

學術研究成果			
基本資料			
姓名：	陳永福	性別：	男
英文姓名：	Yung-Fu Chen	英文縮寫：	Y. F. Chen
任職單位：	中臺科技大學管理學院院長		
Email：	yfchen@ctust.edu.tw		
研究專長			
醫學資訊、電機工程、醫學工程、資訊工程			

期刊論文	
(作者群，論文題目，期刊名稱，出版年月，卷號(期別):頁次起迄)	
EI 論文	(Chia-Hung Lin)、陳永福(Yung-Fu Chen)、(Yi-Chun Du)、(Jian-Xing Wu)、(Tainsong Chen)*, Chaos Synchronization Detector Combining Radial Basis Network for Estimation of Lower Limb Peripheral Vascular Occlusive Disease, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2010May, 6165(6165):126-136
EI 論文	(Ya-Chin Liao)、(Kuo-An Wang)、(Po-Chou Chan)、(Yu-Ting Lin)、(Jung-I Chin)、陳永福(Yung-Fu Chen)*, Digital Folklore Contents on Education of Childhood Folklore and Corporate Identification System Design, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2010Apr, 6102(6102):15-24
EI 論文	(Ching-Su Chang)、(Tan-Hsu Tan)*、陳永福(Yung-Fu Chen)、(Yung-Fa Huang)、(Ming-Huei Lee)、(Jin-Chyr Hsu)、(Hou-Chaung Chen), Development of a Ubiquitous Emergency Medical Service System Based on Zigbee and 3.5G Wireless Communication Technologies, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2010Apr, 6165(6165):201-208
EI 論文	陳永福(Yung-Fu Chen)、(You-Yun Lee)、(Tainsong Chen)、(John L. Semmlow)、(Tara L. Alvarez)*, Behaviors, Models, and Clinical Applications of Vergence Eye Movements, Journal of Medical and Biological Engineering, 2010Feb, 30(1):1-15
SCI 論文	(Yung-Fa Huang)、陳永福(Yung-Fu Chen)、(Tan-Hsu Tan)*、(Ho-Lung Hung), APPLICATIONS OF FUZZY LOGIC FOR ADAPTIVE INTERFERENCE CANCELLER IN CDMA WIRELESS COMMUNICATION SYSTEMS, International Journal of Innovative Computing Information and Control, 2010Feb, 6(4):1-13
SCI 論文	陳永福(Yung-Fu Chen)、(Yung-Fa Huang)、(Hsuan-Hung Lin)*、(Yuan-Nian Hsu)、(Hsuan-Hung Lin)*, Design of Clinical Support Systems Using Integrated Genetic Algorithm and Support Vector Machine, LECTURE NOTES IN COMPUTER SCIENCE, 2009Sep, 5702(5702):791-798
SCI 論文	陳永福(Yung-Fu Chen)、(Rung-Ching Chen)、(Yung-Kuan Chan)、(Ren-Hao Pan)、(Hsuan-Hung Lin)*、(Elong Lin)*, Design of Multiplex PCR Primers Using Heuristic Algorithm for Sequential Deletion Applications, COMPUTATIONAL BIOLOGY AND CHEMISTRY, 2009Mar, 33(2):181-188
EI 論文	(SHOW-WEI CHIEN)、陳永福(Yung-Fu Chen)、(PEI-WEI YEN)、(HSUAN-HUNG LIN)*, Using Palette and

