

## 五、論文著述：

- 1.請詳列個人最近五年內發表之學術性著作。
- 2.請將所有學術性著作分成四大類：(A)期刊論文(B)研討會論文(C)專書及專書論文(D)技術報告及其他等。
- 3.各類著作請按發表時間先後順序填寫。每篇文章請依作者姓名(按原出版之次序)、出版年、月份、題目、期刊名稱、起迄頁數之順序填寫。
- 4.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。
- 5.論文著述(表 C302)，請採 MS Word 97(含)以上版本輸入資料，並將輸入的檔案以 E-Mail 方式傳遞本會。E-Mail 位址：nscapply@nsc.gov.tw，Mail 之主旨請註明 C302, “身份證號碼”。

### 王孔政 (Kung-Jeng Wang)

申請人共計發表期刊論文 61 篇(近五年 2006-2011 發表之論文 39 篇)，於 SSCI/SCI 類期刊 39 篇(IEEE Transactions on Systems, Man, and Cybernetics, IIE Transaction, European Journal of Operational Research 等)、EI/TSSCI 期刊 9 篇，其他學術期刊 13 篇。獲得台灣專利 2 項、美國專利 2 項。學術性專書 2 冊。主持人與其研究團隊已發展出多項產能規劃決策系統與流程，與結合無線感測技術於醫療照護應用，均申請專利中，另有一項醫療資訊探勘相關之台灣專利撰寫中(以演化式計算與微陣列資料建構癌症基因篩選與診斷系統)。

#### A、已刊出或接受之期刊論文(Referred Papers)

##### 五年內(2006-2011)

1. **Wang, K.-J.\*** and Wang, S. M. (2012) A negotiation-based capacity-planning model, **IEEE Transactions on Systems, Man, and Cybernetics--Part C: Applications and Reviews**. accepted. (SCI)
2. Yu, Jonas C.P., Lin, Y. S., and **Wang K.-J.\*** (2012) Coordination-based inventory management for deteriorating items in a two-echelon supply chain with profit sharing. **International Journal of Systems Science**. Accepted. (SCI)
3. **Wang, K.-J.\*** and Wang, S. M. (2012) Simultaneous resource portfolio planning under demand and technology uncertainty in semiconductor testing industry, **Robotics and Computer Integrated Manufacturing**. accepted. (SCI).
4. Hong, W. C., Wei-Li Wu and **Wang, K.-J.\*** (2012) Airport-city development trend and strategy formulation using integrated analysis– the case of Taiwan. **Journal of Airport Management**, Accepted. Volume 6 Number 3.

