

國立東華大學教師個人基本資料表

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最高學歷/起迄：國立交通大學資訊管理博士 2004/06

現職/起迄：國立東華大學資工系教授 2015/02~present

到任年月份(東華/花教大)：2007/08

專長：
1. 最佳化與應用
2. 多目標決策
3. 柔性運算
4. 資料探勘

高韓英

HAN-YING KAO



■研究 (2008.08~2017.07)

- 注意事項：(一) 請詳列五年內(此段期間曾懷孕及生產者,得延長至七年內(2008.8~2013.7))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。各項著作請務必依作者姓名(按原出版之次序,通訊作者請加註*)、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。
- (三) 若期刊屬於SCI、EI、SSCI或A&HCI等時,請註明。

一、期刊論文：

A、具匿名審查制度之期刊

1. [H.-Y. Kao](#), Dong-Jyun Wu, C.-H. Huang*, (2017), "Evaluation of cloud service industry with dynamic and network DEA models", *Applied Mathematics and Computation*, **accepted (SCI)**.
2. [Han-Ying Kao*](#), Yu-Min Yang (2017), "Dynamic Virtual Machines Placement in a Cloud Environment by Multi-Objective Programming", *International Journal of Computer and Communication Engineering (IJCCE)*, **accepted (EI)**.
3. [H.-Y. Kao](#), Temuulen Bold (2017), "Evaluating Human Resource Efficiencies of Mongolian Hospitals with network DEA", *International Journal of Information and Management Sciences (IJIMS)*, **accepted (EI)**.
4. [高韓英*](#), 蔡潔茵 (2016), "水產養殖業之策略性顧客資料探勘研究", *資訊與管理科學*, Vol 9, No. 1, 4-21.
5. [H.-Y. Kao*](#), Chieh-Yu Chan, Dong-Jyun Wu (2014), "A Multi-Objective Programming Method for Solving Network DEA", *Applied Soft Computing*, Vol 24, November, 406-413 **(SCI)**.
6. [H.-Y. Kao*](#), Bo-Shan Chen, (2014), "Efficiency Classification by integrating Naïve and Dynamic Bayesian Networks", *Applied Soft Computing*, Vol. 24, 842-850 (NSC 99-2410-H-259-045-MY2) **(SCI)**.
7. [H.-Y. Kao*](#), Yu-Tseng Wang, C.-H. Huang, P.-L. Lai, J.-Y. Chen (2014) "Assessment and classification of service learning: a case study of CS/EE students", *The Scientific World Journal*, Vol. 2014, Article ID 183732, 8 pages (published online Sep. 2014) **(SCI)**.

8. C.H. Huang*, K.C. Yang, **Han-Ying Kao** (2014), "Analyzing Big Data with the Hybrid Interval Regression Methods", *The Scientific World Journal*, Vol. 2014, Article ID 243921, 8 pages (published online July 2014) (SCI).
9. 沈敬堯、劉明洲、**高韓英**、汪冠宏 (2014), “具有語音與影像辨識之電腦輔助英語訓練系統建置與應用”, *數位學習科技期刊*, Vol. 6, No 1, 1-26.
10. **H.-Y. Kao***, T.-K. Chang & Y.-C. Chang (2013), “Classification of hospital web security efficiency using data envelopment analysis and support vector machine”, *Mathematical Problems in Engineering*, Volume 2013 (November 1, 2013), Article ID 542314, <http://dx.doi.org/10.1155/2013/542314> (SCI).
11. **H.-Y. Kao***, C.-H. Huang & J.-Y. Chen (2013), “Classification using DEA and SVM approaches: the empirical study of higher education in Taiwan”, *Information-An International Interdisciplinary Journal*, Vol. 16, No 11, 7801-7810 (NSC 99-2410-H-259-045-MY2) (ProQuest, EBSCO).
12. C.-L. Huang, **H.-Y. Kao***, C.-H. Huang, C.-Y. Hsu (2012), “Evaluation of e-learning systems in cloud environments using DEA with fuzzy data set”, *IEEE Technology and Engineering Education (ITEE, AKA IEEE Multidisciplinary Engineering Education Magazine)*, Vol. 7, No 2, 33-36.