文	Minimum Spanning Tree for True-Color Image Steganography , WSEAS Transactions on Computers , 2009Feb , 8(2):365-375
Other 論文	(John L. Semmlow) 、陳永福(Yung-Fu Chen) 、(Berangere Granger-Donnetti) 、(Tara L. Alvarez) , Correction of Saccade-Induced Midline Errors in Responses to Pure Disparity Vergence Stimuli , Journal of Eye Movement Research , 2009Feb , 2(5):1-11
SCI 論 文	陳永福(Yung-Fu Chen) 、(Yi-Chun Du) 、(Yi-Ting Tsai) 、(Tainsong Chen)* , Assessment of bone property using quantitative ultrasound images based on whole calcaneus , MEASUREMENT SCIENCE & TECHNOLOGY , 2009Jan , 20(1):1-11
SCI 論 文	(M.-H. Tsai) 、(C.-K. Chen) 、陳永福(Yung-Fu Chen) 、(Y.-K. Chan) 、(K.-C. Chen) 、(Y.-P. Chu) , Secret image sharing scheme based solely on ADDITION , IMAGING SCIENCE JOURNAL , 2008Apr , 56(4):183-188
SCI 論 文	(Po-Chou Chan) 、(Ya-Chin Liao) 、(Kuo-An Wang) 、(Hsuan-Hung Lin) 、陳永福(Yung-Fu Chen)* , Digital Content Development of Folklore Artifacts and Activities for Folklore Education , LECTURE NOTES IN COMPUTER SCIENCE , 2008Apr , (5145):332-343
SCI 論 文	陳永福(Yung-Fu Chen) 、(Yung-Kuan Chan) 、(Guo-Uei Chang) 、(Meng-Chi Tsao) 、(Yu-Jhuang Syu) 、(Chuen-Horng Lin)* , Image Retrieval Using Modified Color Variation Co-occurrence Matrix , LECTURE NOTES IN ARTIFICIAL INTELLIGENCE , 2008Jun , (5027):42-51
EI 論 文	(K. A. Wang) 、(H. H. Lin) 、(P. C. Chan) 、(C. H. Lin) 、(S. H. Chang) 、陳永福(Yung-Fu Chen)* , Implementation of an image retrieval system using wavelet decomposition and gradient variation , WSEAS Transactions on Computers , 2008Jun , 7(6):724-734
Other 論文	(J. L. Semmlow) 、陳永福(Yung-Fu Chen) 、(C. Pedrono) 、(T. Alvarez) , Saccadic behavior during the response to pure disparity vergence stimuli I: General properties , Journal of Eye Movement Research , 2008Jun , (1):1-11
SCI 論 文	程大川(Da-Chuan Cheng) 、丁文謙(Wen-Chien Ting) 、陳永福(Yung-Fu Chen) 、(Qin Pu) 、(Xiaoyi Jiang) , Colorectal polyps detection using texture features and support vector machine , LECTURE NOTES IN ARTIFICIAL INTELLIGENCE , 2008 , 5108(0):62-72
SCI 論 文	(Tan-Hsu Tan) 、(Ching-Su Chang) 、陳永福(Yung-Fu Chen) 、(Cheng Lee) , Implementation of a Portable Personal EKG Signal Monitoring System , LECTURE NOTES IN COMPUTER SCIENCE , 2007Nov , (4901):122-128
SCI 論 文	陳永福(Yung-Fu Chen) 、(Yi-Chin Du) 、(Yi-Ting Tsai) 、(Tainsong Chen) , Using Modified Contour Deformable Model to Quantitatively Estimate Ultrasound Parameters for Osteoporosis Assessment , LECTURE NOTES IN COMPUTER SCIENCE , 2007Nov , (4901):208-215
SCI 論 文	(Shys-Fan Yang-Mao) 、陳永福(Yung-Fu Chen) 、(Yung-Kuan Chan) 、(Meng-Hsin Tsai) 、(Yen-Ping Chu) , Gradient Direction Edge Enhancement Based Nucleus and Cytoplasm Contour Detector of Cervical Smear Images , LECTURE NOTES IN COMPUTER SCIENCE , 2007Nov , (4901):290-297
SCI 論 文	(Po-Chi Huang) 、(Yung-Kuan Chan) 、(Po-Chou Chan) 、陳永福(Yung-Fu Chen) 、(Rung-Ching Chen) 、(Yu-Ruei Huang) , Quantitative Assessment of Pap Smear Cells by PC-Based Cytopathologic Image Analysis System and Support Vector Machine , LECTURE NOTES IN COMPUTER SCIENCE , 2007Nov , (4901):192-199
SCI 論 文	陳永福 、(Yung-Kuan Chan)* 、(Ching-Chun Huang) 、(Meng-Hsiun Tsai) 、(Yen-Ping Chu) , A multiple-level visual secret-sharing scheme without image size expansion , INFORMATION SCIENCES , 2007Sep ,