5. **Wang, K.-J.\***, Hong, W. C., Chen, S. H. and Jyun-Ting Jiang (2011) Strategic development trend and key factors analysis of airport city in Taiwan, **Journal of Transport Geography**. 19(4), 807-820. (SSCI) **IF:1.706**.
6. **Wang, K.-J.** and Hong, W. C.\* (2011) Competitive advantage analysis and strategy formulation of airport city development – the case of Taiwan, **Transport policy**, 18(1), 276-288. (SSCI) **IF:1.024**
7. Kuo,G.-C., Hu, Y.- H., Liaw,W.-L., **Wang, K.-J.**, and Kung, K.-Y. (2011) Transient Temperature Solutions of a Cylindrical Fin, **WSEAS TRANSACTIONS on MATHEMATICS**, 10(2), 47-55. ISSN: 1109-2769. (EI)
8. **Wang K.-J.\***, Chun-Chih Chiu, D. C. Gong, and T.C. Hou (2011) An efficient job-releasing strategy for semiconductor turnkey factory, **Production Planning & Control**. 22(7), 660-675. (SCI) **IF: 0.73**
9. **Wang, K.-J.\***, Lin, Y. S., and Yu, J. C. P. (2011) Optimizing inventory policy for products with time-sensitive deteriorating rates in a multi-echelon supply chain, **International Journal of Production Economics**, 130(1), 66-76. (SCI) **IF: 1.988**
10. **Wang, K.-J.\***, B. Makond, and S.-Y. Liu (2011) Location and allocation decisions in a two-echelon supply chain with stochastic demand - a genetic-algorithm based solution, **Expert Systems With Applications (SCI)** 38(5), 6125-6131. **IF: 1.924**
11. Chen, J. C., **Wang, K.-J.**, C. H. Cheng, Y. J. Fang, C. J. Sun, J. W. Chien (2011) Logistics Efficiency Improvement with Lean Management and RFID Application, **Key Engineering Materials**, Vol. 450, pp. 373 – 376.
12. **Wang K.-J.\*** (2010) 提昇 TFT-LCD 產業中需求與產能配置效益之優化決策支援模式，國科會工程科技通訊，108(10), 33-36.
13. **Wang K.-J.\***, Vijay Shekhar Jha, Gong D. C., Hou T. C. and Chiu C.-C. (2010) Agent based knowledge management system with APQP: Implementation of semiconductor manufacturing services industry, **International Journal of Production Research**, accepted. (SCI) May 2010, 48(10), 2913-2936. (SCI) **IF:0.8033**
14. Chiang, K.-T., Kuo, G. C., **Wang K.-J.**, Hsiao, Y.F., Kung, K.-Y. (2009) Transient temperature analysis of a cylindrical heat equation, **WSEAS TRANSACTIONS on MATHEMATICS**, 8(7), 309-319. July 2009, ISSN: 1109-2769. (EI)
15. Lin, Y. S., Yu, Jonas C.P., and **Wang K.-J.\*** (2009) An efficient replenishment model of deteriorating items for a supplier-buyer partnership in hi-tech industry, **Production Planning and Control**, 20(5) 431-444. (SCI).
16. **Wang K.-J.\***, Lin Y.-S., Chien C.-F., and Chen J. C. (2009) A fuzzy-knowledge resource-allocation model of the semiconductor final test industry, **Journal of Robotics and Computer-Integrated Manufacturing**, 25(1), 32-41. (SCI)
17. **Wang K.-J.\*** and Chen M.-J. (2009) Cooperative capacity planning and resource

---

\* Corresponding author

- allocation by mutual outsourcing using ant algorithm in a decentralized supply chain, **Expert Systems With Applications**, 36(2), Part 2, March 2009, 2831-2842. (SCI)
18. Yang, S.-J.\* , Yang, F.-C., **Wang, K.-J.** and Chandra, Y. (2009) Optimising resource portfolio planning for capital-intensive industries under process-technology progress. **International Journal of Production Research**, 47(10), 2625-2648. (SCI)
  19. **Wang K.-J.\***, Lee, Y.-H., Wang, S. and Chu, C. P. (2009) Performance evaluation of resource allocation strategies for new product development under different workload scenarios, **Journal of Modelling in Management**, 4(2), 91-113. (EI-INSPEC)
  20. Srivastava\* H. M., Kung K. Y., and **Wang K.-J.** (2008) Analytic solutions of a two-dimensional rectangular heat equation with a heat source, **Russian Journal of Mathematical Physics**, ISSN 1061-9208, 15(4), 542–547. (SCI)
  21. Yu, J.C.P., Wee\*, H.M., and **Wang K.-J.** (2008) Supply chain partnership for three-echelon on deteriorating inventory model, **Journal of Industrial and Management Optimization (JIMO)**, 4(4), 827-842. (SCI)
  22. **Wang K.-J.\*** and Chen, K. H. (2008) An integrated facility-design model for the generator-manufacturing industry, **Production Planning and Control**, 19(5), 475-485. (SCI)
  23. Chen J.-C., **Wang K.-J.\***, Wang S.-M. and Yang S.-J. (2008) Price negotiation for capacity sharing in a two-factory environment using genetic algorithm, **International Journal of Production Research**, 46(7), 1847-1868. (SCI)
  24. **Wang K.-J.**, Wang S. M. \*, and Chen, J. C. (2008) A resource portfolio planning model using sampling-based stochastic programming and genetic algorithm, **European Journal of Operational Research**, 184(1), 327–340. (SCI)
  25. **Wang K.-J.\*** (2008) Design of an agent-based distant and distributed manufacturing control system, **International Journal of Manufacturing Technology and Management, Special Issue on Digital Manufacturing**, 14(1/2), 66-83.
  26. Hou T. C., Gong D. C., **Wang K.-J.\***, and Shekhar Jha, V. (2008) Knowledge management centric intelligent manufacturing systems for semiconductor manufacturing services industry, **Journal of the Chinese Institute of Industrial Engineers**, 25(6), 510-518. (TSSCI)
  27. Wee M. H., Huang W. C. and **Wang K.-J.** (2008) Efficient forecasting model for company performance—X company case study, **Journal of Advanced Engineering**, 3(3). (in Chinese)
  28. Chen J., **Wang K.-J.**, Wu C., Lie E., and Chen T. (2008) , A sales forecasting model on agricultural goods using neural network, **Journal of Advanced Engineering**, 3 (4). (in Chinese)
  29. Chih W.-H\* , Fu J., and **Wang K.-J.** (2007) A neural network based approach for tolerance analysis, **Journal of the Chinese Institute of Industrial Engineers**, 24(5),