Before 2012

13. **H.-Y. Kao*** & C.-L. Hsu, (2011), “Modeling users’ attitudes toward ERP systems with a Bayesian network”, *International Journal of Industrial Engineering- Theory, Applications and Practice*, Vol. 18, No. 11, 559-567 (SCI).
14. **H.-Y. Kao***, C.-H. Huang & C.-L. Hsu, C.-L. Huang (2011), “Diagnosis from Bayesian Networks with Fuzzy Parameters—A Case in Supply Chains”, *Journal of Internet Technology*, Vol. 12, No. 1, 49-56 (NSC 98-2410-H-259-006-) (SCI).
15. **H.-Y. Kao***, C.-H. Huang & C.-L. Hsu (2011), “Learning from Supply Chains with Probabilistic Network Models”, *International Journal of Industrial Engineering- Theory, Applications and Practice*, Vol. 18, No. 6, 317-322 (SCI).
16. **H.-Y. Kao***, M.-C. Liu, C.-L. Huang & Y.-C. Chang (2011), “Evaluation and classification of e-learning systems from design perspectives”, *ICIC Express Letters, Part B: Applications- An International Journal of Research and Surveys*, Vol. 2, No. 4, 873-878 (EI).
17. **H.-Y. Kao***, C.-L. Hsu and C.-H. Huang (2010), “An enhanced DEA method for group evaluation—the empirical study of anti-phishing efficiency”, *International Journal of Innovative Computing, Information and Control*, Vol. 6, No.11, 4869- 4878, (NSC 97-2410-H-259-065-) (SCI).
18. **H.-Y. Kao***, C.-H. Huang, T.-C. Kao & H.-C. Kao (2008), “Knowledge Modeling in Traditional Chinese Medicine with Fuzzy Influence Diagrams”, *International Journal of Innovative Computing, Information and Control*, Vol.4, No.8, 2057-2067 (TMS-094 -2-B-009) (SCI).
19. **H.-Y. Kao*** & C.-H. Huang (2008), “Modeling Supply Chain Diagnostics with Fuzzy Dynamic Bayesian Networks”, *International Journal of Industrial Engineering- Theory, Applications and Practice*, Vol. 15, No. 3, 257-265 (NSC 93-2416-H- 364-005) (SCI).
20. C.-H. Huang, **H.-Y. Kao** (2008), “On Solving the DEA CCR Ratio Model”, *International Journal of Innovative Computing, Information and Control*, Vol.4, No.11, 2765-2773 (TMS-094-2-B-009) (SCI).
21. **H.-Y. Kao*** (2008), “Diagnostic reasoning and medical decision-making with fuzzy influence diagrams”, *Computer Methods and Programs in Biomedicine*, Vol. 90, No. 1, 9-16 (SCI).

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22. C.-H. Huang, H.-Y. Kao* & H.-L. Li (2007), "Decision on Enterprise Computing Solutions for an International Tourism", *International Journal of Information Technology and Decision Making*, Vol. 6, No. 4, 687-700 (TMS-094-2-B-009) (SCI).
23. H.-Y. Kao* (2006) "Exploring decision and implementation of supply chain collaboration: a case of Telecommunications Industry", *Logistics Research Review*, No. 9, 55-62.
24. 高韓英, 林惠穎, 杜偉銘, 董守恬 (2006), "台灣中小企業 ERP 使用者態度之研究", *管理與教育研究學報*, No. 5, 115-142.
25. H.-Y. Kao*, C.-H. Huang & H.-L. Li (2005), "Supply chain diagnostics with Dynamic Bayesian networks," *Computers and Industrial Engineering*, Vol. 49, No.2, 339-347 (SCI).
26. H.-Y. Kao* & H.-L. Li (2005), "A diagnostic reasoning and optimal treatment model for Bacterial infections with fuzzy information," *Computer Methods and Programs in Biomedicine*, Vol. 77, No. 1, 23-37 (SCI).
27. H.-L. Li & H.-Y. Kao* (2005), "Constrained Abductive Reasoning with Fuzzy Parameters in Bayesian networks," *Computers and Operations Research*, Vol. 32, No. 1, 87-105 (SCI).
28. H.-Y. Kao* & C.-H. Huang (2005), "Evaluating Influence diagrams with fuzzy multi-objective programming: a comparative study", *Hsuan Chuang Journal of Management*, Vol. 2, No. 2, 91-120.
29. H.-L. Li* & H.-Y. Kao (2004), "Causal reasoning from imperfect experiments and fuzzy information," *International Journal of Fuzzy Systems*, Vol. 6, No. 1, 44-51 (SCI).

B、不具匿名審查制度之期刊

二、專書及專書論文：

30. H.-Y. Kao*, C.-H. Huang, C.-L. Hsu and C.-L. Huang (2010), "Diagnosis from Bayesian Networks with Fuzzy Parameters—A Case in Supply Chains", *Lecture Notes in Computer Science*, Vol. 6104 (GPC 2010) (NSC 97-2410-H-259-065-) (EI).

Before 2010

31. C.-H. Huang and H.-Y. Kao (2009), "Interval Regression Analysis with Soft-Margin Reduced Support Vector Machine", *Lecture Notes in Computer Science*, Vol. 5579, 826-835 (IEA-AIE 2009) (EI).
32. C.-H. Huang, H.-Y. Kao, "An Effective Linear Approximation Method for Geometric Programming Problems", 2009 IEEE International Conference on Industrial Engineering and Engineering Management, Hong Kong, December 8-11, 2009 (NSC 97-2410-H-259-065-) (EI).
33. C.-H. Huang, H.-Y. Kao* & H.-L. Li (2007), "Intelligent Decision Support based on Influence Diagrams with Rough Sets," *Lecture Notes in Computer Science*, Vol. 4482, 518-525 (JRS 2007) (TMS-094 -2-B-009) (EI).

