-199。新竹：國立新竹教育大學。
68. 陳清檳、柯明家、劉世傑、游松培(2007, 4月20日)。產業導向技職校院學生沖壓模具問題解決能力指標之建構。第八屆提升技職學校經營品質研討會。頁30-36。彰化：國立彰化師範大學。
69. 陳清檳、柯明家、劉世傑、游松培(2007, 4月20日)。以學校本位課程發展探究高職95新課程之實施問題與解決策略。第八屆提升技職學校經營品質研討會。頁33-40。彰化：國立彰化師範大學。
70. 陳清檳、王慧珍、王沛清(2007, 4月20日)。技職校院專題製作課程發展模式之探討。第八屆提升技職學校經營品質研討會。頁265-272。彰化：國立彰化師範大學。
71. 陳清檳、曾盈慈、謝嘉芳、賴秀芳(2007, 4月20日)。技職校院機械類學生空間能力之研究。第八屆提升技職學校經營品質研討會。頁285-292。彰化：國立彰化師範大學。

C 研究報告及其他

1. 陳清檳(2011/08/01~2012/07/31), 機械類群技藝競賽獲獎之關鍵因素(100-2511-S-018-003-), 行政院國家科學委員會(主持人)。
2. 陳清檳(2011/08/01~2012/07/31), 高級自行車踏板創新鍛壓改良設計與製作實驗模具驗證之研究(100-2221-E-018-012-), 行政院國家科學委員會(共同主持人)。
3. 陳清檳(2010/08/01~2013/07/31), 技職校院創業教育課程規劃與教學實驗--技職校

院機械系科創業教育課程規劃與教學實驗(99-2511-S-018-004-MY3)，行政院國家科學委員會(主持人)。

4. 陳狄成、**陳清檳**(2009/08/01~2011/07/31)，產業導向技職校院學生精密機械製造技術基本能力指標建構與驗證之研究--產業導向技職校院學生精密機械製造技術實作創造能力指標建構與驗證之研究(98-2511-S-018-005-MY2)，行政院國家科學委員會(共同主持人)。
5. 陳狄成、**陳清檳**(2009/07/1~2010/06/30)，鋁合金自行車座管之斷面改良(98-2622-E-018-001-CC3)，行政院國家科學委員會(共同主持人)。
6. **陳清檳**(2008/12/01~2011/07/31)，產業導向技專校院學生科技與社會基礎科學能力提昇之研究-數位學習對技專校院學生光電科技與日常生活素養提升之研究『基礎應用科學教育』(97-2511-S-018-031-MY3)，行政院國家科學委員會(主持人)。
7. 趙志揚、**陳清檳**等(2008/08/1~2009/07/31)，高瞻計畫(台中女中)-子計畫四:課程評鑑研究(3/3)(97-2514-S-018-001-GJ)，行政院國家科學委員會(共同主持人)。
8. **陳清檳**(2007/08/1~2010/07/31)，漸進提示評量方式對技職校院學生電腦輔助製造課程機械實務技術能力與創造力提升之研究(96-2516-S-018-003-MY3)，行政院國家科學委員會(主持人)。
9. 李金泉、**陳清檳**(2007/08/1~2009/07/31)，運用「安全學習模式」規劃及提昇科技大學學生工作安全素養之研究(96-2516-S-218-002-MY2)，行政院國家科學委員會(共同主持人)。
10. 趙志揚、**陳清檳**等(2007/08/1~2008/07/31)，高瞻計畫(台中女中)-子計畫四:課程評鑑研究(2/3)(97-2514-S-018-001-GJ)，行政院國家科學委員會(共同主持人)。
11. 趙志揚、**陳清檳**等(2006/08/1~2007/07/31)高瞻計畫(台中女中)-子計畫四:課程評鑑研究(1/3)(96-2514-S-018-001-GJ)(共同主持人)。

姓名	黃川桂	職 級	副教授
<p>■學術期刊論文：</p> <ol style="list-style-type: none"> 1. T. J. Su & <u>Chuan-Kuei Huang</u>, “Robust Stability of Delay Dependence for Linear Uncertain Systems,” <i>IEEE Trans. on AC</i>, vol. 37, pp. 1656-1659, 1992. (SCI) 2. S. C. Tsay, <u>Chuan-Kuei Huang</u> & C. T. Chiang, “Design the Hyperchaotic Cryptosystems via the Gerschgorin Theorem,” <i>Chaos Solitons & Fractals</i>, vol. 19, pp. 935-948, 2004. (SCI) 3. S. C. Tsay, <u>Chuan-Kuei Huang</u>, D. L. Qiu & W. T. Chen, “Implementation of Bidirectional Chaotic Communication Systems Based on Lorenz Circuits,” <i>Chaos Solitons & Fractals</i>, vol. 20, pp. 567-579, 2004. (SCI) 4. <u>Chuan-Kuei Huang</u>, S. C. Tsay & Y. R. Wu, “Implementation of Chaotic Secure Communication Systems Based on OPA Circuits,” <i>Chaos Solitons & Fractals</i>, vol. 23, pp. 589-600, 2005. (SCI) 5. S. C. Tsay, <u>Chuan-Kuei Huang</u>, W. T. Chen & Y. R. Wu, “Synchronization of Chua Chaotic Circuits with Application to the Bidirectional Secure Communication Systems,” <i>Int. J. of Bifurcation and Chaos</i>, vol. 15, issue 2, pp. 605-616, 2005. (SCI) 6. H. H. Nien, T. J. Liang, <u>Chuan-Kuei Huang</u> & S. K. Changchien,” Study of low loss Mn-Zn ferrite by design of experiment,” <i>Journal of Magnetism and Magnetic Materials</i>, vol. 304, issue 1, pp. e204-e206, 2006. (SCI) 7. H. H. Nien, <u>Chuan-Kuei Huang</u>, S. K. Changchien, H. W. Shieh, C. T. Chen & Y. Y. Tuan, “Digital color image encoding and decoding using a novel chaotic random generator,” <i>Chaos Solitons & Fractals</i>, vol. 32, issue 3, pp.1070-1080, 2007. (SCI) 8. <u>Chuan-Kuei Huang</u>, H. H. Nien, S. K. Changchien, & H. W. Shieh, “Image encryption with chaotic random codes by grey relational grade and Taguchi method,” <i>Optics Communications</i>, vol. 280, issue 2, pp. 300-310, 2007. (SCI) 9. S. K. Changchien, <u>Chuan-Kuei Huang</u>, H. H. Nien & H. W. Shieh, “Synchronization of the chaotic secure communication system with output state delay,” <i>Chaos Solitons & Fractals</i>, vol. 39, issue 4, pp. 1578-1587, 2009. (SCI) 10. <u>Chuan-Kuei Huang</u>, & H. H. Nien, “Multi chaotic systems based pixel shuffle for image encryption,” <i>Optics Communications</i>, vol. 282, issue 11, pp. 2123-2127, 2009. (SCI) 11. <u>Chuan-Kuei Huang</u>, H. H. Nien, K. Y. Chang & W. J. Chang, “An optimal designed RCD snubber for DC-DC converters,” <i>Journal of Marine Science and Technology-Taiwan</i>, vol. 18, no. 6, pp. 901-906, 2010. (SCI) 			

12. Chuan-Kuei Huang, C. W. Liao, S. L. Hsu, Y. C. Jeng, "Implementation of gray image encryption with pixel shuffling and gray-level encryption by single chaotic system," *Telecommunication Systems*, 2011. (Accepted, SCI)

■ 學術研討會論文：

1. S. C. Tsay & Chuan-Kuei Huang, "The Bidirectional Secure Communication Hyperchaotic Systems based on Chua Circuit," *Automatic Control Conference, Taiwan*, pp. 1846-1851, 2003.

2. S. C. Tsay & Chuan-Kuei Huang, "Chaotic Communication Systems based on Novel Chaotic Circuits," *Automatic Control Conference, Taiwan*, pp. 1-6, 2004.

3. Chuan-Kuei Huang H. H. Nien, S. K. Changchien, H. W. Shieh, C. T. Chen & Y. Y. Tuan, "The Secure Communication for Digital Color Image Based on Double Scroll Chaotic System," *NWICT, Nov. 20, Taiwan*, pp. 1-6, 2005.

4. H. H. Nien, T. J. Liang, Chuan-Kuei Huang & S. K. Changchien, "Implement of low loss Mn-Zn Ferrite cores for power electronics applications," *IEEE Power India Conference, April .10-12, India*, pp. 1-3, 2006. (EI)

5. Chuan-Kuei Huang, C. T. Chen, H. H. Nien, S. K. Changchien & H. W. Shieh, "Optimal Design of Lossless Passive Snubber for DC/DC Converters," *IEEE ICICIC, Aug. 30 - Sep. 1, China*, pp. 1-3, 2006. (EI)

6. Chuan-Kuei Huang, H. W. Shieh, S. K. Changchien, H. H. Nien, Y. Y. Tuan & C. K. Chen, "Design of the chaotic secure communication time-delay system by LMIs method," *IEEE ICICIC, Sep. 5-7, Japan*, pp. 1-4, 2007. (EI)

7. 段永儀，黃川桂，張簡世琨，粘孝先，鄧吉斌，陳敬坤，"多混沌系統之影像合成加密，"中華民國第十五屆模糊理論及其應用會議，雲林，台灣，Dec.14-15, 2007.