- 366-377. (TSSCI) (EI)
30. **Wang K.-J.\***, Wang S. M. and Yang S.-J. (2007) A resource portfolio model for equipment investment and allocation of semiconductor testing industry, **European Journal of Operational Research**, 179 (2), 390-403. June 2007 (SCI) (NSC 94-2213-E-259-012)
  31. **Wang K.-J.\*** and Lin, Y. S. (2007) Resource allocation by genetic algorithm with fuzzy inference, **Expert Systems With Applications**, 33(4), 1025-1035. Dec 2007. (SCI)
  32. **Wang K.-J.\***, Lee, S.-J., Yeh, C.-F. and T.-C. Huang (2007) Operating an effective resource allocation for wire bonders in semiconductor assembly industry, **Production Planning and Control**, 18(3), 226-238, April 2007. (SCI).
  33. Wang S.-M., Chen J., and **Wang K.-J.\*** (2007) Resource portfolio planning of make-to-stock products using a constraint programming based genetic algorithm, **Omega-International Journal of Management Science**, 35(2), 237-246. (SSCI) (SCI). (NSC-93-2213-E-259-026) (NSC 94-2213-E-259-012)
  34. **Wang K.-J.\***, Lin J. T., and Weigert G. (2007) Agent-based single-loop interbay control in semiconductor manufacturing, **Production Planning and Control**, 18(2), 74-90 March 2007. (SCI) (NSC-93-2213-E-259-026)
  35. Srivastava\* H. M., Kung K. Y., and **Wang K.-J.** (2007) Analytic solutions of a two-dimensional rectangular heat equation, **Russian Journal of Mathematical Physics**, 14(1), 115–119. (SCI)
  36. Cheng T.-W., Rau, S., and **Wang K.-J.\*** (2006) Design and evaluation of agent's negotiation-attitude prediction model, *Communication of IICM*, 9(2), 1-11. (in Chinese)
  37. Wang S.-M., Chen, J.-C., Wee H.-M.\* , and **Wang K.-J.** (2006) Non-linear stochastic optimization using genetic algorithm for portfolio selection, **International Journal of Operations Research**, 3(1), 1-8.
  38. Veeramani D. and **Wang K.-J.\*** (2006) Design of bid construction mechanism for job flow time reduction in auction-based shop-floor control Systems, **International Journal of Advanced Manufacturing Technology**, 28(5-6), 541 – 550, March 2006. (SCI) (NSC-93-2213-E-259-026) Available online 22 June 2005.
  39. **Wang K.-J.\***, Wee, H. M., Yu, J., and Kung, K. Y. (2006) Coordinated resource allocation by mutual outsourcing in decentralized supply chain, **Lecture Notes in Computer Science (LNCS)**, LNCS 4247, pp. 766 – 773. (SCIE)
  40. **Wang K.-J.\***, Chih W. H. and Hwang K. (2006) A coordinated algorithm for deciding order-up-to-level of a serial supply chain in an uncertain environment, **Lecture Notes in Computer Science (LNCS)**, LNCS 3982 (Part III), 668–677, May 2006. (SCIE).
  41. Wee H. M.\* , Yu J. C. P. and **Wang K.-J.** (2006) An integrated production-inventory model for deteriorating item with imperfect quality and shortage backordering considerations, **Lecture Notes in Computer Science (LNCS)**, LNCS 3982 (Part III),

885–897, May 2006. (SCIE).