三、研討會論文：

1. C.-H. Huang, H.-Y. Kao, "Big Data Classification with the Soft Margin Multi-Classifer Support Vector Machine", 2016 International Symposium on Business and Social Sciences (ISBSS 2016), Loisir Hotel Naha, Okinawa, Japan, August 2-4, 2016.
2. 高韓英, 廖育軒 (2016), "利用資料包絡分析與多準則決策評估校園永續及能源資訊效率", 2016 資訊管理暨電子商務經營管理研討會, 台東, May 13-14, 2016.

3. 高韓英 藍梓恆 (2016), “結合雲端運算之綠色供應鏈網路設計”, 2016 台灣商管與資訊研討會, 台北, March 25, 2016.
4. H.-Y. Kao, Y.-M. Yang, C.-H. Huang (2015), “Dynamic virtual machines placement in a cloud environment by multi-objective programming approaches”, The International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS), Okinawa, Japan, November 28-30, 2015 (MOST 103-2410-H-259 -084 -).
5. 高韓英*, 楊祐閔 (2015), “利用多目標規劃求解雲端虛擬機之動態配置”, 2015 第十四屆北商學術論壇暨國際企業經營管理研討會, 台北, May 15, 2015 (MOST 103-2410-H-259 -084 -).
6. 高韓英*, 蔡潔茵 (2015), “水產養殖業行銷策略之資料探勘”, 2015 第十四屆北商學術論壇暨國際企業經營管理研討會, 台北, May 15, 2015 (MOST 103-2410-H-259 -084 -).
7. C.-H. Huang, K.-C. Yang, H.-Y. Kao (2015), "Analyzing Big Data with a Cloud Business Intelligence System", International Conference on Internet Studies (Nets 2015), Tokyo, Japan, July 18-19 2015, accepted (MOST 103-2410-H-259 -084 -).
8. Han-Ying Kao*, Yu-Tseng Wang, Chia-Hui Huang, Pao-Lien Lai, Jen-Yeu Chen (2014), “Assessment and classification of service learning: a case study of CS/EE students”, International Conference on Business, Information, and Cultural Creative Industry (ICBIC), Taipei, Taiwan, August 6-8 2014.
9. C.H. Huang*, K.C. Yang, Han-Ying Kao, (2014) "Analyzing Big Data with the Hybrid Interval Regression Methods", International Conference on Business, Information, and Cultural Creative Industry (ICBIC), Taipei, Taiwan, August 6-8 2014.
10. H.-Y. Kao*, Dong-Jyun Wu, C.-H. Huang (2014), “Evaluation of cloud services with DEA and multi-objective programming”, International Conference on Business and Information 2014, Osaka, Japan, July 3-5, 2014.
11. 高韓英*, 吳東駿(2014), “利用網路資料包絡分析之雲端服務產業績效評估”, 2014 資訊管理暨電子商務經營管理研討會, 台東大學, May 16-17, 2014.
12. C.-H. Huang*, H.-Y. Kao (2013), "Multi-Echelon Supply Chain Diagnosis System with Fuzzy Hidden Markov Model", The International Conference on Business Tourism & Applied Sciences (ICBTS 2013), London, United Kingdom, August 7-10, 2013.
13. 高韓英*, 詹婕妤 (2013), “以多目標規劃法求解網路資料包絡分析-台灣太陽能產業應用”, 2013 第十二屆北商學術論壇暨國際企業經營管理研討會, May 17, 2013.
14. H.-Y. Kao, Temuulen Bold (2013), “Evaluating the Human Resource Efficiencies of Mongolian Hospitals with network DEA”, 2013 第十二屆北商學術論壇暨國際企業經營管理研討會, May 17, 2013.
15. H.-Y. Kao*, P.-L. Lai, J.-Y. Chen & C.-H. Huang, Yu-Tseng Wang (2013) “Exploring the benefits of service learning: an empirical investigation on students in CS/EE”, International Symposium on Education and Psychology 2013 (ISEP 2013), Kitakyushu, JAPAN, April 3-5, 2013.
16. H.-Y. Kao* & Chieh-Yu Chan (2012), “A Discriminative Multi-Objective Programming Method for Solving Network DEA”, 2012 International Computer Symposium (ICS), Hualien, Taiwan, December 12-14.
17. 沈敬堯、劉明洲、高韓英 (2012), “應用語音及影像技術建制一個小學電腦輔助英語發音訓練系統”, 第八屆台灣數位學習發展研討會(TWELF 2012), 國立成功大學, Taiwan, October 26-27.
18. H.-Y. Kao*, Bo-Shan Chen, Chieh-Yu Chan, Yu-Tseng Wang & C.-H. Huang (2012), “Efficiency Classification by integrating Naïve Bayesian Networks and Dynamic Bayesian

- Networks”, 2012 現代管理與創新學術研討會, 台灣新竹, April 27, 2012 (NSC 99-2410-H-259-045-MY2).
19. H.-Y. Kao*, Chieh-Yu Chan, Yu-Tseng Wang, Bo-Shan Chen & C.-H. Huang (2012), “Solving Network DEA by a Multi-objective Programming Approach”, The International Conference on Business and Information, Sapporo, Japan, July 3-5 (NSC 99-2410-H-259-045-MY2).
 20. H.-Y. Kao*, Bo-Shan Chen, Chieh-Yu Chan, Yu-Tseng Wang & C.-H. Huang (2012), “Efficiency Classification using Dynamic Bayesian Networks and Fuzzy Parameters”, The International Conference on Electronic Commerce, Administration, Society, and Education, Hong Kong, March 30- April 1, 2012 (NSC 99-2410-H-259-045-MY2).