	177(177):4696-4710
SCI論文	(Yi-Chun Du)、陳永福、(Pei-Jarn Chen)、(Yu-Ching Lin)、(Tainsong Chen)*、(Chii-Jeng Lin)、Quantitative Ultrasound (QUS) Assessment of Tissue Properties for Achilles Tendons, MEASUREMENT SCIENCE & TECHNOLOGY, 2007Sep, (18):2885-2892
SCI論文	陳永福、(Rung-Ching Chen)、(Lin-Yu Tseng)*、(Elong Lin)、(Yung-Kuan Chan)、(Ren-Hao Pan)、NTMG (N-terminal Truncated Mutants Generator for cDNA): an automatic multiplex PCR assays design for generating various N-terminal truncated cDNA mutants, NUCLEIC ACIDS RESEARCH, 2007Jul, (35):W66-W70
SCI論文	(Jiin-Chyr Hsu)、陳永福(Yung-Fu Chen)*、(Hsuan-Hung Lin)、(Chi-Hsiang Li)、(Xiaoyi Jiang)、Construction of Prediction Module for Successful Ventilator Weaning, LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, 2007Jun, (4570):766-775
SCI論文	陳永福(Yung-Fu Chen)、(Meng-Hsiun Tsai)、(Chung-Chuan Cheng)、(Po-Chou Chan)*、(Yuan-Heng Zhong)、Perimeter Intercepted Length and Color t-value as Features for Nature-Image Retrieval, LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, 2007Jun, (4570):185-194
EI論文	(Kuo-Hsien Huang)、(Shou-Wei Chien)、(Yuan-Nian Hsu)、(Chu-Ying Kou)、陳永福(Yung-Fu Chen)*、A Total Laboratory Automation System Consolidated by Virtual Private Network for Improving Laboratory Efficiency, WSEAS Transactions on Systems, 2007Feb, (6):310-315
Other論文	(詹博州)、陳永福(Yung-Fu Chen)、(黃國賢)、(林宜宏)、(顏培偉)、台灣民俗文物館文物數位典藏系統之研製, 中臺學報 (The Chungtai Junior College Journal), 2006Dec, 2(18):133-150
SCI論文	陳永福(Yung-Fu Chen)、(Po-Chou Chan)、(Kuo-Hsien Huang)、(Hsuan-Hung Lin)、A Digital Library for Preservation of Folklore Crafts, Skills, and Rituals and Its Role in Folklore Education, LECTURE NOTES IN COMPUTER SCIENCE, 2006Nov, (4321):32-41
EI論文	(Joanne Hui-Tzu Wang)、(Po-Chou Chan)、陳永福(Yung-Fu Chen)*、(Kuo-Hsien Huang)、Implementation and Evaluation of Interactive Online Video Learning for Childcare SOPs, WSEAS Transactions on Computers, 2006Nov, (5):2799-2806
SCI論文	(Kuo-Lung Hong)、陳永福(Yung-Fu Chen)*、(Yung-Kuan Chan)、(Chung-Chuan Cheng)、An Image Retrieval System Based on Colors and Shapes of Objects, LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, 2006Nov, (4099):1094-1098
SCI論文	(Yung-Kuan Chan)、(Duan-Li Liau)、陳永福(Yung-Fu Chen)、(Hsien-Chu Wu)、(Yen-Ping Chu)、A Minute Lossy and Lossless Method for 2D-Gel Images Compression, INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY, 2006Jul, (16):1-8
SCI論文	(Wen-Ling Chan)、(Jan-Gowth Chang)、陳永福(Yung-Fu Chen)*、(Yung-Kuan Chan)、(Yen-Ping Chu)、Identification of Mouse mslp2 Gene from EST Database by Repeated Searching, Comparison, and Assembling, COMPUTERS IN BIOLOGY AND MEDICINE, 2006Jan, (36):102-109
SCI論文	(Po-Chou Chan)、陳永福(Yung-Fu Chen)、(Kuo-Hsien Huang)、(Hsuan-Hung Lin)、Digital Contents Development of Taiwanese Culture Artifacts, LECTURE NOTES IN COMPUTER SCIENCE, 2005Nov, (3865):90-99
Other論文	詹博州、陳永福*、許博厚、王文瑞、黃國賢、金榮義、民俗文物數位內容的發展-以台灣民俗文物館為例, 中臺學報 (The Chungtai Junior College Journal), 2004Dec, 1(16):115-133