8. 張簡世琨，黃川桂，粘孝先，卓武舜，溫坤禮，"電源轉換器的功率開關並聯均流方法之研究，"中華民國第十五屆模糊理論及其應用會議，雲林，台灣，Dec.14-15, 2007.

9. Chuan-Kuei Huang, Hsiau-Hsian Nien, Shih-Kuen Changchien, Chi-Pin Teng, "An Image Encryption Based on Multi Chaotic Systems," *ICSSMET, 嘉義，台灣*, Nov. 28-29, 2008.

10. 粘孝先、張簡世琨、黃川桂、洪健銘、鄧吉斌，"應用高階混沌系統於彩色影像加密，" *ICSSMET, 嘉義，台灣*, Nov. 28-29, 2008.

11. C. Y. Lu, W. J. Shyr, K. C. Yao, C. W. Liao, Chuan-Kuei Huang, K. Y. Zheng, "Delay-dependent H_∞ control for discrete-time uncertain recurrent neural networks with interval time-varying delay," *ISII, Japan, Dec. 12-13*, pp. 93, 2008.

12. H. H. Nien, S. K. Changchien, **S. Y. Wu**, Chuan-Kuei Huang, “**A new pixel-chaotic-shuffle method for image encryption**,” *10th ICARCV, Hanoi, Vietnam, Dec. 17-20, 2008*.
13. Chuan-Kuei Huang, H. H. Nien, S. K. Changchien, C. H. Chan, C. K. Chen, “An optimal designed RCD snubber for DC-DC converters,” *10th ICARCV, Hanoi, Vietnam, Dec. 17-20, 2008*.
14. 盧建余, 黃川桂, 李宜錚, 黃重發, “高職教師對學校本位課程認知與態度調查問卷之探究,” 第十屆提昇技職學校經營品質研討會, *Changhua, Taiwan, Apr. 10, pp. 260-272, 2009*。
15. 張簡世琨, 粘孝先, 黃川桂, 洪群雄, 劉佳豪, 陳頌謙, 洪建銘, “LED 調光驅動電路的研製,” 第一屆綠色科技工程與應用研討會, 台中, 台灣, *Oct.14, 2009*.
16. Chuan-Kuei Huang, H. H. Nien, W. T. Huang, C. M. Hung, S. C. Chen, S. Y. Wu, Y. H. Hsu, “Hybrid image encryption using multi-chaos-system,” *7th ICICS, Macau, China, Dec. 8-10, 2009. (EI)*
17. Chuan-Kuei Huang, Y. H. Hsu, W. Y. Chen, S. K. Changchien, C. M. Hung, C. H. Liu, Y. R. Tian, “High security image encryption by two-stage process,” *7th ICICS, Macau, China, Dec. 8-10, 2009. (EI)*
18. S. K. Changchien, H. H. Nien, Chuan-Kuei Huang, C. S. Hong, S. C. Chen, C. H. Liu, Y. R. Tien, “Implementation of forward-flyback converter,” *ICSSMET, Chiayi, Taiwan, Dec. 17-18, 2009*.
19. Chuan-Kuei Huang, H. H. Nien, S. K. Changchien, S. C. Chen, Y. H. Hsu, “Chaotic S-box based image encryption,” *ICSSMET, Chiayi, Taiwan, Dec. 17-18, 2009*.
20. H. H. Nien, Chuan-Kuei Huang, S. K. Changchien, Y. H. Hsu, S. C. Chen, “Image encryption by BCR method based on chaotic systems,” *ICSSMET, Chiayi, Taiwan, Dec. 17-18, 2009*.
21. N. C. Chung, Y. H. Hsu, P. C. Hsia, Chuan-Kuei Huang, “Boost converter in Constant Current Limiting of Application,” *ICSSMET, Chiayi, Taiwan, Nov.25-26, 2010*.
22. H. H. Nien, Chuan-Kuei Huang, M. C. Shen, “Chaos Systems Based Pixel- Shuffling and Bit-Rearranging Encryption on Color Images,” *ICSSMET, Chiayi, Taiwan, Nov.25-26, 2010*.
23. Y. H. Hsu, N. C. Chung, P. C. Hsia, Chuan-Kuei Huang, “Color Image Encryption Based on Arnold Cat Map and BCS,” *ICSSMET, Chiayi, Taiwan, Nov.25-26, 2010*.
24. H. H. Nien, Chuan-Kuei Huang, S. L. Hsu, W. T. Huang, “Combine pixel-chaotic-shuffle and bit-chaotic-rearrangement in image Encryption,” *Proceedings of the NAEC 2010, Riva del Garda, Italy, Oct. 7-10, 2010*.

姓名	陳文中	職 級	助理教授
<p>■ 學術期刊論文：</p> <ol style="list-style-type: none"> <li data-bbox="165 253 1410 421">1. Wen-Jong Chen, Jia-Ru Lin. 2012. Design of Optimization Parameters with Hybrid Genetic Algorithm Method in Multi-Cavity Injection Molding Process. <i>Advanced Materials Research</i>, In Press, Accepted Manuscript. (EI ,ISSN: 1022-6680) (Accepted) . <li data-bbox="165 454 1410 689">2. Wen-Jong Chen. 2011 “Simulation and Analysis of Optimization Process Parameters for Multi-Cavity Injection Molding Parts Warpage by Genetic Algorithm Method” <i>Applied Mechanics and Materials</i>, In Press, Accepted Manuscript. (EI, ISSN:1662-7482) (Accepted). <li data-bbox="165 723 1410 891">3. Wen-Jong Chen, Min-Huang Wu. 2011 “Optimization Design of Improving Signal Integrity for Enhancing Differential-Mode Transmission Lines”, <i>Lecture Notes in Electrical Engineering</i>, In Press, Accepted Manuscript. (EI, ISSN 1876-1100) (Accepted) <li data-bbox="165 925 1410 1160">4. Wen-Jong Chen, Dyi-Cheng Chen, Wen-Cheng Su, Fung-Ling Nian. 2011, ” Optimization Design of Parameters with Hybrid Particle Swarm Optimization Algorithm in Multi-hole Extrusion Process”, <i>Lecture Notes in Electrical Engineering</i>, In Press, Accepted Manuscript. (EI, ISSN 1876-1100) (Accepted). <li data-bbox="165 1193 1410 1429">5. Wen-Jong Chen, Chin-Pin Chen, Yung-Fu Chang. 2011,"Application of Scaffolding Theory Construction with Internet Pneumatic Circuit Design Based on Teaching Materials from Interactive e-Learning Research". <i>Communications in Computer and Information Science series</i>. Vol. 218, pp 381-385(EI). <li data-bbox="165 1462 1410 1630">6. Dyi-Cheng Chen, Jih-Ming Chen, Ming-Wei Guo, Chih-Hsuan Jao, Wen-Jong Chen, 2011, “Finite Element Analysis and Die Design of Extrusion Processes of Radial-finned Heat Sink” <i>Advanced Materials Research</i>, Vols. 264-265 pp 30-35 (EI). <li data-bbox="165 1664 1410 1832">7. Dyi-Cheng Chen, Wen-Jong Chen, Jyun-You Lin, Ming-Wei Jheng and Jih-Ming Chen. 2010, Finite element analysis of superplastic blow-forming of Ti-6Al-4V sheet into closed ellip-cylindrical die, <i>International Journal of Simulation Modelling</i>, 9, 17-27. <li data-bbox="165 1865 1410 1955">8. 陳文中，李欣璋，陳清檳，2010，”產業導向技職校院學生沖壓模具問題解決能力指標之建構 技職教育期刊 第一期，第 33~50 頁 <li data-bbox="165 1989 1410 2078">9. 陳文中，李欣璋，陳清檳，2009，“德懷術調查問卷應用於沖壓模具向度能力之研究”，p27-42，工業教育與技術學刊，第 35 期。 			