其它

42. Wang S.-M., **Wang K.-J.\***, Wee H.-M., and Chen J.-C. (2005) An economic capacity planning model considering inventory and capital time value, **Lecture Notes in Computer Science**, LNCS 3483 (Part IV), 333–341, May 2005. (SCIE)
43. **Wang K.-J.\***, Chen J. and Lin Y.-S. (2005) A hybrid decision tree and neural network model for knowledge discovery of dispatching rules selection in semiconductor testing industry, **Production Planning and Control**, 16(7), 665-680. (SCI) (NSC-93-2213-E-259-026)
44. **Wang K.-J.**, Wee H. M.\* , Gao S. F., and Chung S.-L. (2005) Production and inventory control with chaotic demands, **Omega - International Journal of Management Science**, 33(2), 97-106, April 2005. (SSCI) (SCI) (NSC-93-2213-E-259-026)
45. **Wang K.-J.\***, Hsu Y.-H., Pan C.-C. (2005) A fuzzy-neural-network model for bidding parameters of auction-based e-market, **Chung Yuan Journal**, 33 (2), 165-181, June 2005. (in Chinese)
46. **Wang K.-J.\***, Veeramani D., and Chen J.(2004) Distributed production planning using a graph-based negotiation protocol, **International Journal of Production Research**, 42(15), 3077-3099. August 2004. (SCI) (NSC-91-2213-E-033-041)
47. **Wang K.-J.\*** and Hou T. C. (2003) Modeling and resolving the joint problem of capacity expansion and allocation with multiple resources and limited budget in semiconductor testing industry, **International Journal of Production Research**, 41(14), 3217-3235. (SCI) (NSC- 91-2213-E-033-041)
48. **Wang K.-J.\*** and Chien C. F. (2003) Designing an Internet-based group decision support system, **Journal of Robotics and Computer-Integrated Manufacturing**, 19(1-2), 65-77. (SCI) (NSC-90-2218-E-033-001)
49. **Wang K.-J.\*** (2003) Negotiation-based multi-stage production control using distributed shortest path algorithm, **International Journal of Computer Integrated Manufacturing**, 16(1), 38-47. (SCI) (NSC- 89-2213-E-033-058)
50. **Wang K.-J.\*** and Chou C. H. (2003) Evaluating NDF-based negotiation mechanism within an agent-based environment, **Robotics and Autonomous Systems**, 43, 1-27. (SCI) (NSC-90-2218-E-033-001)
51. **Wang K.-J.\*** and Lin S. H. (2002) Capacity expansion and allocation for a semiconductor testing facility with a constrained budget, **Production Planning and Control**, 13(5), 429-437. (SCI) (NSC- 89-2213-E-033-058)
52. **Wang K.-J.\***, Hwang K., and Lo C.-C. (2002) A heuristic algorithm for order-up-to inventory policy under unreliable material supply, **Chung-Yuan Journal**, 30(3), 357-366. (in Chinese) (NSC-90-2218-E-033-001)
53. **Wang K.-J.\*** and Gao S. F. (2001) Chaos in agent-based systems---Illustrations of