EI 論文	(Hsuan-Hung Lin)、陳永福、(Tainsong Chen)，Temporal Analysis of Reflexive Saccades，Biomedical Engineering- Application, Basis & Communications，2004Oct，(16):355-362
EI 論文	陳永福、(Tainsong Chen)、(John L. Semmlow)，Decomposition of Control Signals for Saccade and Vergence Eye Movements Using Independent Component Analysis，Journal of Medical and Biological Engineering，2004Jan，1(24):23-28
研討會論文	
(發表主題或論文名稱，研討會名稱，演講地點，研討會期間，受邀演講題目)	
1.	Discrepancy between Perceived Severity of Nasal Obstruction and Objective Findings in Rhinomanometry and Acoustic Rhinometry，2009 10th Taiwan-Japan Otolaryngology Head & Neck Conference，Hotel Royal Chiao Hsi，2009.12.4 ~ 2009.12.5，
2.	病患自覺性鼻塞與鼻阻力測量及聲波鼻腔測量檢查之相關性研究，台灣耳鼻喉科醫學會第 87 屆學術演講會，中國醫藥大學立夫教學大樓，2009.11.7 ~ 2009.11.8，
3.	管制藥品作業流程 RFID 技術之應用－概念驗證，2009 Workshop on Consumer Electronics(2009 年民生電子研討會)，國立勤益科技大學，2009.11.6 ~ 2009.11.6，
4.	Development of an Intelligent e-Restaurant for Customer-Centric Service，2009 Workshop on Consumer Electronics(2009 年民生電子研討會)，國立勤益科技大學，2009.11.6 ~ 2009.11.6，
5.	醫療輸注液準備流程 RFID 技術之應用－概念驗證，2009 Workshop on Consumer Electronics(2009 年民生電子研討會)，國立勤益科技大學，2009.11.6 ~ 2009.11.6，
6.	AN ADAPTIVE FUZZY LOGIC CODE ALLOCATOR FOR 2-D OVSF CODED OF CDM COMMUNICATION SYSTEMS OVER DUAL SELECTIVE FADING CHANNELS，The Eighth International Conference on Machine Learning and Cybernetics，Baoding, Chian，2009.7.12 ~ 2009.7.15，
7.	IMPLEMENTATION OF AN RFID-BASED MANAGEMENT SYSTEM FOR OPERATION ROOM，The Eighth International Conference on Machine Learning and Cybernetics，Baoding, Chian，2009.7.12 ~ 2009.7.15，
8.	Implementation of an RFID-based Management System for Operation Room，The 8th International Conference on Machine Learning and Cybernetics (ICMLC 2009)，Baoding City, China，2009.7.12 ~ 2009.7.15，
9.	應用知識管理於微創手術學習之研究，第四屆智慧生活科技研討會，台中，台灣，2009.6.5 ~ 2009.6.5，
10.	整合無線感測網路技術於手術室排程系統之研究，第四屆智慧生活科技研討會，台中，台灣，2009.6.5 ~ 2009.6.5，
11.	整合無線感測網路技術於手術室排程系統之研究，第四屆 智慧生活科技研討會議程表 (ILT 2009)，國立勤益科技大學，2009.6.5 ~ 2009.6.5，
12.	True Color Image Steganography Using Palette and Minimum Spanning Tree，3rd WSEAS International Conference on COMPUTER ENGINEERING and APPLICATIONS (CEA'09)，Zhejiang Wanli University, CHINA，2009.1.10 ~ 2009.1.12，
13.	The Study of Prescription Pattern and Inappropriate Prescriptions in Treating Asthma under Primary Care，22nd Federation of Asian Pharmaceutical Associations Congress，Singapore，2008.11.7 ~ 2008.11.10，
14.	RFID 技術在住院病患用藥安全之應用，第五屆流通與全球運籌論文研討會，國立台中技術學院，