10. 吳明皇，陳文中，2008，”差模傳輸線間距對訊號完整度之分析”，工業教育與技術學刊，p127-136，第 33 期。

專書及專書論文：

張振龍、李宗乙、陳文中，2008，「機械設計」，新文京出版社。

學術研討會論文：

1. 陳文中、陳狄成、蘇文誠、粘芳綾，2011。”遺傳演算法應用於鈦合金多孔穴擠製製程參數最佳化之模擬分析”，2011 台北國際模具暨模具製造設備展 & 研討會。P. 134-143。
2. 陳文中、鄭麗榛、蕭育琳、沈辰融、張文宗、劉鈺懿，2011，”技職教育師培生職業認知與生涯抉擇之關係”，第一屆工程教育學術研討會，B2-05。
3. 陳文中，陳要汀，張伸維，2010，”以Labview建構氣壓機械臂最佳化路徑模擬系統”，2010兩岸機電與產學合作學術研討會，C-02，台灣新竹。
4. 陳狄成、陳文中、尤麒熊、賴柏諺，2011，”鈦合金與鋁合金切削加工之分析”，2010 全國精密製造研討會論文集 p111-1~111-5
5. Dyi-Cheng Chen, Jih-Ming Chen, Ming-Wei Guo, Chih-Hsuan Jao, Wen-Jong Chen, 2009, “Finite element analysis and die design of extrusion processes of radial-finned heat sink“, *The International Conference on Advances in Materials and Processing Technologies*, Kuala Lumpur, Malaysia, ID77.
6. 陳文中，詹家銘，2009，“RPP機械手臂固有頻率與靈敏度分析”，2009兩岸機電與產學合作學術研討會，B-03，台灣新竹。
7. 陳文中，陳狄成，王志遠，郭家興，2009，“聚光型太陽能模組散熱結構設計與實驗”，2009兩岸機電暨產學合作學術研討會，台灣新竹。
8. 陳文中，郭家興，2009，“智慧型演算法應用於多模穴翹曲分析”，2009兩岸機電暨產學合作學術研討會，G1-05，台灣新竹。
9. 陳文中，郭家興，2009，“以類神經網路建構多模穴射出成型翹曲預測模型”，第二十六屆機械工程學術研討會，D20-019，台灣台南。
10. 陳文中，詹家銘，2009，“應用ANSYS最佳化模組於RPP型機械臂模態分析與改進”，2009精密機械與製造科技研討會，A22，台灣屏東。

11. 陳文中，蔡政育，詹家銘，2009，“結合遺傳演算與有限元素法於多模穴翹曲分析”，2009精密機械與製造科技研討會，G24，台灣屏東。
12. 陳文中，李欣璋，陳清檳，2009，“產業導向技職校院學生沖壓模具問題解決能力指標建構”，第十屆提升技職學校經營品質研討會，p30-36，台灣彰化。
13. 陳清檳，張仁誠，陳狄成，陳文中，2008，“彰師大工教系師生互動與學生學習滿意度之研究”彰雲嘉大學校院聯盟2008年學術研討會，B12，台灣彰化。
14. 錢信諺，詹家銘，陳文中，2008，“多功能嬰兒車構造設計與強度分析”，第二十五屆機械工程學術研討會，D32，台灣彰化。
15. 陳文中，陳狄成，詹家銘，陳念甫，林俊宏，廖天健，2008，“半自動送料鉚釘加工機”，2008兩岸機電與產學合作學術研討會，B23，台灣新竹。
16. 陳清檳，陳文中，陳狄成，柯明家，2008，“不同評量方式與父母管教方式對技職校院學生電腦輔助製造課程學習成效與邏輯思考能力之研究”，第九屆提昇技職學校經營品質研討會，pp. 69-78，台灣彰化。

姓名	陳宗明	職 級	助理教授
<p>■ 學術期刊論文：</p> <p>(A) 國外期刊或 SCI, EI 論文(Refereed Journal Papers) *通信作者</p> <p>1. T. Chen, Z. Liu, J. G. Korvink and U. Wallrabe, “Design Rule and Orientation Layout for MEMS Curved Beams on Silicon,” <i>JMEMS</i>, 2010. (SCI, Impact Factor=2.226)</p> <p>(B) 國內期刊論文(Refereed Journal Papers)</p> <p>■ 專書及專書論文：</p> <p>■ 學術研討會論文：</p> <p>(A) 國外或國際學術研討會論文 (Conference Papers)</p> <p>1. T. Chen, J. Brunne and U. Wallrabe, “SOI Process and Stability Measurements of SCS Scanning Micromirror,” <i>The 9th International Workshop on HARMST</i>, 2011.</p> <p>2. T. Chen, F. Schneider and U. Wallrabe, “Compliant Scanning Micromirror Actuated with a Displacement Amplification Mechanism,” <i>Optical MEMS 2010</i>, 2010.</p>			

姓名	劉晉嘉	職 級	助理教授
<p>■ 學術期刊論文：</p> <p style="text-align: center;">國內外期刊論文【SCI、EI 或同等級國際期刊】</p> <ol style="list-style-type: none"> 1. Cha'o-Kuang Chen, Hsin-Yi Lai, <u>Chin-Chia Liu</u>, 2009, Nonlinear Micro Circular Plate Analysis Using Hybrid Differential Transformation / Finite Difference Method, <i>Computer Modeling in Engineering & Sciences (CMES)</i>, vol 40, no. 2, pp. 155-174. (impact factor:4.785, Rank=1/76) 2. Cha'o-Kuang Chen, Hsin-Yi Lai, <u>Chin-Chia Liu</u>, 2009, Application of hybrid differential transformation / finite difference method to nonlinear analysis of micro fixed-fixed beam, <i>Microsystem Technologies</i>, vol 15, pp. 813–820. (impact factor:1.229, Rank=101/229) 3. Shiau-Shuen Shie, <u>Chin-Chia Liu</u>, Shyue-Cheng Yang, 2010, Investigate the kinematic error of a Spatial Double-end Cam Profile with any rotational curved surface, <i>Journal of the Chinese Society of Mechanical Engineers</i>, Vol. 31, No. 2, pp.147–154. 4. Cha'o-Kuang Chen, <u>Chin-Chia Liu</u>, Hsin-Yi Lai, 2011, Nonlinear Dynamic Behavior Analysis of Micro Electrostatic Actuator based on a Continuous Model Under Electrostatic Loading, <i>ASME Journal of Applied Mechanics</i>, Vol. 78, pp.031003–1~031003–9. 5. Cha'o-Kuang Chen, Hsin-Yi Lai, <u>Chin-Chia Liu</u>, 2011, Numerical analysis of entropy generation in mixed convection flow with viscous dissipation effects in vertical channel, <i>International Communications in Heat and Mass Transfer</i>, Vol. 38, No. 2, pp.285–290. 6. <u>Chin-Chia Liu</u>, 2011, Numerical Study of Mixed Convection MHD Flow in Vertical Channels Using Differential Transformation Method, <i>Applied Mathematics & Information Sciences</i>, accepted for publication. 7. <u>Chin-Chia Liu</u>, Shyue-Cheng Yang, Cha'o-Kuang Chen, 2011, Nonlinear dynamic analysis of Micro Cantilever Beam Under Electrostatic Loading, <i>Journal of Mechanics</i>, accepted for publication. 8. <u>Chin-Chia Liu</u>, Jui-Ho Li, Ming-Chu Hsieh, 2011, Numerical Study of Nonlinear Micro Circular Plate Analysis Using Hybrid Method (H.M.), <i>Applied Mathematics & Information Sciences</i>, accepted for publication. <p>■ 專書及專書論文：</p> <p>博士論文：混合微分轉換與有限差分法在非線性靜電驅動微結構系統動態特性之研究</p> <p>碩士論文：使用雷射干涉儀檢視機具靜動態性能研究</p>			

姓名	黃維澤	職 級	助理教授
<p>■ 學術期刊論文：</p> <p>A. 國際期刊論文</p> <p>[1] Wei-Tzer Huang*, Kai-Chao Yao, “A New Network Sensitivity-Based Approach for Real-Time Complex Power Flow Calculation” (GTD-2011-0429.R1, <i>IET Generation, Transmission & Distribution</i>)(Accepted)(SCI, EI)</p> <p>[2] Wen-Chih Yang, Wei-Tzer Huang, “An Enhanced Load Transfer Scheme for Power Distribution Systems Connected with Distributed Generation Sources,” <u>WSEAS Transactions on Circuits and Systems</u>, Issue 4, Volume 10, pp. 136-145, April 2011. (EI)</p> <p>[3] Wei-Tzer Huang*, “Study on the Operation of a Low-Voltage AC Microgrid with Multiple Distributed Generations,” <u>WSEAS Transactions on Circuits and Systems</u>, Issue 12, Volume 9, pp. 725-735, December 2010. (EI)</p> <p>[4] Kai-Chao Yao, Wei-Tzer Huang, “Electro-Ocular Measurement and Control Technique by Integrating Virtual Instrument,” <u>ICIC Express Letters – An International Journal of Research and Survey</u>, Vol. 4, No. 5(A), pp. 1411-1416, October, 2010. (EI)</p> <p>[5] Kai-Chao Yao, Der-Fa Chen, Wei-Tzer Huang, and Jiunn-Shean Chiang, “Digital Control Design of Decentralized Stochastic Singularly-perturbed Large-scale Actuator Type Systems with Multiple,” <u>International Journal of Innovative Computing, Information and Control</u>, Vol. 5, No. 11, pp. 3303-3311, November, 2009. (SCI, EI) (AUTOMATION & CONTROL SYSTEMS)(Impact Factor: 2.932)</p> <p>[6] Tsai-Hsiang Chen, Wei-Tzer Huang*, “Evaluation of the variations of short-circuit capacities along a feeder due to distribution system-type upgrading,” <u>International Journal of Electrical Power & Energy Systems</u>, Vol. 31, No. 1, pp. 50-58, January, 2009. SCI, EI) (Engineering, Electrical and Electronic)(Impact Factor: 1.613)</p> <p>B. 研討會論文</p> <p>1. Kai-Chao Yao, Wei-Tzer Huang, “Establish Electromyography Measurement and Control Technique by Virtual Instrument,” the Fourth International Symposium on Intelligent Informatics (ISII2011), May 1-3, 2011. (EI)</p> <p>2. Wei-Tzer Huang*, Wen-Chih Yang, “Power Flow Analysis of a Grid-Connected High-Voltage Microgrid with Various Distributed Resources,” the International Workshop on Electromagnetism and Communication Engineering (ECE 2011), July 15-17, 2011. (EI)</p> <p>3. Wen-Chih Yang, Wei-Tzer Huang, “Determination of the Maximum Power Generation of</p>			