Before 2012

21. C.-H. Huang* & H.-Y. Kao (2011), “Learning Influence Diagram with Rough Sets for Bacterial Infection Treatments”, 2011 International Conference on Information Communication and Management, Singapore, October 14-15, 2011.
22. H.-Y. Kao* & C.-H. Huang (2011), “Competency Analysis with DEA and DBN: The Case Study of Higher Education in Taiwan”, International Conference on Business and Information, Bangkok, Thailand, July 4-6, 2011 (NSC 99-2410-H-259-045-MY2).
23. C.-H. Huang & H.-Y. Kao (2011), “Supply Chain Management using Rough Sets and Influence Diagrams”, International Conference on Business and Information, Bangkok, Thailand, July 4-6, 2011 (NSC 99-2410-H-259-045-MY2).
24. H.-Y. Kao*, J.-Y. Chen & Y.-C. Lai (2011), “Causal analysis on R&D and financial efficiencies for universities ranking by the DEA approach”, The International Conference on Electronic Commerce, Administration, Society, and Education (e-CASE), Tokyo, Japan, January 18-20, 2011 (NSC 99-2410-H-259-045-MY2).
25. H.-Y. Kao*, T.-K. Chang & Y.-C. Chang (2010), “Classification of web security using data envelopment analysis and support vector machine”, 第十八屆模糊理論及其應用研討會, 花蓮, 台灣, December 3-4, 2010.
26. 高韓英*, 黃巧菱, 許巧穎 (2010), “採用資料包絡分析與模糊資料集合之數位學習分類評估”, 第十八屆模糊理論及其應用研討會, 花蓮, 台灣, December 3-4, 2010.
27. H.-Y. Kao*, C.-H. Huang, C.-L. Hsu & C.-L. Huang (2010), “Diagnosis from Bayesian Networks with Fuzzy Parameters—A Case in Supply Chains”, The 5th International Conference on Grid and Pervasive Computing (GPC 2010), Hualien, Taiwan (NSC 98-2410-H-259-006-).
28. H.-Y. Kao*, C.-L. Huang & C.-Y. Hsu (2010), “E-learning Systems Evaluation with Multi-Criteria Decision Making Approaches”, the International Colloquium on Business & Management, Bangkok, Thailand, 25-28 January 2010 (NSC 98-2410-H-259-006-).
29. H.-Y. Kao*, H.-L. Chen, & T.-C. Liao (2010), “Online foreign exchange broker classification by Bayesian networks and support vector machines”, the International Colloquium on Business & Management, Bangkok, Thailand, 25-28 January 2010 (NSC 98-2410-H-259-006-).
30. H.-Y. Kao* & Y.-C. Chang (2010), “Estimation and classification of computer security services in hospitals”, The International Conference on Electronic Commerce, Administration, Society, and Education (e-CASE), Macau, January 25-27, 2010 (NSC 98-2410-H-259-006-).
31. H.-Y. Kao*, T.-C. Liao & H.-L. Chen (2010), “Online shopping websites evaluation with data envelopment analysis and hybrid classification methods”, The International Conference on Electronic Commerce, Administration, Society, and Education (e-CASE), Macau, January 25-27, 2010 (NSC 98-2410-H-259-006-).
32. C.-H. Huang & H.-Y. Kao (2009), "An Effective Linear Approximation Method for