	2008.10.31 ~ 2008.10.31 ,
15 .	RFID 技術應用於開放性肺結核病患之治療，第五屆流通與全球運籌論文研討會，國立台中技術學院，2008.10.31 ~ 2008.10.31 ,
16 .	DIAGNOSIS AND PREDICTION OF PATIENTS WITH SEVERE OBSTRUCTIVE APNEAS USING SUPPORT VECTOR MACHINE , 2008 International Conference on Machine Learning and Cybernetics , Kunming, China , 2008.7.12 ~ 2008.7.15 ,
17 .	Using Support Vector Machine to Construct a Predictive Model for Clinical Decision-Making of Ventilation Weaning , 2008 International Joint Conference on Neural Networks (IJCNN 2008) , Hong Kung , 2008.6.1 ~ 2008.6.6 ,
18 .	全民健保西醫基層門診氣喘用藥型態及問題處方之研究，2008 醫療品質與管理國際研討會，中山醫學大學，2008.5.24 ~ 2008.5.24 ,
19 .	Application of Wavelet Decomposition and Gradient Variation in Texture Image Retrieval , 8th WSEAS Int. Conference on Multimedia Systems and Signal Processing , Hangzhou, China , 2008.4.6 ~ 2008.4.8 ,
20 .	利用決策樹方法分析探討糖尿病人血糖控制之成效，2008 International Conference on Advanced Information Technologies , 朝陽科技大學，2008.4.25 ~ 2008.4.26 ,
21 .	Digital Preservation and Implementation of an Information Exchange Platform for Folklore Hobbyists , 2008 International Conference on Advanced Information Technologies , 朝陽科技大學，2008.4.25 ~ 2008.4.26 ,
22 .	，提昇醫療機構產學合作品質研討會，暑立豐原醫院，2008.3.6 ~ 2008.3.6 ,
23 .	三維立體鼻竇影像於手術訓練的應用，台灣耳鼻喉科醫學會第 83 屆學術演講會，台大醫院國際會議中心，2007.11.3 ~ 2007.11.4 ,
24 .	建立子宮頸細胞數位參數量測輔助分析系統，第六屆亞太 HL7 健康資訊交換標準研討會，臺大醫院國際會議中心，2007.6.19 ~ 2007.6.22 ,
25 .	Texture Image Retrieval Using Features Obtained from Gradient Images , 第二屆 智慧生活科技研討會(ILT 2007) , 國立勤益科技大學，2007.6.1 ~ 2007.6.1 ,
26 .	，提升醫療機構產學合作品質研討會，署立豐原醫院，2007.3.22 ~ 2007.3.22 ,
27 .	Implementation of a Central Laboratory with Consolidated Laboratory Network for Central Taiwan Natio , 5th WSEAS Int. Conf. on Circuits, Systems, Electronics, Control & Signal Processing , Dallas Texas , 2006.11.1 ~ 2006.11.3 ,
28 .	An Image Retrieval System Based on Wavelet Decomposition and Gradient Variation , 第四屆管理學術研討會，國立勤益技術學院，2006.11.24 ~ 2006.11.24 ,
29 .	Implementation of a Burn Scar Assessment System by Ultrasound Techniques , Proceedings of the 28th IEEE Engineering in Medicine and Biology , New York, USA , 2006.9.1 ~ 2006.9.4 ,
30 .	Multiple ECG Beats recognition in the Frequency Domain Using Grey Relational Analysis , Proceedings of the 28th IEEE Engineering in Medicine and Biology , New York , 2006.9.1 ~ 2006.9.4 ,
31 .	Digital Preservation of Childcare SOPs Using Metadata and Its Application in Online Education , The 10th WSEAS International Conference on Compute , Vouliagmeni, Athens, Greece , 2006.7.13 ~ 2006.7.15 ,
32 .	Multiple Cardiac Arrhythmia Recognition Using Adaptive Wavelet Network , Proceedings of the 2005 IEEE

	ENGINEERING in Medicine and Biology , Shanghai, China , 2005.9.1 ~ 2005.9.4 ,
33 .	A VQ-based image compression of continuous images with great similarity , 2005 International Conference on Intelligent Technologies and Applied Statistics (ITAS2005) , Taipei, Taiwan , 2005.6.24 ~ 2005.6.26 ,
34 .	Analyses of Decomposed Saccadic Pulses and Steps by Independent Component Analysis for Patients with Brain Stem Damage , The Int. Conf. on Mathematics and Engineering Techniques in Medicine and Biological Science , Las Vegas, USA , 2005.6.20 ~ 2005.6.23 ,
35 .	Effect of Saccadic Pulse and Step Signals Decomposed by Independent Component Analysis on the Patients with Brain Stem Damage , The 6th Asian-Pacific Conference on Medical and Biological Engineering , Tsukuba, Japan , 2005.4.24 ~ 2005.4.27 ,
36 .	Optical Disk Locating of the Retinal Fundus Images Using Simple Statistic Parameters , IASTED International Conference on Biomedical E , Innsbruck, Austria , 2005.2.16 ~ 2005.2.18 ,
37 .	Identification of Mouse mslp2 Gene from EST Database by Repeated Searching, Comparison, and Assembling , METMBS'04 International Conference , 美國拉斯維加斯 , 2004.6 ~ ,
38 .	Identification of Mouse mslp2 Gene from EST Database by Repeated Searching, Comparison, and Assembling , The International Conference on Mathematics and Engineering, Techniques in Medicine and Biological S , 美國拉斯維加斯 , 2004.6 ~ ,