- Renewable Energy Generating Units in an Islanded Microgrid,” the International Workshop on Electromagnetism and Communication Engineering (ECE 2011), July 15-17, **2011. (EI)**
4. **Wei-Tzer Huang***, Kai-Chao Yao, Shiuan-Tai Chen, Hsiau-Hsian Nien, Deng-Chung Lin, Po-Tung Huang, “Optimal Planning of a Load Transfer Substation Pair between Two Normally Closed-Loop Feeders Considering Minimization of System Power Losses Using a Genetic Algorithm,” the Fourth International Conference on Genetic and Evolutionary Computing (ICGEC-2010), pp. 453-456, December 13-15, **2010. (EI)**
 5. H. H. Nien, C. K. Huang, S. L. Hsu, **W. T. Huang**, “Combine Pixel-Chaotic-Shuffle and Bit-Chaotic-Rearrangement to Image Encryption,” Networking and Electronic Commerce Research Conference 2010, October 7-10, **2010. (EI)**
 6. **Wei-Tzer Huang***, Wen Chih Yang, “System Steady-State Analysis of a Low-Voltage Microgrid with Various Distributed Energy Resources,” IEEE International Conferences on Cybernetics & Intelligent Systems, pp. 237-242, June 28-30, **2010. (EI)**
 7. Wen Chih Yang, **Wei-Tzer Huang***, “A Load Transfer Scheme of Radial Distribution Feeders Considering Distributed Generation,” IEEE International Conferences on Cybernetics & Intelligent Systems, pp. 243-248, June 28-30, **2010. (EI)**
 8. H. H. Nien, **W. T. Huang**, S. C. Chen, C. H. Liu, S. Y. Wu, Y. R. Tian, C. K. Huang, Y. H. Hsu, “Hybrid Image Encryption Using Multi-Chaos-System,” the Seventh International Conference on Information, Communications and Signal Processing (ICICS 2009), pp. 1-5, December 8-10, **2009. (EI)**
 9. **Wei-Tzer Huang***, Shiuan-Tai Chen, “Sequential Three-Phase Power Flow Calculation for Radial Distribution Systems via Three-Phase Z-Bus,” Fourth International Conference on Innovative Computing, Information and Control, pp. 647-651, December 7-9, **2009. (EI)**
 10. **Wei-Tzer Huang***, Shiuan-Tai Chen, “Line Loss Reduction by Distribution System Upgrading from Radial to Normally Closed-Loop Arrangement,” 2009 ninth International Conference on Hybrid Intelligent Systems, pp. 334-339, August 12-14, **2009. (EI)**
 11. **Wei-Tzer Huang***, Shyi-Wen Wang, Ling-Yi Hong, Deng-Chung Lin, “Nature and Operation Schemes of Normally Closed-Loop Distribution Systems,” 2008 10th Intl. Conf. on Control, Automation, Robotics and Vision, pp. 1718-1723, December 17-20, **2008. (EI)**
 12. Shyi-Wen Wang, **Wei-Tzer Huang***, “Three-Phase Fuzzy Feeder Models for Fast Distribution System Calculations,” 2008 10th Intl. Conf. on Control, Automation, Robotics and Vision, pp. 1640-1644, December 17-20, **2008. (EI)**
 13. **Wei-Tzer Huang***, Shiuan-Tai Chen, Kai-Chao Yao, and Chung-Chen Wu, “Three-Phase Line Flows Calculation for Distribution Automation by Z_{BUS} Distribution Factor,” Third International Conference on Innovative Computing, Information and Control, June 18-20, **2008**, Dalian, China, pp. 165. **(EI)**
 14. Wen-Chih Yang, **Wei-Tzer Huang***, and Jin-Zhong Chen, “Unbalanced Analysis of Changing Medium-Voltage Distribution Feeders from Open-Loop to Closed-Loop Arrangement,” Third International Conference on Innovative Computing, Information and Control, June 18-20, **2008**, Dalian, China, pp. 161. **(EI)**
 15. Kai-chao Yao, Der-Fa Chen, and **Wei-Tzer Huang**, “Digital Control Design of

Decentralized Stochastic Singularly-perturbed Large-scale Actuator Type Systems with Multiple Time-varying Delays,” Third International Conference on Innovative Computing, Information and Control, June 18-20, **2008**, Dalian, China, pp. 167. **(EI)**

- 16. Wei-Tzer Huang***, Shiuan-Tai Chen, Chung-Chen Wu, Yin-Yu Huang, and Jin-Wei Yan, “Dynamic Simulation and Analysis of a Low-Voltage Microgrid under Autonomous Condition,” International Conference on Safety & Security Management and Engineering Technology 2010 (ICSSMET2010), November 25-26, **2010**, Chiayi, Taiwan, pp. 258-263.
- 17. Wei-Tzer Huang***, Hsiau-Hsian Nien, Shiuan-Tai Chen, Jian-Cheng Chen, Jin-Hau Yang, “Dynamic Simulation and Analysis of a Low-Voltage Secondary Distribution Network,” International Conference on Safety & Security Management and Engineering Technology 2010 (ICSSMET2010), November 25-26, **2010**, Chiayi, Taiwan, pp. 264-269.
- 18. Wei-Tzer Huang*** and Tsai-Hsiang Chen, “Dynamic Simulation and Analysis of a Low-Voltage Microgrid under Grid-Tie Condition,” 2010 Taiwan Wind Energy Conference, pp. 138-143, **2010**.
- 19. Wei-Tzer Huang***, Shiuan-Tai Chen, Ling-Yi Hong, Chia-Hung Chiu, Sin-Hong Yang, and Yin-Yu Huang, “Power Flow Analysis of a Low-Voltage Microgrid with Multiple Distributed Energy Resources,” Proceedings of the 31th Symposium on Electrical Power Engineering, pp. 880-884, **2010**.
- 20. Wei-Tzer Huang***, Shiuan-Tai Chen, Chin-Chung Chen, Yu-Fan Shih, Jin-Hau Yang, and Jin-Wei Yan, “Power Flow Analysis of a High-Voltage Microgrid Consists Primary Feeders with Distributed Energy Resources,” Proceedings of the 31th Symposium on Electrical Power Engineering, pp. 885-889, **2010**.
- 21. Wei-Tzer Huang***, Tsai-Hsiang Chen, Shiuan-Tai Chen, Sheng-Shiuan Hung, Ling-Yi Hong, Jin-Zhong Chen, “Power Flow Analysis of a Low-Voltage AC Microgrid,” Proceedings of the 30th Symposium on Electrical Power Engineering, pp. 1-6, **2009**.
- 22. Wei-Tzer Huang***, Shiuan-Tai Chen, Yu-Jie Wang, Yi-Ting Kuo, Cing-Hong Lin, and Fong-Gang Syu, “Fast Computation of Real-Time Power Flow for Distribution Systems with Three-Phase Z-Bus,” Proceedings of the 29th Symposium on Electrical Power Engineering, pp. 1-4, **2008**.