- Geometric Programming Problems", 2009 IEEE International Conference on Industrial Engineering and Engineering Management, Hong Kong, December 8-11, 2009 (NSC 97-2410-H-259-065-) (EI).
33. H.-Y. Kao*, M.-C. Liu, C.-L. Huang & Y.-C. Chang (2009), "E-learning systems evaluation with data envelopment analysis and Bayesian networks", International Conference on Advanced Information Management and Service (IMS2009), Seoul, Korea, August 25-27, 2009 (NSC 97-2410-H-259-065-).
 34. H.-Y. Kao*, Y.-C. Chang, C.-L. Huang, J.-Y. Chen & C.-H. Huang (2009) "Modeling students' attitudes toward ERP systems using hybrid classification approaches", 第五屆資訊管理學術暨專案管理實務研討會, May 2, 2009 (NSC 97-2410-H-259-065-).
 35. C.-H. Huang & H.-Y. Kao (2009), "A Design of Supply Chain Management System with Flexible Planning Capability", International Conference on Computer and Information Technology (ICCIT 2009), Tokyo, Japan, May 27-29, 2009 (DOAJ, EBSCO,).
 36. C.-H. Huang & H.-Y. Kao (2009), "Interval Regression Analysis with Soft-Margin Reduced Support Vector Machine", The 22nd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA-AIE 2009), Tainan, June 24-27, 2009.
 37. H.-Y. Kao*, J.-Y. Chen & Y.-C. Chang (2009), "Evaluating universities' performance from R&D and financial perspectives with hybrid DEA and SVM approaches", 2009 電子商務與數位生活研討會(ECDL 2009) (NSC 97-2410-H-259-065-).
 38. H.-Y. Kao*, C.-L. Hsu, C.-L. Huang & C.-H. Huang (2009), "Evaluating anti-phishing performance with group-based DEA: an empirical study of universities in Taiwan", The 2009 International Conference on e-Commerce, e-Administration, e-Society, and e-Education (e-CASE 2009), January 8-10, Singapore, 2009 (NSC 97-2410-H-259-065-).
 39. C.-H. Huang & H.-Y. Kao (2009), "An Optimal Supply Chain Planning Model with Capacity Expansion and Inventory Management", The 2009 International Conference on e-Commerce, e-Administration, e-Society, and e-Education (e-CASE 2009), Singapore, January 8-10, 2009.
 40. H.-Y. Kao*, C.-L. Hsu, J.-Y. Chen & C.-H. Huang (2008), "Supply Chain Diagnostics with Bayesian Networks and Hybrid Possibility-Probability Approach", International Conference on Accounting and Information Technology, Taipei, August 4-8, 2008, (NSC 97-2410- H-259-065-).
 41. H.-Y. Kao*, C.-L. Hsu, J.-Y. Chen & C.-H. Huang (2008), "Evaluating Information Systems Courses with Fuzzy MOP Methods", 第九屆電子化企業經營管理理論暨實務研討會 (EC 2008), 大葉大學, May 24, 2008.
 42. H.-Y. Kao* & C.-H. Huang (2007), "Knowledge Bases of Users' Attitudes toward ERP Systems", The 9th International DSI and 12th APDSI joint Conferences, Bangkok, Thailand, July 11 - 15, 2007 (TMS-094-2- B-009).
 43. C.-H. Huang* & H.-Y. Kao (2007), "Interval Regression Analysis with Reduced Support Vector Machine", The 9th International DSI and 12th APDSI joint Conferences, Bangkok, Thailand, July 11 - 15, 2007.
 44. C.-H. Huang, H.-Y. Kao* & H.-L. Li (2007), "Intelligent Decision Support based on Influence Diagrams with Rough Sets," 2007 Joint Rough Set Symposium (JRS 2007), Toronto, Canada, May 14-16, 2007 (TMS-094 -2-B-009)
 45. H.-Y. Kao* & C.-H. Huang (2006), "Supply Chain Diagnostics with Probabilistic Boolean Networks ", INFORMS Annual Meeting 2006, Pittsburgh, Pennsylvania, Nov. 5-8, 2006 (TMS-094-2- B-009).
 46. C.-H. Huang* & H.-Y. Kao (2006), "Interval Regression Analysis with Piecewise-Linear Underestimation", INFORMS Annual Meeting 2006, Pittsburgh, Pennsylvania, Nov. 5-8, 2006 (TMS-094-2-B-009).

47. 高韓英*、古慧禎、黃佩茵、蔡孟庭、蕭怡婷、林俊君 (2006), “家居業者行銷策略之個案研究—以台灣現有品牌為例”, 第二屆產業經營管理學術研討會, Hsinchu, Taiwan, October 14, 2006.
48. 高韓英*、何任哲、張弘道、魏健伸、吳宗翰、曾昭捷 (2006), “探索媒體傳播訊息於消費者旅遊決策及體驗之影響”, 第二屆產業經營管理學術研討會, Hsinchu, Taiwan, October 14, 2006.
49. 黃嘉輝, 高韓英* (2006), "台灣資訊科技人力資源剖析—以模糊影響圖為知識模式", 第二屆資訊管理學術暨專案管理實務研討會, 開南大學, 桃園, May 5.
50. 高韓英*, 林惠穎, 杜偉銘, 董守恬, 楊雅曲, 徐子皓, 朱逸哲 (2006), "台灣中小企業購置 ERP 軟體態度之研究-行銷知識庫之建立", 2006 電子商務與數位生活研討會, Taipei, February 12-14.
51. H.-Y. Kao & C.-H. Huang (2005), “Medical Reasoning with Fuzzy Influence Diagrams”, The 3rd International conference on Computational Intelligence, Robotics and Autonomous Systems (CIRAS 2005), Singapore, 13-16 December 2005.
52. C.-H. Huang*, H.-L. Li, & H.-Y. Kao (2005), “Global Optimization Methods for DEA CCR Ratio Model”, The 3rd International conference on Computational Intelligence, Robotics and Autonomous Systems (CIRAS 2005), Singapore, 13-16 December 2005.
53. 高韓英, 藍琬萍, 黃嘉輝 (2005), “台灣 TFT-LCD 行銷策略知識庫之研究”, 中國工業工程學會九十四年度年會暨學術研討會, December 17.
54. H.-Y. Kao (2005), “Modeling Knowledge in Traditional Chinese Medicine with Influence Diagrams and Possibility Distributions”, Lecture Series on Computational Sciences Vol. 4A: Advances in Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005, Korinthos, Greece, 21-26 October), Koninklijke Brill NV, Leiden, the Netherlands, 275-278.
55. H.-Y. Kao & C.-H. Huang (2005), “Evaluating IT Investments for International Tourism with a Multi-Objective Decision Model”, 2005 International Conference on Business and Information (BAI 2005), Harbour Plaza Hotel, Hong Kong, July 14-15, 2005.
56. H.-Y. Kao*, C.-H. Huang & H.-L. Li (2004), “Answering queries on graphical decision models with fuzzy parameters: algorithms and comparisons”, Proceedings of IASTED International Conference on Modeling, Simulation and Optimization 2004, 148-153 (proceedings in EI).
57. H.-Y. Kao (2004), “Fuzzy Reasoning and Optimization Based on a Generalized Bayesian Network”, the 39th Annual Conference of the Operational Research Society of New Zealand 2004, Auckland, New Zealand, Nov. 28-29, 2004 (NSC 93-2416-H-364-005).
58. C.-H. Huang, H.-Y. Kao* & H.-L. Li (2003), “Web Services for forward integration in international tourism supply chains: a case study of tourism in Thailand”, International Conference on Electronic Business, Singapore, December 9-13.
59. H.-Y. Kao, C.-H. Huang & H.-L. Li (2003), “An Optimization Model for Dynamic Supply Chain Diagnostics and Decision-Making”, European Applied Business Research Conference, Venice, Italy, June 9-13.
60. H.-Y. Kao, J.-J. Shuai & H.-L. Li (2000), “Probabilistic Reasoning in Supply Chain Management,” The 5th International Conference on Industrial Engineering-Theory, Application and Practice, Hsinchu, Taiwan, December 10-12.
61. H.-Y. Kao, C.-H. Huang, J.-R. Yu & H.-L. Li (2000), “Business Adoption of Internet-Enabled SCM Systems- a Transformation Dynamics,” The 11th International Conference on Information Management, Kaohsiung, Taiwan, May 20-21.