- decision-making regarding to resource selection and agent coalition, **Journal of the Chinese Institute of Industrial Engineers**, 18(2), 81-94. (in Chinese) (NSC-89-2213-E-033-008) (EI) (TSSCI)
54. **Wang K.-J.**<sup>\*</sup>, Wee H. M., Twu S. H., and Gao S. F. (2001) A look-ahead Wagner-Whitin algorithm for chaotic demands, **Journal of the Chinese Institute of Industrial Engineers**, 18(4), 1-12. (in Chinese) (EI) (TSSCI) (NSC-89-2213-E-033-008) 榮獲中國工業工程學刊 2002 年「工業工程論文獎」
55. **Wang K.-J.**<sup>\*</sup> and Chou C. H. (2001) Modeling of agent-based manufacturing systems, **Journal of the Chinese Institute of Industrial Engineers**, 18(1), 1-14.) (in Chinese) (NSC-88-2213-E-033-020) (EI) (TSSCI)
56. Gong D.-C.<sup>\*</sup>, Chiu C.-H., **Wang K.-J.**, Chang K.-H., Chen H.-F., and Yang M.-S., (2001) A hospital public transportation system's route and scheduling planning, **Journal of the Chinese Institute of Industrial Engineers**, 18(1), 1-14.) (in Chinese) (EI) (TSSCI)
57. **Wang K.-J.**<sup>\*</sup> and Cheng T. Y. (2000) Distributed conveyer transportation control using a negotiation mechanism, **Chung-Yuan Journal**, 28(3), 69-83.) (in Chinese) (NSC-88-2213-E-033-020)
58. **Wang K.-J.**<sup>\*</sup> (1998) Design of deadlock-free auction protocols for distributed shop-floor control systems, **Chung-Yuan Journal**, 26(3), 49-62. (NSC- 87-2218-E-033-013).
59. **Wang K.-J.**<sup>\*</sup> (1998) A demand-driven shop-floor control model for distributed manufacturing systems, **Journal of the Chinese Society of Mechanical Engineers** (Transactions of the Chinese Institute of Engineers, Series C: A Special Issue on Advanced Automation Technology and Production Research), 19(6), 615-623. (EI) (NSC No. 88-2213-E-033-020 and 87-2218-E-033-01).
60. Veeramani D.<sup>\*</sup> and **Wang K.-J.**, and Rojas J. (1998) Modeling and simulation of auction based shop floor control using parallel computing, **IIE Transactions**, 30(9), 773-783. (SCI)
61. Veeramani D.<sup>\*</sup> and **Wang K.-J.** (1997) Performance analysis of auction-based distributed shop-floor control schemes from the perspective of the communication system, **International Journal of Flexible Manufacturing Systems**, 9(2), 121-143. (SCI)

## 專利

62. **王孔政**、林昀萱、謝佳蓁、陶雨龍 (2006) 以知識探勘技術決定派工法則之系統與方法 (專利號碼：I250426)、2006/1 通過臺灣專利審查、國科會資助/德律國際專利商標法律事務所承辦。專利權人：中原大學。專利期間：自西元 2006 年 3 月至西元 2024 年 1 月。NSC-91-2213-E-033-041。
63. **王孔政**、古漢舜(2007) 一種以自動化談判模型進行工廠排程決策之電子商務系統

與方法（臺灣專利號碼：I282070）、國科會資助/德律國際專利商標法律事務所承辦。專利期間：自西元 2007 年 6 月 1 日至 西元 2023 年 8 月 17 日。NSC-94-2213-E-259-012。

64. Chao-Pen Yu, **Kung-Jeng Wang**, Hui-Ming Wee, Yu-Siang Lin (2012) US Patent: DUAL-WAREHOUSE MANAGEMENT SYSTEM AND METHOD FOR CALCULATING THE MINIMUM JOINT COST OF A SUPPLY CHAIN, US 8,112,297 B2, Date of Patent: Feb. 7, 2012. 游兆鵬、**王孔政**、黃惠民、林鈺祥, 發明名稱：供應鏈雙倉管理系統及其計算聯合成本極小值的方法，美國發明專利，2011/11/16 已獲准。專利權人：台灣科技大學。NTUST 編號：0970093US, 事務所檔號：30069-US-PA. 專利區域:美國、公告日期: 2012/02/07、專利權止日: 2030/04/08、發照機關:United States Patent and Trademark Office、公告號: 8,112,297 B2.
65. 發明人：**王孔政**、王識閔、林靜敏 (2012) 發明名稱：面板業之多目標產能規劃系統與方法 / SYSTEM AND METHOD OF MULTI-OBJECTIVE CAPACITY PLANNING IN PANEL INDUSTRY, 美國發明專利, 已核准。中心案號:0970109US, 申請類型：發明, 申請日：2009/09/29, 申請號：12/568,687