研討會論文

(發表主題或論文名稱，研討會名稱，演講地點，研討會期間，受邀演講題目)

1 .	Discrepancy between Perceived Severity of Nasal Obstruction and Objective Findings in Rhinomanometry and Acoustic Rhinometry , 2009 10th Taiwan-Japan Otolaryngology Head & Neck Conference , Hotel Royal Chiao Hsi , 2009.12.4 ~ 2009.12.5 ,
2 .	病患自覺性鼻塞與鼻阻力測量及聲波鼻腔測量檢查之相關性研究 , 台灣耳鼻喉科醫學會第 87 屆學術演講會 , 中國醫藥大學立夫教學大樓 , 2009.11.7 ~ 2009.11.8 ,
3 .	管制藥品作業流程 RFID 技術之應用－概念驗證 , 2009 Workshop on Consumer Electronics(2009 年民生電子研討會) , 國立勤益科技大學 , 2009.11.6 ~ 2009.11.6 ,
4 .	Development of an Intelligent e-Restaurant for Customer-Centric Service , 2009 Workshop on Consumer Electronics(2009 年民生電子研討會) , 國立勤益科技大學 , 2009.11.6 ~ 2009.11.6 ,
5 .	醫療輸注液準備流程 RFID 技術之應用－概念驗證 , 2009 Workshop on Consumer Electronics(2009 年民生電子研討會) , 國立勤益科技大學 , 2009.11.6 ~ 2009.11.6 ,
6 .	AN ADAPTIVE FUZZY LOGIC CODE ALLOCATOR FOR 2-D OVVSF CODED OF CDM COMMUNICATION SYSTEMS OVER DUAL SELECTIVE FADING CHANNELS , The Eighth International Conference on Machine Learning and Cybernetics , Baoding, Chian , 2009.7.12 ~ 2009.7.15 ,
7 .	IMPLEMENTATION OF AN RFID-BASED MANAGEMENT SYSTEM FOR OPERATION ROOM , The Eighth International Conference on Machine Learning and Cybernetics , Baoding, Chian , 2009.7.12 ~ 2009.7.15 ,
8 .	Implementation of an RFID-based Management System for Operation Room , The 8th International Conference on Machine Learning and Cybernetics (ICMLC 2009) , Baoding City, China , 2009.7.12 ~ 2009.7.15 ,