四、技術報告：

五、其他著作或專利：

六、三年內之研究計畫（2008.8~2015.12）：

| 起迄年月 | 研究計畫名稱 | 主持人/共同主持人 | 計畫經費 | 補助單位 |
|-----------------|----------------------------------|-----------|-----------|------|
| 08/2014-12/2015 | 結合網路資料包絡分析與模糊多目標決策之雲端服務績效評估 | 高韓英（主持人） | 518,000 | 科技部 |
| 08/2013-07/2014 | 以協同式多階層規劃求解之網路資料包絡分析模式 | 高韓英（主持人） | 421,000 | 國科會 |
| 08/2010-07/2012 | 結合多目標規劃與多重分類技術之群體導向資料包絡分析方法（兩年期） | 高韓英（主持人） | 1,188,000 | 國科會 |
| 08/2009-07/2010 | 結合資料包絡分析與多重分類模式之混合效率評估方法 | 高韓英（主持人） | 508,000 | 國科會 |
| 08/2008-07/2009 | 採用貝氏網路與混合可能性-機率分配的供應鏈決策支援系統 | 高韓英（主持人） | 393,000 | 國科會 |



■ 教學（2008.8~2016.12）

七、三年內開授課程：

| 學年度 | 課程名稱(必/選) | 學分數 | 選修人數 |
|-----|-------------|-----|------|
| 105 | 引導研究(一)AP | 1/1 | 4 |
| | 論文研究(一)AP | 2/2 | 1 |
| | 計算機概論（英語授課） | 3/3 | 31 |
| | 計算機概論 AA | | 80 |
| | 資訊科技與應用 | 2/2 | 54 |
| | 資訊與倫理 | 3/3 | 71 |
| | 最佳化與決策專題 | 3/3 | 22 |
| | 服務學習(二)_資工系 | 1/2 | 82 |
| 104 | 引導研究(一)AP | 1/1 | 1 |
| | 論文研究(一)AP | 2/2 | 3 |
| | 資訊科技與應用 | 2/2 | 55 |
| | 資訊與倫理 | 3/3 | 54 |
| | 引導研究(一)AP | 1/1 | 1 |
| | 論文研究(一)AP | 2/2 | 3 |
| | 計算機概論（英語授課） | 3/3 | 25 |
| | 資訊科技與應用 | 2/2 | 52 |