姓名	程于芳	職 級	副教授
論文著述目錄			
Cheng, Y.; Wang, S., (2011), Applying a 3D virtual learning environment to facilitate students' application ability --- the case of Marketing, Vol., 27 (1), Pages 576-584, Computers in Human Behavior, (SSCI, IF: 1.677)			
Cheng, Y.; Yang, H., (2010), Enhanced intelligent dynamic decision-making using cell assemblies, ICAINN 2010: "International Conference on Artificial Intelligence and Neural Networks" Singapore December 2010.			
*Cheng, Y., & Chen, S., (2010), Improving social understanding of individuals of intellectual and developmental disabilities through a 3D-facial expression intervention program, Research in Developmental Disabilities, Vol., 31(6), P.1434-1442. (SSCI, IF: 4.410)			
Cheng, Y., Chiang, H; Jun Ye, & L. Cheng, (2010), Enhancing empathy instruction using a collaborative virtual learning environment for children with autistic spectrum conditions, Computer and education, Vol., 55(4) , pp. 1449-1458, (SSCI, IF: 2.509).			
*Cheng, Y., Huang, J., & Cheng, L., (2010), Using immersion virtual reality system to help the impairment of reciprocal social skills in children with autism spectrum conditions, ED-MEDIA 2010--World Conference on Educational Multimedia, Hypermedia & Telecommunications, Toronto, Canada			
Cheng, Y., Huang, Z., Cheng, L., (2010), Using immersion virtual reality system to help the impairment of reciprocal social skills in children with autism spectrum conditions, ED-MEDIA 2010--World Conference on Educational Multimedia, Hypermedia & Telecommunications, Toronto, Canada, Article in press, paper ID: 29244			
Cheng, Y. & Wang, S., (2010) Enhancing student' s application ability through virtual reality --- the case of Marketing, e-CASE & e-Tech 2010 蔡尚德,何佩琪, 程于芳, (2010), 以Linux 平台實作線上商品展示系統之整合 應用, 資訊傳播研究			
*Cheng, Y., & Ye, J., (2009), Exploring the Social Competence of Students with Asperger Syndrome in a Collaborative Virtual Learning Environment, Computer and education, Vol., 54(4) , pp. 1068-1077 (SSCI, IF: 2.509)			
*Cheng, Y., & Fan, Y., Huang, M., & Yang, R., (2009), A Vision-Cognitive Mobile Robot Used in Earthquake Rescue. In The International Conference on Artificial Intelligence. USA.			
*Cheng, Y., & Fan, Y., & Huang, M., (2008), A cognitive model with self-learning used in a mobile robot. In Proceedings of CACS International Automatic Control Conference. Taiwan.			
*Cheng, Y., S. Chen (2008), 3D Animated Facial Expression and Autism in Taiwan; The 8th IEEE International Conference on Advanced Learning Technologies, Santander, Spain.			
*Cheng, Y., & Fan, Y., (2008), The 3D Humanoid Emotions in Interactive Learning System for People with Autism, ED-MEDIA 2008--World Conference on Educational Multimedia, Hypermedia & Telecommunications, Vienna, Austria.			
蔡尚德,何佩琪, 程于芳, “以Linux平台時作線上造型編輯系統之研究” 2008 第三屆智慧生活科技研討會(Intelligent Living Technology, 2008), 勤益科技大學, June 2008.			
黃世文、程于芳(2007),從SME 角色之轉變探討企業運用Rapid e-Learning模式之關鍵成功因素－以導入數位學習之個案公司為例, 第三屆台灣數位學習發展研討會, May, TWELF2007。			
張蘭曉、程于芳、張詠惠 (2006) , 數位學習融入幼兒早介方案服務之先導研究。育達商業技術學院幼兒保育系「多元幼教學術研討會」, 12 月27日。			
Moore, D.; Cheng, Y., McGrath, P., & Powell, N., (2005), Avatars and autism. In Pruski A & Knops H (eds) Assistive Technology: From Virtuality to Reality, AAATE 2005, Assistive Technology Research Series 16, IOS Press: Amsterdam.			
*Cheng, Y.; Moore, D.; McGrath, P., (2005), “Collaborative Virtual Environment Technology for People with Autism” The 5th IEEE International Conference on Advanced Learning Technologies, p247			
Moore, D.; Cheng, Y., McGrath, P., & Powell, N. (2005), Collaborative Virtual			

Environment Technology for People With Autism. J., Focus on Autism & Other Developmental Disabilities, Winter, Vol. 20 Issue 4, p231-243.

Moore, D.; Cheng, Y., McGrath, P., & Powell, N., (2003), "computer system for people with autism" , The International Congress Autism-Europe, Lisboa, Portugal.

*Cheng, Y.; Moore, D.; & McGrath, P., (2003). "Virtual Environment for people with autism" (Poster), Presentations by Britain's Top Younger Scientists, Engineers and Technologists for UK National Science Week, SET for Britain, at the House of Commons, Westminster, London, UK ,

*Cheng, Y.; Moore, D.; & McGrath, P., (2003). "avatars and autism" In this Together, Durham international research conference on autism, 2003, University of Durham, January, p1-9.

*Cheng, Y.; Moore, D.; & McGrath, P., (2002). Virtual learning environments for children with autism (poster), 2nd workshop on "Robotic and Virtual Interactive Systems in Therapy of Autism and other psychopathological disorders" Hospital La Salpêtrière, Paris, September

*Cheng, Y.; Moore, D.; & McGrath, P., (2002). "Virtual Learning Environment for people with autism" , Tools for thought: communicating and learning through digital technology, HCT, University of Sussex, school of cognitive and computing science, September, UK

姓名	張庭毅	職 級	副教授
----	-----	-----	-----

五、論文著述：

(一) 請詳列個人最近五年內發表之學術性著作，包括：期刊論文、專書及專書論文、研討會論文、技術報告及其他等，並請依各類著作之重要性自行排列先後順序。

(二) 各類著作請按發表時間先後順序填寫。各項著作請依作者姓名(按原出版之次序)、出版年、月份、題目、期刊名稱(專書出版社)、起迄頁數之順序填寫，被接受刊登尚未正式出版者請附被接受函。

(三) 若期刊屬於SCI、EI、SSCI 或A&HCI 等時，請註明；若著作係經由國科會補助之研究計畫所產生，請於最後填入相關之國科會計畫編號。

(一)國際期刊論文(Refereed International Journals)

1. Min-Shiang Hwang, Cheng-Chi Lee, and **Ting-Yi Chang**, "Broadcasting cryptosystem in computer networks using geometric properties of lines," *Journal of Information Science and Engineering*, vol. 18, no. 3, pp. 373-379, May 2002. [SCIE, EI] NSC90-2213-E-324-004
2. Chou-Chen Yang, **Ting-Yi Chang**, and Min-Shiang Hwang, "A new anonymous conference key distribution system based on the elliptic curve discrete logarithm problem," *Computer Standards & Interfaces*, vol. 25, no. 2, pp. 141-145, May 2003. [SCIE, EI] NSC91-2213-E-324-003
3. Chou-Chen Yang, **Ting-Yi Chang**, Jian-Wei Li, and Min-Shiang Hwang, "Simple generalized group-oriented cryptosystems using ElGamal cryptosystem," *International Journal of Informatic*, vol. 14, no. 1, pp. 111-120, January 2003. [SCIE, EI] NSC90-2213-E-324-004
4. Chou-Chen Yang, **Ting-Yi Chang**, Jian-Wei Li, and Min-Shiang Hwang, "Security enhancement for protecting password transmission," *IEICE Transactions on Communications*, vol. E86-B, no. 7, pp. 2178-2181, July 2003. [SCI, SCIE, EI] NSC91-2213-E-324-003
5. Chou-Chen Yang, **Ting-Yi Chang**, and Min-Shiang Hwang, "Security of the improvement on the methods for protecting password transmission," *International Journal of Informatica*, vol. 14, no. 4, pp. 551-558, October 2003. [SCIE, EI] NSC90-2213-E-324-004
6. Chou-Chen Yang, **Ting-Yi Chang**, and Min-Shiang Hwang, "A (t, n) multi-secret sharing scheme," *Applied Mathematics and Computation*, vol. 151, no. 2, pp. 483-490, April 2004. [SCIE, EI] NSC90-2213-E-324-004
7. **Ting-Yi Chang**, Chou-Chen Yang, and Chia-Meng Chen, "Improvement on pretty-simple password authenticated key-exchange protocol for wireless networks," *International Journal of Informatica*, vol. 15, no. 2, pp. 161-170, April 2004. [SCIE, EI] NSC91-2626-E-324-001
8. **Ting-Yi Chang**, Chou-Chen Yang, and Min-Shiang Hwang, "Cryptanalysis of publicly verifiable authenticated encryption," *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, vol. E87-A, no. 6, pp. 1645-1646, June 2004. [SCIE, EI] NSC91-2213-E-324-003
9. **Ting-Yi Chang**, Chou-Chen Yang, and Min-Shiang Hwang, "A threshold signature scheme for group communications without shared distribution center," *Future Generation Computer Systems*, vol. 20, no. 6, pp. 1013-1021, August 2004. [SCIE, EI] NSC90-2213-E-324-004
10. **Ting-Yi Chang**, Chou-Chen Yang, and Min-Shiang Hwang, "Threshold untraceable signature for group communications," *IEE Proceedings - Communications*, vol. 151, no. 2, pp. 179-184,

April 2004. [SCI, SCIE, EI] NSC90-2213-E-324-004

11. **Ting-Yi Chang**, Chou-Chen Yang, and Min-Shiang Hwang, "Cryptanalysis of simple authenticated key agreement protocols," *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, vol. E87-A, no. 8, pp. 2174-2176, August 2004. [SCIE, EI] NSC90-2213-E-324-004

12. **Ting-Yi Chang**, Min-Shiang Hwang, and Wei-Pang Yang, "Cryptanalysis of the Tseng-Jan anonymous conference key distribution system without using a one-way hash function,"

Information & Security, vol. 15, no. 1, pp. 110-114, 2004. NSC90-2213-E-324-004

13. **Ting-Yi Chang**, Min-Shiang Hwang, and Wei-Pang Yang, "A new multi-stage secret sharing scheme using one-way function," *ACM SIGOPS Operating Systems Review*, vol. 39, no. 1, pp. 48-55, January 2005. [EI] NSC92-2213-E-324-023