#### B、五年內(2006-2011)研討會論文 (Conference Papers)

1. **Wang, K.-J.**, Bunjira Makond and Yu-Siang Lin (2011) Data Mining Methods in Health Care Management, 11th International academy of management and business (IAMB) 2011 conference in San Francisco on Nov 7-9.
2. **Wang, K.-J.**, Wang S.-M. and Chen C.-C. (2011) Capacity Allocation and Distribution for Multi-Stage TFT-LCD Supply Chain, Proceedings of the 2nd POMS-HK International Conference, Jan. 6-7 2011, Kowloon, Hong Kong.
3. **Wang, K.-J.** (2010) Agent based knowledge management for semiconductor manufacturing services firms, BAI2011 International Conference on Business and Information. July 5-7 2010. Kitakyushu, Japan.
4. **Wang, K.-J.**, Yuliani Dwi Lestari, Yun-Huei Lee, Hsu-Hua Lee, Tsau-Tang Yang (2010) CORPORATE CORE COMPETENCY FOR MNCS' MARKET ENTRY:THE CASE OF CHINA BIOTECH PHARMACEUTICAL INDUSTRY, BAI2011 International Conference on Business and Information. July 5-7 2010. Kitakyushu, Japan.
5. **Wang, K.-J.**, Tzeng J.L. and Jiang S. P. (2009) Modeling and evaluating of business revenue models under different product life cycles using system dynamics simulation, The Ninth International Conference on Electronic Business (ICEB 2009), Macau, 2009/11/30-12/4. Session Chair of 4C: Innovation in e-Business.
6. Hou TC, **Wang, K.-J.**, Gong DC (2009) Integrate APQP with an Agent Based Knowledge Management System in Semiconductor Manufacturing Service Industry, 8th International Conference on Information and Management Sciences, JUL 20-28, 2009 Kunming, PRC. PROCEEDINGS OF THE EIGHT INTERNATIONAL CONFERENCE

ON INFORMATION AND MANAGEMENT SCIENCES Book Series: Series of Information and Management Sciences Volume: 8 Pages: 78-83. (**Best Paper Award**)

7. Wei-Lung Ning , Chih-Yung Wu\*, **Wang, K.-J.** (2009) Fuzzy cognitive map with genetic algorithm for temperature control in smart house, IBASH2009.
8. Wang, S. M. and **Wang, K.-J.** (2009) Autonomous capacity planning by negotiation against demand uncertainty, Proceedings of the 16<sup>th</sup> ISPE International Conference on Concurrent Engineering, July. 20-24, Taipei, Taiwan.
9. Lin\*, Y. S., **Wang, K.-J.**, and Yu, J. C.P. (2009) Optimizing retailer replenishment policy with price manipulation in a demand-declining market for deteriorating items, 20<sup>th</sup> Annual Conference of the [Production and Operations Management Society](#) (POMS), 1-4 May 2009 in Orlando, Florida, USA.
10. **Wang, K.-J.** and Wang, S. M. (2009) A negotiation-based capacity planning model, 20<sup>th</sup> Annual Conference of the Production and Operations Management Society (POMS), May. 1-4, Orlando, Florida, USA.
11. Yu, J. C.P., Wee, H.M., **Wang, K.-J.** and Lin, Y.S. (2009) A compensation-based replenishment model for deteriorating items via simulated annealing method, 2009 Global Congress on Intelligent Systems (GCIS 2009), May 19-21, 2009, Xiamen, China. (EI)
12. Yu, J. C.P. H.M. Wee, **Wang, K.-J.** and Y.S Lin (2009), Using AI Approach to Solve a Deteriorating Inventory Model Considering Multiple JIT Delivery and Price decrease, Global Congress on Intelligent Systems, Xiamen, China. (Accepted) (EI)
13. Yu, J. C.P., **Wang, K.-J.** and H.M. Wee (2009) Using AI Approach to Solve an Integrated Three-Echelon Supply Chain Model with Strategic Alliances, 1st Asian Conference on Intelligent Information and Database Systems, Dong Hoi City, Vietnam. (EI)
14. **Wang, K.-J.** and Hong, W. C. (2008) Competitive advantage and strategy analysis for airport city development: A case study of Taoyuan Airport, 15th Conference on Industry Management, Taiwan Taipei, 7 Nov. 2008, pp. 547-568. (王孔政、洪皖中(2008), 航空城發展之競爭優勢與策略分析:以桃園機場為例,第十五屆產業管理研討會, 2008年11月7日, 台北大學)
15. Chang, W.-W. and **Wang, K.-J.** (2008) Applying estimation of distribution algorithms for network reliability problem, Proceedings of the 13th Annual International Conference on Industrial Engineering Theory, Applications and Practice Las Vegas, Nevada September 7-10, 2008.
16. 游兆鵬、**王孔政**、林鈺祥、黃惠民、張維哲 (2008) 考慮產品隨機生命週期及金錢時間價值下之最佳存貨模式, 2008 中華決策科學學會年會暨學術研討會。Taipei, 2008.6.13.
17. Yu, J. C.P., Wee, H.M., **Wang, K.-J.**, Widyadana, G. A. (2008) Using an AI approach to