| | | | |
|-----|-------------------|-------|-----|
| | 資訊與倫理 | 3/3 | 72 |
| | 最佳化方法與應用 | 3/3 | 31 |
| 103 | 引導研究(一)AP | 1/1 | 1 |
| | 論文研究(一)AP | 2/2 | 2 |
| | 計算機概論 (英語授課) | 3/3 | 23 |
| | 資訊科技與應用 | 2/2 | 42 |
| | 資訊與倫理 | 3/3 | 60 |
| | 最佳化與決策專題 | 3/3 | 8 |
| | 專題討論(一) | 1/2 | 100 |
| | 資訊科技與應用 | 2/2 | 46 |
| | 專案管理 | 3/3 | 18 |
| | 引導研究(二)AP | 1/1 | 2 |
| | 論文研究(二)AP | 2/2 | 1 |
| 102 | 引導研究(一)AP | 1/1 | 3 |
| | 論文研究(一)AP | 2/2 | 2 |
| | 計算機概論 (英語授課) | 3/3 | 16 |
| | 資訊科技與應用 | 2/2 | 46 |
| | 專案管理 | 3/3 | 19 |
| | 最佳化方法與應用 | 3/3 | 14 |
| | 資訊科技與應用 | 2/2 | 52 |
| 101 | 引導研究(一)AP | 1/1 | 3 |
| | 論文研究(一)AP | 2/2 | 3 |
| | 計算機概論 (英語授課) | 3/3 | 26 |
| | 資訊科技與應用 | 2/2 | 32 |
| | 最佳化方法與應用 (英語授課) | 3/3 | 9 |
| | 引導研究(二)AP | 1/1 | 2 |
| | 論文研究(二)AP | 2/2 | 3 |
| | 柔性計算 (英語授課) | 3/3 | 5 |
| | 資訊科技與應用 | 2/2 | 72 |
| | 資訊與倫理 AB | 3/3 | 102 |
| 100 | 服務學習(一)_資工系 | 0 | 60 |
| | 資訊科技與應用 | 2 | 87 |
| | 論文研究(二)AP | 1 | 2 |
| | 引導研究(二)AP | 2 | 2 |
| | 柔性計算導論 | 1/3 | 33 |
| | 軟體工程 | 1/3 | 22 |
| | 程式設計(一) | | 62 |
| | 服務學習(二)_資工系 | 0/2 | 55 |
| | 論文研究(一)AO | 2 | 1 |
| | 最佳化與決策專題 (英語授課) | 3 | 4 |
| | 程式設計(一)AC | 3 | 78 |
| | 引導研究(一)AO | 1 | 3 |
| 99 | 程式設計(一)AA | [3/3] | 47 |
| | 專題研究(二) | [1/1] | 100 |
| | 柔性計算導論 | [1/3] | 29 |
| | 引導研究(二)AO | [1/1] | 2 |
| | 引導研究(二)AO | [1/1] | 1 |
| | 柔性計算 (英語授課) | [3/3] | 6 |

| | | | |
|----|----------------|-------|----|
| | 論文研究(二)AO | [2/2] | 3 |
| | 服務學習(一)_資工系 | [0/2] | 69 |
| | 服務學習(一)_資工系 | [0/2] | 64 |
| | 程式設計(一)AC | [3/3] | 73 |
| | 專題研究(一) | [1/2] | 89 |
| | 引導研究(一)AT | [1/1] | 1 |
| | 引導研究(一)AT | [1/1] | 1 |
| | 最佳化方法與應用 | [3/3] | 10 |
| | 數位學習系統發展與應用 | [3/3] | 8 |
| | 論文研究(一)AT | [2/2] | 3 |
| 98 | 軟體工程 | [3/3] | 30 |
| | 資料探勘 | [1/3] | 28 |
| | 專題討論(二) | [1/2] | 57 |
| | 引導研究(二)AT | [1/1] | 1 |
| | 專題討論(四) | [1/2] | 58 |
| | 專題討論(二) | [1/2] | 8 |
| | 專題討論(四) | [1/2] | 4 |
| | 專題討論(二) | [1/2] | 17 |
| | 引導研究(二)AT | [1/1] | 3 |
| | 獨立研究(二)AC | [1/1] | 2 |
| | 最佳化方法與應用 | [3/3] | 7 |
| | 獨立研究(一)AA | [1/1] | 3 |
| | 最佳化理論 | [3/3] | 21 |
| | 引導研究(一)AA | [1/1] | 1 |
| 97 | 人工智慧 | 3 | 31 |
| | 機率與統計 | 3 | 51 |
| | 人工智慧導論 | 3 | 6 |
| | 資訊管理 - 電腦與網路應用 | 2 | 28 |
| | 資料探勘 | 3 | 14 |
| | 線性代數(大一) | 3 | 45 |
| | 線性代數(大二) | 3 | 48 |

八、三年內指導研究生狀況：

| 學年度 | 碩士班(人) | 博士班(人) | 畢業人數 | |
|-----|--------|--------|------|----|
| | | | 碩士 | 博士 |
| 105 | 4 | 0 | 2 | |
| 104 | 4 | 0 | 2 | 0 |
| 103 | 4 | 0 | 2 | 0 |
| 102 | 5 | 0 | 1 | 0 |
| 101 | 6 | 0 | 2 | 0 |
| 100 | 4 | 0 | 1 | 0 |
| 99 | 3 | 0 | 0 | 0 |
| 98 | 2 | 0 | 2 | 0 |
| 97 | 4 | 0 | 2 | 0 |



■ 服務 (2008.8~2013.4)