14. **Ting-Yi Chang**, Min-Shiang Hwang, and Wei-Pang Yang, "An improvement on the Lin-Wu (t, n) threshold verifiable multi-secret sharing scheme," *Applied Mathematics and Computation*,

vol. 163, no. 1, pp. 169-178, April 2005. [SCIE, EI] NSC90-2213-E-324-004

15. Chou-Chan Yang, Ren-Chiun Wang, and **Ting-Yi Chang**, "An improvement of the Yang-Shieh password authentication schemes," *Applied Mathematics and Computation*, vol. 162,

no. 3, pp. 1391- 1396, March 2005. [SCIE, EI] NSC91-2622-E-324-CC3

16. Cheng-Chi Lee, **Ting-Yi Chang**, and Min-Shiang Hwang, "A simple broadcasting

cryptosystem in computer networks using exclusive-or," *International Journal of Computer Applications in Technology*, vol. 24, no. 3, pp. 180-183, 2005. [EI] NSC90-2213-E-324-004

17. **Ting-Yi Chang**, Chou-Chen Yang, and Chia-Meng Chen, "Mobile IP assistance in ad hoc routing security using geometric properties of lines," *IEICE Transactions on Communications*,

vol. E88-B, no. 6, pp. 2557-2565, June 2005. [SCI, SCIE, EI]

18. **Ting-Yi Chang**, Wei-Pang Yang, and Min-Shiang Hwang, "Simple authenticated key agreement and protected password change protocol," *Computers & Mathematics with Applications*,

vol. 49, no. 5-6, pp. 703-714, April 2005. [SCIE, EI] NSC90-2213-E-324-004

19. **Ting-Yi Chang**, Chou-Chen Yang, and Ya-Wen Yang, "Cryptanalysis of the improved authenticated key agreement protocol," *Applied Mathematics and Computation*, vol. 171, no. 2,

pp. 771-774, December 2005. [SCIE, EI] NSC-90-2213-E-324-004

20. Min-Shiang Hwang and **Ting-Yi Chang**, "Threshold Signatures: Current Status and Key Issues," *International Journal of Network Security*, vol. 1, no. 3, pp. 123-137, November 2005.

21. **Ting-Yi Chang**, "A Convertible Multi-Authenticated Encryption scheme for group communications," *Information Sciences*, vol. 178, no.17, pp. 3426-3434, May 2008. [SCI, SCIE, EI] NSC96-2218-E-018-002

22. **Ting-Yi Chang** and Yi-Ting Chang, "Cooperative Learning in E-learning: A Peer Assessment of Student-Centered Using Consistent Fuzzy Preference," *Expert Systems with Applications*,

vol. 36, no. 4, pp. 8342-8349, May 2009. [SCIE, EI] NSC96-2218-E-018-002,

NSC97-2221-E-018-011

23. **Ting-Yi Chang** and Mao-Lun Chiang, "Attack and Improve the Zhao-Liu Authenticated Encryption Scheme," *International Journal of Innovative Computing, Information and Control*,

vol. 5, no. 10, pp. 3025-3030, October 2009. [SCIE, EI] NSC96-2218-E-018-00, NSC97-2221-E-018-011

24. **Ting-Yi Chang**, "An ID-Based Group-Oriented Decryption Scheme Secure against Adaptive Chosen-Ciphertext Attacks," *Computer Communications*, vol. 32, no. 17, pp. 1829-1836, November 2009. [SCIE, EI] NSC97-2221-E-018-011
25. **Ting-Yi Chang**, "An Computation-Efficient Generalized Group-Oriented Cryptosystem," *Informatica*, vol. 21, no. 3, pp. 1-14, August 2010. [SCIE, EI] NSC97-2221-E-018-011, NSC98-2622-E-018-004-CC3
26. Cheng-Chi Lee, **Ting-Yi Chang**, and Min-Shiang Hwang, "A New Group Signature Scheme Based on the Discrete Logarithm," *Journal of Information Assurance and Security*, vol. 5, no. 1, pp. 54-57, 2010. NSC96-2219-E-009-013, NSC98-2221-E-468-002
27. **Ting-Yi Chang**, Yu-Ju Yang, and Chun-Cheng Peng, "A Personalized Rhythm Click-Based Authentication System," *Information Management and Computer Security*, vol. 18, no. 2, pp. 72-85, 2010. [EI] NSC97-2221-E-018-011,
表C302 共 4 頁第 3 頁
NSC98-2622-E-018-004-CC3
28. Kou-Min Cheng, **Ting-Yi Chang**, and Jung-Wen Lo, "Cryptanalysis of Security Enhancement for a Modified Authenticated Key Agreement Protocol," *International Journal of Network Security*, vol. 11, no. 2, pp. 55-57, July 2010.
29. **Ting-Yi Chang**, Min-Shiang Hwang, and Wei-Pang Yang, "A Communication-Efficient Three-Party Password Authenticated Key Exchange Protocol," *Information Sciences*, vol. 181, no. 2, pp. 217-226, January 2011. [SCI, SCIE, EI] NSC98-2622-E-018-004-CC3, NSC99-2221-E-018-018
30. Pei-Cheng Cheng, **Ting-Yi Chang**, Cheng-Jung Tsai, Jian-Wei Li, and Chih-Sheng Wu, "A Novel and Simple Statistical Fusion Method for User Authentication through Keystroke Features," *Journal of Convergence Information Technology*, vol. 6, no. 2, pp. 347-356, February 2011. [EI] NSC98-2622-E-018-004-CC3, NSC99-2221-E-018-018
31. **Ting-Yi Chang** and Min-Shiang Hwang, "User-Anonymous and Short-Term Conference Key Distribution System via Link-Layer Routing in Mobile Communications," *International Journal of Mobile Communications*, vol. 9, no. 2, pp. 144-158, 2011. [SSCI] NSC98-2622-E-018-004-CC3, NSC99-2221-E-018-018
32. **Ting-Yi Chang**, "An ID-based Multi-signer Universal Designated Multi-verifier Signature Scheme," *Information and Computation*, vol. 209, no. 7, pp. 1007-1015, July 2011. [SCI, SCIE, EI] NSC99-2221-E-018-018, NSC99-2221-E-018-021
33. **Ting-Yi Chang** and Yu-Ju Yang, "A Simple Keystroke Dynamics-Based Authentication System using Means and Standard Deviations," accepted (March 16, 2011) to appear in *Journal of Internet Technology*. [SCIE, EI]
34. **Ting-Yi Chang**, Min-Shiang Hwang, and Wei-Pang Yang, "An Improved Multi-stage Secret Sharing Scheme Based on the Factorization Problem," accepted (May 6, 2011) to appear in *Information Technology and Control*. [SCIE] NSC99-2221-E-018-018, NSC99-2221-E-018-021
35. **Ting-Yi Chang** and You-Fu Shiu, "Simultaneously Construct IRT-Based Parallel Tests based on an Adapted CLONALG Algorithm," accepted (May 19, 2011) to appear in *Applied Intelligence*. [SCI, SCIE, EI] NSC99-2622-E-018-005-CC3

(二)會議論文(Conference Papers)

1. Chou-Chen Yang, Min-Shiang Hwang, Jian-Wei Li, and **Ting-Yi Chang**, "A Solution to Mobile IP Registration for AAA," *Proceeding of the 7th CDMA International conference*, vol. 2, pp. 417-421, Korea, November 2002.
2. Chou-Chen Yang, Min-Shiang Hwang, Jian-Wei Li, and **Ting-Yi Chang**, "An Efficient MAKEP for Wireless Network," *Proceeding of the 2002 International Computer Symposium*, vol. 2, pp. 1012-1028, Taiwan, December 2002.
3. **Ting-Yi Chang**, Shu-Jean Lin, Chou-Chen Yang, and Min-Shiang Hwang, "An Efficient Identification Scheme Based on the Elliptic Curve Discrete Logarithm Problem," *Proceeding of ICACT2003*, pp. 752-754, Korea, January 2003.
4. Chou-Chen Yang, Jian-Wei Li, and **Ting-Yi Chang**, "A Novel Mobile IP Registration Scheme for Hierarchical Mobility Management," *IEEE Computer Society, Proceedings of the 2003 International Conference on Parallel Processing Workshops (ICPPW'03)*, pp. 367-374, Taiwan, October 2003.
5. Chou-Chen Yang, Chia-Meng Chen and **Ting-Yi Chang**, "A Routing Authentication Mechanism for Wireless Ad Hoc Networks," *Proceedings of the IEEE International Conference on Networking, Sensing & Control (ICNSC2004)*, pp. 456-461, Taiwan, March 2004.
6. Min-Shiang Hwang, **Ting-Yi Chang**, Shu-Chen Lin, and Chwei-Shyong Tsai, "On the Security of an Enhanced Authentication Key Exchange Protocol," *18th International Conference on Advanced Information Networking and Applications (AINA'04)*, vol. 2, pp. 160-163, Japan, March 2004.
7. 黃國豪,張庭毅, "智慧型自動化多目標回覆網路客服系統," 第五屆中小企業研討會, pp. 65-87, 2002.
表C302 共 4 頁第 4 頁
8. Chou-Chen Yang, **Ting-Yi Chang**, Jian-Wei Li, and Min-Shiang Hwang, "A New Authentication Scheme for Mobile IP Networks," *Symposium on Digital Life and Internet Technologies*, vol. 8_2, pp. 50, June 2002.
9. 張庭毅,謝東宏,黃明祥, "隱藏式附加日期電子現金", 2003 年電子商務經營管理研討會, 逢甲大學, pp. 465-470, Dec. 13, 2003
10. Chou-Chen Yang, **Ting-Yi Chang**, and Chia-Meng Chen, "Improvement on Pretty-Simple Password Authenticated Key-Exchange Protocol for Wireless Networks," in *Proceedings of the 13th National Conference on Information Security (ISC2003)*, pp. 369-376, Taiwan, Aug. 2003.
11. Chou-Chen Yang, **Ting-Yi Chang**, and Chia-Meng Chen, "An Efficient Authentication Scheme for Direct Communication in Mobile IP Networks," *Mobile Computing Workshop 2004*, pp. 429-436, 2004.
12. **Ting-Yi Chang**, Yi-Ting Chen, and Yen-Wei Chu, "Develop the Peer Assessment of Cooperative Learning in e-Learning — Using Consistent Fuzzy Preference Relation," *National Computer Symposium 2007 (NCS'07)*, pp. 554-561, Taiwan, Dec. 2007.
13. 許祐福,張庭毅,吳志盛 "基於強制合法與株落選擇的基因演算法於選題策略," 2009 第四屆數位教學暨資訊實務研討會, pp. 11, Taiwan, April 2009.