9 .	應用知識管理於微創手術學習之研究，第四屆智慧生活科技研討會，台中，台灣，2009.6.5 ~ 2009.6.5，
10 .	整合無線感測網路技術於手術室排程系統之研究，第四屆智慧生活科技研討會，台中，台灣，2009.6.5 ~ 2009.6.5，
11 .	整合無線感測網路技術於手術室排程系統之研究，第四屆 智慧生活科技研討會議程表 (ILT 2009)，國立勤益科技大學，2009.6.5 ~ 2009.6.5，
12 .	True Color Image Steganography Using Palette and Minimum Spanning Tree，3rd WSEAS International Conference on COMPUTER ENGINEERING and APPLICATIONS (CEA'09)，Zhejiang Wanli University, CHINA，2009.1.10 ~ 2009.1.12，
13 .	The Study of Prescription Pattern and Inappropriate Prescriptions in Treating Asthma under Primary Care，22nd Federation of Asian Pharmaceutical Associations Congress，Singapore，2008.11.7 ~ 2008.11.10，
14 .	RFID 技術在住院病患用藥安全之應用，第五屆流通與全球運籌論文研討會，國立台中技術學院，2008.10.31 ~ 2008.10.31，
15 .	RFID 技術應用於開放性肺結核病患之治療，第五屆流通與全球運籌論文研討會，國立台中技術學院，2008.10.31 ~ 2008.10.31，
16 .	DIAGNOSIS AND PREDICTION OF PATIENTS WITH SEVERE OBSTRUCTIVE APNEAS USING SUPPORT VECTOR MACHINE，2008 International Conference on Machine Learning and Cybernetics，Kunming, China，2008.7.12 ~ 2008.7.15，
17 .	Using Support Vector Machine to Construct a Predictive Model for Clinical Decision-Making of Ventilation Weaning，2008 International Joint Conference on Neural Networks (IJCNN 2008)，Hong Kung，2008.6.1 ~ 2008.6.6，
18 .	全民健保西醫基層門診氣喘用藥型態及問題處方之研究，2008 醫療品質與管理國際研討會，中山醫學大學，2008.5.24 ~ 2008.5.24，
19 .	Application of Wavelet Decomposition and Gradient Variation in Texture Image Retrieval，8th WSEAS Int. Conference on Multimedia Systems and Signal Processing，Hangzhou, China，2008.4.6 ~ 2008.4.8，
20 .	利用決策樹方法分析探討糖尿病人血糖控制之成效，2008 International Conference on Advanced Information Technologies，朝陽科技大學，2008.4.25 ~ 2008.4.26，
21 .	Digital Preservation and Implementation of an Information Exchange Platform for Folklore Hobbyists，2008 International Conference on Advanced Information Technologies，朝陽科技大學，2008.4.25 ~ 2008.4.26，
22 .	，提昇醫療機構產學合作品質研討會，暑立豐原醫院，2008.3.6 ~ 2008.3.6，
23 .	三維立體鼻竇影像於手術訓練的應用，台灣耳鼻喉科醫學會第 83 屆學術演講會，台大醫院國際會議中心，2007.11.3 ~ 2007.11.4，
24 .	建立子宮頸細胞數位參數量測輔助分析系統，第六屆亞太 HL7 健康資訊交換標準研討會，臺大醫院國際會議中心，2007.6.19 ~ 2007.6.22，
25 .	Texture Image Retrieval Using Features Obtained from Gradient Images，第二屆 智慧生活科技研討會(ILT 2007)，國立勤益科技大學，2007.6.1 ~ 2007.6.1，
26 .	，提升醫療機構產學合作品質研討會，署立豐原醫院，2007.3.22 ~ 2007.3.22，
27 .	Implementation of a Central Laboratory with Consolidated Laboratory Network for Central Taiwan Natio，5th

	WSEAS Int. Conf. on Circuits, Systems, Electronics, Control & Signal Processing , Dallas Texas , 2006.11.1 ~ 2006.11.3 ,
28 .	An Image Retrieval System Based on Wavelet Decomposition and Gradient Variation , 第四屆管理學術研討會 , 國立勤益技術學院 , 2006.11.24 ~ 2006.11.24 ,
29 .	Implementation of a Burn Scar Assessment System by Ultrasound Techniques , Proceedings of the 28th IEEE Engineering in Medicine and Biology , New York, USA , 2006.9.1 ~ 2006.9.4 ,
30 .	Multiple ECG Beats recognition in the Frequency Domain Using Grey Relational Analysis , Proceedings of the 28th IEEE Engineering in Medicine and Biology , New York , 2006.9.1 ~ 2006.9.4 ,
31 .	Digital Preservation of Childcare SOPs Using Metadata and Its Application in Online Education , The 10th WSEAS International Conference on Compute , Vouliagmeni, Athens, Greece , 2006.7.13 ~ 2006.7.15 ,
32 .	Multiple Cardiac Arrhythmia Recognition Using Adaptive Wavelet Network , Proceedings of the 2005 IEEE ENGINEERING in Medicine and Biology , Shanghai, China , 2005.9.1 ~ 2005.9.4 ,
33 .	A VQ-based image compression of continuous images with great similarity , 2005 International Conference on Intelligent Technologies and Applied Statistics (ITAS2005) , Taipei, Taiwan , 2005.6.24 ~ 2005.6.26 ,
34 .	Analyses of Decomposed Saccadic Pulses and Steps by Independent Component Analysis for Patients with Brain Stem Damage , The Int. Conf. on Mathematics and Engineering Techniques in Medicine and Biological Science , Las Vegas, USA , 2005.6.20 ~ 2005.6.23 ,
35 .	Effect of Saccadic Pulse and Step Signals Decomposed by Independent Component Analysis on the Patients with Brain Stem Damage , The 6th Asian-Pacific Conference on Medical and Biological Engineering , Tsukuba, Japan , 2005.4.24 ~ 2005.4.27 ,
36 .	Optical Disk Locating of the Retinal Fundus Images Using Simple Statistic Parameters , IASTED International Conference on Biomedical E , Innsbruck, Austria , 2005.2.16 ~ 2005.2.18 ,
37 .	Identification of Mouse mslp2 Gene from EST Database by Repeated Searching, Comparison, and Assembling , METMBS'04 International Conference , 美國拉斯維加斯 , 2004.6 ~ ,
38 .	Identification of Mouse mslp2 Gene from EST Database by Repeated Searching, Comparison, and Assembling , The International Conference on Mathematics and Engineering, Techniques in Medicine and Biological S , 美國拉斯維加斯 , 2004.6 ~ ,