九、校內校、院、系(所、科及中心)各級公共事務參與：

| 年月 | 校/院/系級 | 項目 |
|-----------------|--------|---------------------------------------|
| 08/2016-07/2017 | 校 | 理工學院衛生會議委員 |
| 08/2015-07/2016 | 系 | 資工系教評、所務、國際事務、資源規劃、學生事務、 教職員成長委員會 |
| 08/2014-07/2015 | 院 | 理工學院院務會議委員 |
| | 系 | 資工系教評、所務、國際事務、資源規劃委員會 |
| 08/2013-07/2014 | 系 | 資工系教評、課程暨學程規劃、學生事務、認證與評鑑委員會 |
| 08/2012-07/2013 | 系 | 資工系所務、教育、認證與評鑑、學術交流與產學合作、 認證與評鑑委員會 |
| | 系 | 資工系國際生總導師 |
| 08/2011-07/2012 | 系 | 資工系所務、招生暨校友聯繫、學術交流與產學合作、 認證與評鑑委員會 |
| 08/2010-07/2011 | 系 | 資工系教評、教育、資源規劃、學術交流與產學合作、 認證與評鑑委員會 |
| 08/2010-07/2011 | 系 | 資工系、資科系導師 |
| 08/2009-07/2010 | 院 | 獎學金委員 |
| 08/2009-07/2010 | 系 | 資工系教育、福利、招生暨校友聯繫、認證與評鑑委員會 |
| 07/2008 | 校 | 史懷哲服務計畫 |

十、專業學術服務工作項目：

| 年月 | 校內/校外 | 項目 |
|------|-------|--|
| 2016 | 校內/國際 | Committee, TANET 2016 |
| | 校外/國際 | Committee, International Conference on Internet Studies 2016 |
| 2014 | 校外/國際 | 2014 第八屆資訊科技國際研討會(AIT2014)TPC, 台中霧峰 |
| | 校外/國際 | 期刊審查: <i>Information Sciences, International Journal of Fuzzy Systems, Journal of Internet Technology, European Journal of Operational Research, The Scientific World Journal</i> |
| 2013 | 校外/國際 | 2013 第七屆資訊科技國際研討會(AIT2013)TPC, 台中霧峰 |
| | 校外/國際 | 期刊審查: <i>Journal of the Chinese Institute of Engineers, International Journal of Fuzzy Systems, Journal of Internet Technology, Neural Computing and Applications, European Journal of Operational Research, Mathematical Problems in Engineering International Journal of Industrial Engineering-Theory, Applications and Practice, Journal of Business and Economic Management, International Journal of Advanced Manufacturing Technology</i> |
| | 校內 | 網多、資工所碩士論文口試委員 |
| 2012 | 校外/國際 | International Committee, e-CASE & e-Tech 2012 |
| | 校外/國際 | 期刊審查: <i>International Journal of Fuzzy Systems, Information Sciences, Mathematical Problems in Engineering</i> |
| | 校內/國際 | Workshop co-chair, publicity co-chair, International Computer Symposium (ICS) 2012 |
| | 校內 | 網多、資工所碩士論文口試委員 |
| 2011 | 校外/國際 | International Committee, e-CASE & e-Tech 2011 |

| | | |
|------|-------|--|
| | 校外/全國 | 2011 北商學術論壇—經營與管理研討會 |
| | 校外/國際 | 期刊審查： <i>European Journal of Operational Research</i> , <i>Computer Methods and Programs in Biomedicine</i> , <i>Information Sciences</i> , <i>International Journal of Advanced Manufacturing Technology</i> |
| | 校內 | 網多、資工所碩士論文口試委員 |
| 2010 | 校外/國際 | 期刊審查： <i>European Journal of Operational Research</i> |
| | 校外/全國 | 特別議程主席、資訊組：第十八屆模糊理論及其應用研討會 |
| | 校內/國際 | GPC 2010 conference session chair |
| | 校外/國際 | International Committee, e-CASE & e-Tech 2010 |
| | 校外/國際 | 期刊審查： <i>International Journal of Advanced Manufacturing Technology</i> , <i>International Journal of Industrial Engineering-Theory, Applications and Practice</i> |
| | 校內 | 網多、資工所碩士論文口試委員 |
| 2009 | 校外/國際 | 期刊審查： <i>International Journal of Advanced Manufacturing Technology</i> , <i>Journal of the Chinese Institute of Industrial Engineers</i> , <i>Artificial Intelligence in Medicine</i> , |
| | 校內 | 網多、資工所碩士論文口試委員 |
| 2008 | 校外/國際 | 期刊審查： <i>International Journal of Information Technology and Decision Making</i> , <i>European Journal of Operational Research</i> |
| | 校內 | 網多、資工所碩士論文口試委員 |
| 2007 | 校外/國際 | International Committee, e-CASE & e-Tech 2007 |
| | 校外/國際 | 期刊審查： <i>European Journal of Operational Research</i> |



■ 教學與研究獎勵 (2008.8~2013.7)

十一、教學與研究獎勵事蹟：

| 學年度 | 校內/校外 | 項目 |
|-----|-------|--------|
| 101 | 校內 | 學術研究獎勵 |
| 100 | 校內 | 學術研究獎勵 |
| 99 | 校內 | 學術研究獎勵 |
| 98 | 校內 | 學術研究獎勵 |
| 97 | 校內 | 學術研究獎勵 |

以上資料屬實。填表人簽名：__高韓英__ (電子檔免填)，填表日期：__11/2016__。