14. 楊玉如,張庭毅"動態節奏點擊認證系統," 2009 數位生活科技研討會, pp. 53, May 2009.
15. 許祐福,鄭培成,江茂綸,胡芸菁,張庭毅 "應用改良式株落選擇演算法同時組裝平行測驗," 2010 資訊科技國際研討會 (AIT2010), pp. 120, Taiwan, April 23-24, 2010. (ISBN: 978-986-7043-30-6)
16. 柯彥如,鄭培成,蔡政容,張庭毅 "強制合法基因演算法組裝課程策略之個人適性化學習系統," 2010 The International Conference on Computer and Network Technologies in Education (CNTE 2010), Taiwan, April 30, 2010. (ISBN: 978-986-02-3264-6)
17. **Ting-Yi Chang**, Min-Shiang Hwang, and Wei-Pang Yang, "An ElGamal-Extended Encryption Scheme for a Lengthy Plaintext Space and Its Applications in HPKE: KEM/DEM," *Cryptology and Information Security Conference 2010 (CISC2010)*, pp. 84, Taiwan, May 27-28, 2010.
18. **Ting-Yi Chang**, Pei-Cheng Cheng and Yi-Ting Chen, "A teacher evaluation system based on association rule and certainty factor inference: How to judge a course is successful or not?" *International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology*, pp. 1834-1854, Tokyo, Japan, January 18-20, 2011. (ISSN: 2074-5710) NSC98-2622-E-018-004-CC3, NSC99-2221-E-018-018
19. 鄭培成,林俊豪,張庭毅,江茂綸,蔡政容 "擊鍵特徵於觸控手持行動裝置之身分認證," 2011 The International Conference on Advanced Information Technologies, pp. 152, Taiwan, April 22-23, 2011. (ISBN: 978-986-7043-42-9) NSC99-2221-E-018-018, NSC99- 2221-E-018-021
20. 江茂綸,張庭毅,陳彥儒 "服務節點選擇機制應用於階層式雲端運算環境," 2011 The International Conference on Advanced Information Technologies, pp. 94, Taiwan, April 22-23, 2011. (ISBN: 978-986-7043-42-9) NSC99-2221-E-018-018
21. 林俊豪,張庭毅,蔡政容,鄭培成 "圖形通行碼結合擊鍵特徵於觸控式行動裝置之身分驗證," The 22th International Conference on Information Management, pp. 42, May 21, 2011. (ISBN: 978-986-7034-44-3) 獲選大會論文佳作 NSC99-2221-E-018-018, NSC99- 2221-E-018-021
22. **Ting-Yi Chang**, Cheng-Jung Tsai, Yu-Ju Yang, and Pei-Cheng Cheng, "User Authentication using Rhythm Click Characteristics for Non-Keyboard Devices," *Proceeding of 2011 International Conference on Asia Agriculture and Animal (ICAAA)*, pp. 167-171, Hong Kong, July 2-3, 2011. (ISBN: 978-981-08-9080-3) NSC99-2221-E-018-018, NSC99- 2221-E-018-021

姓名	陳菁徽	職 級	助理教授

姓名	陳菁徽	職 級	助理教授
----	-----	-----	------

期刊論文

1. Chen, C-H., Wu, I.C., & Lan, F.L. (in press). Designing online scaffolds for interactive computer simulation. *Interactive Learning Environments*. (SSCI) (NSC-98-2511-S-018-015)
2. Chen, C-H., & Chan, L. H. (in press). Effectiveness and impact of technology-enabled project-based learning with the use of process prompts in teacher education. *Journal of Technology and Teacher Education*. (國科會科教處資訊教育學門3.1級期刊) (NSC-98-2914-I-018-006-A1)
3. Chen, C-H. (in press). Transforming online professional development: The design and application of project-based learning management system for in-service teachers. *British Journal of Educational Technology*. (SSCI)
4. Chen, C-H. (2010). Promoting college students' knowledge acquisition and ill-structured problem solving: Web-based integration and procedure prompts. *Computers & Education*, 55(1), 292-303. (SSCI)
5. Chen, C-H., & Howard, B. (2010). Effect of live simulation on middle school students' attitudes and learning toward science. *Journal of Educational Technology and Society*, 13(1), 133-139. (SSCI)
6. Chan, L. H. & Chen, C-H. (2010). Conflict from teamwork in project-based collaborative learning. *Performance Improvement Journal*, 49(2), 23-28. (ABI)
7. Calinger, M., & Chen, C-H. (2009). Live simulation for clinical education. *TechTrends*, 53(5), 23-27.
8. Chen, C-H. (2009). Reframing narrative cases for ill-structured contexts: The design with learners in mind. *Journal of Learning Design*, 3(1), 34-40.
9. Chen, C-H., Calinger, M., Howard, B., & Oskorus, A. (2008). Design principles for 21st century educational technology: Connecting theory and practice. *International Journal of Information and Communication Technology Education*, 4(4), 19-30.
10. Kauffman, D., Ge, X., Xie, K., & Chen, C-H. (2008). Prompting in web-based environments: Supporting self-monitoring and problem solving skills in college students. *Journal of Educational Computing Research*, 38(2), 115-137. (國科會科教處資訊教育學門2.4級期刊)
11. Chen, C-H. (2007). Cultural diversity in instructional design for technology-based education. *British Journal of Educational Technology*, 38(6), 1113-1118. (SSCI)
12. Chen, C-H., & Bradshaw, A. C. (2007). The effect of web-based question prompts on scaffolding knowledge integration and ill-structured problem solving. *Journal of Research on Technology in Education*, 39(4), 359-375.
13. Hardré, P., & Chen, C-H. (2006). Teaching assistants learning, students responding: Process, product, and perspectives. *Journal of Graduate Teaching Assistant Development*, 10(1), 25-51.
14. Hardré, P., Chen, C-H., Huang, S-H., Chiang, C-T., Jen, F-L., & Warden, L. (2006). Factors affecting high school students' academic motivation in Taiwan. *Asian-Pacific Journal of Education*, 26(2), 189-207. (原SSCI期刊)
15. Hardré, P., Huang, S-H., Chen, C-H., Chiang, C-T., Jen, F-L., & Warden, L. (2006). High

school teachers' motivational perceptions and strategies in an East Asian nation. *Asian-Pacific Journal of Teacher Education*, 34(2), 199-221. (原SSCI期刊)

16. Chen, C-H., & Ge, X. (2006). The design of a web-based cognitive modeling system to support ill-structured problem solving. *British Journal of Educational Technology*, 37(2), 299-302. (SSCI)

17. Ge, X., Chen, C-H., & Davis, K. (2005). Scaffolding novice instructional designers' problem solving processes using question prompts in a web-based learning environment. *Journal of Educational Computing Research*, 33(2), 219-248. (國科會科教處資訊教育學門2.4級期刊)

18. Hardré, P., & Chen, C-H. (2005). A case-study analysis of the role of instructional design in the development of teaching expertise. *Performance Improvement Quarterly*, 18(1), 34-58. (ABI)

19. Bradshaw, A. C., Keller, O. C., & Chen, C-H. (2003). Reflecting on ethics, ethical codes, and relevance in an international instructional technology community. *TechTrends*, 47(6), 12-18, 39.

研討會論文期刊

1. Chen, C-H., & Chan, L-H. (2009, June). Understanding by design: An investigation of project-based learning implementation and lesson learned. In C. Fulford & G. Siemens (Eds.), Proceedings of Ed-Media World Conference on Educational Multimedia, Hypermedia & Telecommunications (pp. 1936-1942). Honolulu, Hawaii. (NSC-98-2914-I-018-006-A1)

2. Chen, C-H. (2009, June). The influences of Taiwanese student teachers' pedagogical beliefs on their images of technology integration in English language teaching (ELT). In C. Fulford & G. Siemens (Eds.), Proceedings of Ed-Media World Conference on Educational Multimedia, Hypermedia & Telecommunications (pp. 2116-2123). Honolulu, Hawaii.