研究計畫	
(研究類型, 研究計畫代號, 主持人, 補助或委託單位名稱, 計畫名稱, 研究經費, 計畫期間)	
1 .	個別型, NSC 98-2221-E-027-062, 譚旦旭, 陳永福(Yung-Fu Chen)、詹永寬、黃永發、徐錦池、李明輝, 國科會, 應用 ZigBee、GPS、以及 WiMAX 技術建構緊急救護系統之研究(II), \$674000, 2009.8.1 ~ 2010.7.31
2 .	學生參與計畫, CMU98-大專-38, 陳永福(Yung-Fu Chen), 本校(含附醫), OPTIMIZATION OF ELECTROPHORESIS IMAGE SEGMENTATION BASED ON DIFFERENT EXPOSURES AND AN AUTOMATIC DNA FINGERPRINTING METHOD , \$30000, 2009.8.1 ~ 2010.2.28
3 .	個別型, NSC98-2410-H-039-003-MY2, 陳永福(Yung-Fu Chen), 杭良文(Liang-Wen Hang)、林妍如(Blossom

	Yen-Ju Lin)、林宜宏，國科會，依序利用 Oximeter 診斷重度及 PSG 診斷輕、中度阻塞性睡眠缺氧症以降低醫療成本，\$666000，2009.8.1 ~ 2010.7.31
4 .	學生參與計畫，NSC 98-2815-C-039-038-B，陳永福(Yung-Fu Chen)，國科會，OPTIMIZATION OF ELECTROPHORESIS IMAGE SEGMENTATION BASED ON DIFFERENT EXPOSURES AND AN AUTOMATIC DNA FINGERPRINTING METHOD，\$47000，2009.7.1 ~ 2010.2.28
5 .	個別型，98-2911-I-005-0010，詹永寬,陳永福(Yung-Fu Chen)，國科會，台德雙方合作研究計畫人員交流計畫(PPP)，\$240000，2009.1.1 ~ 2009.12.31
6 .	個別型，NSC97-2221-E-027-095，譚旦旭,陳永福(Yung-Fu Chen)、李明輝、徐錦池，國科會，應用 ZigBee、GPS、以及 WiMAX 技術建構緊急救護系統之研究(I)，\$520000，2008.8.1 ~ 2009.7.31
7 .	個別型，NSC97-2631-H-166-001-，詹博州,陳永福(Yung-Fu Chen)，國科會，台灣民俗文物及民俗活動之數位典藏(II)，\$524000，2008.8.1 ~ 2009.7.31
8 .	個別型，CMU96-145，陳永福(Yung-Fu Chen)，國科會，非共軛眼球運動之非對稱性研究，\$490200，2007.8.1 ~ 2008.7.31
9 .	個別型，CMU96-210，陳永福(Yung-Fu Chen)，本校(含附醫)，台灣民俗文物及民俗活動之數位典藏，\$176800，2007.8.1 ~ 2008.7.31
10 .	國家型，NSC 96-2422-H-039-002，陳永福(Yung-Fu Chen),詹博州，國科會，台灣民俗文物及民俗活動之數位典藏，\$442000，2007.3.1 ~ 2008.2.29
11 .	個別型，NSC96-2911-I-039-001，陳永福(Yung-Fu Chen)，國科會，台德雙方合作研究計畫人員交流計畫，\$400000，2007.1.1 ~ 2008.12.31
12 .	個別型，CMU95-184，陳永福(Yung-Fu Chen)，本校(含附醫)，應用於 SEQUENTIAL DELETION 之多重聚合?連鎖反應啟動子自動設計，\$421000，2006.8.1 ~ 2007.7.31

專利

(專利名稱，專利類別，專利國別，專利號碼，專利期間)

1 .	結合 RFID 之住院用藥及照護管理系統，新型專利，台灣，M 316725，2007.8.11 ~ 2017.2.1
-----	--