3. Chen, C-H. (2008, October). The influence of beliefs about language learning on attitudes and engagement in students of English as a second language. Proceedings of Twelfth ROCMELIA International Conference on Multimedia Language Instruction (pp. 96-103). Kaohsiung, Taiwan.

研討會論文發表

1. Chen, C-H. (January 18-20, 2011). Effect of two instruction approaches on science performance and attitude in the computer-supported collaborative learning (CSCL) environment. Paper presented at the International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology, Tokyo, Japan.

2. Chen, C-H., & Wu, I.C. (2010, December). Supporting simulation learning with domain information and inquiry prompts. Paper presented at the annual International Conference of Taiwan Association for Educational Communications and Technology, Taipei, Taiwan. (TAECT 2010年國際學術研討會最佳論文獎)

3. Chen, C-H., & Chen, Y.W. (2009, November). Effectiveness of constructed responses and multiple-choice questions on recall and recognition in a web-based language learning environment. Paper presented at the 17th International Conference on Computers in Education, Hong Kong, China.

4. Chen, C-H., & Howard, B. (2008, March). The impact of the learner-centered simulated learning environment on middle school students' science learning. Paper presented at the annual

meeting of American Educational Research Association, New York City, NY.

5. Chen, C-H., Ruberg, L., Hull, J., & Martin, J. (2008, March). Promoting STEM teaching practices and student learning: A longitudinal impact of professional development. Paper presented at the annual meeting of American Educational Research Association, New York City, NY.

6. Chen, C-H., Calinger, M., & Howard, B. (2008, March). Design principles for 21st century educational technology: Connecting theory and practice. Paper presented at the annual meeting of American Educational Research Association, New York City, NY.

7. Ruberg, L., Chen, C-H., & Martin, J. (2008, March). Applying blended research methods to school-based intervention evaluation. Paper presented at the annual meeting of American Educational Research Association, New York City, NY.

8. Chen, C-H., Ruberg, L., & Martin, J. (2007, November). Prompting STEM-G through professional development: Learning from evaluation. Paper presented at the annual meeting of American Evaluation Association, Baltimore, Maryland.

9. Ruberg, L., Martin, J., & Chen, C-H. (2007, November). Value-added assessment: Teacher training designed to improve student achievement. Paper presented at the annual meeting of American Evaluation Association, Baltimore, Maryland.

10. Ruberg, L., & Chen, C-H. (2007, April). Analysis of impact: NASA Explorer Schools. Paper presented at Wheeling Jesuit University, Wheeling, West Virginia.

11. Chen, C-H. & Bradshaw, A. C. (2007, April). Prompting students' knowledge integration and ill-structured problem solving in a web-based learning environment. Paper presented at the annual meeting of American Educational Research Association, Chicago, Illinois.

12. Hardré, P., Huang, S-H., Chen, C-H., Chiang, C-T., Jen, F-L., & Warden, L. (2007, April). High school teachers' motivating perceptions and strategies in Taiwan. Paper presented at the annual meeting of American Educational Research Association, Chicago, Illinois.

13. Chen, C-H. & Bradshaw, A. C. (2006, October). The effects of web-based question prompts on scaffolding students' ill-structured problem solving. Paper presented at the annual meeting of Association for Educational Communications and Technology, Dallas, Texas.

14. Hardré, P., & Chen, C-H. (2006, October). Teaching assistants learning, students responding: Process, principles, products and perspectives. Paper presented at the annual meeting of Association for Educational Communications and Technology, Dallas, Texas.

15. Chen, C-H. & Bradshaw, A. C. (2006, October). Using concept maps to measure conceptual change in students' understanding of educational measurement constructs. Paper presented at the annual meeting of International Visual Literacy Association, Dallas, Texas.

16. Xie, K., Chen, C-H., Bradshaw, A. C. (2006, October). Supporting ill-structured problem solving with question prompts in a multimedia enhanced web-based learning environment. Paper presented at the annual meeting of International Visual Literacy Association, Dallas, Texas.

17. Hardré, P., Chen, C-H., Huang, S-H., Chiang, T., Jen, F-L., & Warden, L. (2006, April). Influences on high-school students' academic motivation in an Asian Nation. Paper presented at the annual meeting of American Educational Research Association, San Francisco, California.

18. Chen, C-H. (2006, March). Scaffolding knowledge integration and ill-structured problem

solving in a web-based learning environment. Paper presented at the annual meeting of Graduate Student Research & Creativity Endeavors sponsored by the Graduate College at the University of Oklahoma.

19. Ge, X., Du, J., Chen, C-H., & Huang, K. (2005, October). Scaffolding problem solving process using question prompts. Paper presented at the annual meeting of Association for Educational Communications and Technology, Orlando, Florida.

20. Ge, X., Xie, K., Chen, C-H., & Kauffman, D. (2005, October). Prompting in web-based environments: Scaffolding self-monitoring skills in college age students. Paper presented at the annual meeting of Association for Educational Communications and Technology, Orlando, Florida.

21. Hardré, P., & Chen, C-H. (2005, April). The role of instructional design in the development of teaching expertise: A multiple case study. Paper presented at the annual meeting of American Educational Research Association, Montreal, Canada.

22. Kauffman, D., Ge, X., Chen, C-H., & Xie, K. (2005, April). Prompting in web-based environments: Scaffolding self-monitoring skills in college age students. Paper presented at the annual meeting of American Educational Research Association, Montreal, Canada.

23. Chen, C-H. (2004, October). Effectiveness and functionality of online interactive learning programs. Paper presented at the annual meeting of Association for Educational Communications and Technology, Chicago, Illinois.

24. Ge, X., & Chen, C-H. (2004, April). Scaffolding novices solving instructional design problems using question prompts. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

25. Hardré, P., Chen, C-H., White, D. & Jen, F. L. (2004, April). Testing a cognitive organizational model for developing teaching assistants' teaching expertise. Paper presented at the annual meeting of American Educational Research Association, San Diego, CA.

26. Ge, X., & Chen, C-H. (2003, October). A web-based cognitive modeling system for novice instructional designers. Paper presented at the annual meeting of Association for Education Communications and Technology, Anaheim, CA.

27. Hardré, P., Chen, C-H., White, D., Jen, F-L., & Grady, A. (2003, October). Testing a cognitive organizational model for developing teaching expertise. Poster session presented at the annual meeting of Oklahoma Association of Teacher Education, Norman, OK.

姓名	羅志成	職 級	助理教授
<p>羅志成*，莊志鋒，許家銘，黃俊傑(2009)。台灣太陽能光電產業創新系統運作之研究-以利害關係人的觀點。2009 中華民國科技管理學會年會暨論文研討會-新興科技的科技管理理論文摘要集(最佳論文獎)，台北: 大同大學。</p> <p>羅志成、許家銘、詹靜怡、徐裕逢(2009)。大學應屆畢業生工作價值觀與就業力之探討-以技職院校與一般大學院校為控制變數。2009 年度技職院校教育品質提昇研討會論文文摘要集(P.28-29)，台中:修平技術學院。</p>			

羅志成、高仁山、王睦鈞、高柏鈞(2008)。預應未來科專政策新思維研究。經濟部97年度科技研究發展專案計畫執行報告:我國產業科技創新競爭力與產學互動研究計畫。台北市:經濟部技術處

羅志成、高仁山(2008)。經濟變、辨、辯:參與國際未來學計畫之推介與論據。台灣經濟研究月刊, 31(11), 103-108。

Lo, C.,-C. (2007). *Patent based analysis on Taiwan's Technological innovation performance*. Presented at TIER-RIETI Workshop 2007/11 (Taiwan Institute of Economic Research, TIER- The Research Institute of Economy, Trade and Industry, RIETI, Japan), Tokyo, Japan.

羅志成(2007)。專利侵權訴訟與產業創新。台灣經濟研究月刊, 30 (11), 34-40。

Lo, C.,-C. (2007). *International Trade Disputes in Intellectual Property: Taiwanese cases in the United States International Trade Commission*, Unpublished Ph.D. Thesis, University of Manchester.

Lo, C.-C. (2006, June). *Cross-border trade-relevant patent dispute: Taiwanese cases in the United States Section 337 investigations*[Abstract]. Third International PRIME Doctoral Conference, Denmark: Copenhagen

Lo, C.-C. (2006, May). *The dynamic process of cross-border patent dispute and its effect on innovation Activities: Taiwanese cases in the United States Section 337 investigations* [Abstract]. Presented at IAMOT 2006 (International Association for Management of Technology), Beijing, China.

Lo, C.-C. (2005, April). *The dynamic process of patent disputes and its effect- case study of USITC patent infringement investigations* [Abstract]. Presented at One Size Fits All: contemporary challenges of integration and fragmentation, Manchester, UK.

Lo, C.-C. (2003, May). *Intellectual property management and strategy in the development of biotechnology*[Abstract]. Presented at Manchester Federal School Doctoral Conference, Manchester, UK.