- solve an integrated two-echelon deteriorating inventory model, The 9th Asia Pacific Industrial Engineering & Management Systems Conference The 11th Asia Pacific Regional Meeting of International Foundation for Production Research, Nusa Dua, Bali - Indonesia 3 - 5 December 2008.
18. **Wang, K.-J.**, Lee, Y. H., and Wang, S. (2008) Navigating the new product process from strategic viewpoint, Lecture Notes in Computer Science (LNCS) of Springer-Verlag , Perugia, Italy, 30 June - 3 July, 2008 (accepted) (EI).
  19. Yu, J. C.P., H.M. Wee, **Wang, K.-J.** (2008) An integrated three-echelon supply chain model for deteriorating items via simulated annealing method, The International Conference of Machine Learning and Cybernetics, Volume: 7, 3921-3926, Kunming, China, 12-15 July 2008. (EI)
  20. Yu, J. C.P., **Wang, K.-J.**, H.M Wee, Y. S. Lin (2008) An integrated three-echelon supply chain inventory model with compensation policy for deteriorating items, 13th International Symposium on Logistics, Bangkok, Thailand, 6-8 July 2008.
  21. Chen, H. C., Wee, H. M., **Wang, K.-J.**, and Hsieh, Y.-H. (2007) Using artificial neural network in multi-agent supply chain systems, The 3rd International Conference on Natural Computation ICNC 07. Hainan Island, China, August 25-27, Vol.1, 348-352. (EI)
  22. **Wang, K.-J.\*** (2007) Prototyping an agent-based distant manufacturing control system, The 11th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2007), **Lecture Notes in Computer Science (EI)**, 2007 April 26-28 Melbourne Australia. (EI) (in the name of NTUST) (NSC-95-2221-E-011-212) cite 0/0
  23. **Wang, K.-J.\*** (2007) An agent-based prototype of asynchronous distance e-learning system for facilities planning courses, The 2007 International Conference on Computational Science and Its Applications (ICCSA 2007), Kuala Lumpur, Malaysia, August 26-29. (EI)
  24. Lee, Y.-H., Wang, S., **Wang, K.-J.** (2007) Impact analysis of new product development under different supplier relationships, 2007 International Conference on Business and Information, July 11-13, Tokyo, Japan. **Best Paper Award of the conference**
  25. Yu, J. C.P., H. M. Wee, **Wang, K.-J.** and W.C. Chang (2007) The effects of inflation and time value of money on a production model with a random product life cycle, The International Conference on Service Systems and Service Management ICSSSM2007, June 9~11, 2007, Chengdu, China.
  26. 陳啟斌、**王孔政**、吳美慧 (2007) 購併企業的組織文化、組織承諾和工作績效之探討—以電子相關產業為例, 2007 國際企業管理跨領域整合學術研討會, 6月22日, 國立東華大學國企系主辦。
  27. 陳啟斌、**王孔政**、賴鈺都 (2007) 國內金融控股公司經營規模、業務整合度、股權集中度與經營績效之研究, 2007 中華決策科學學會年會暨研討會, 6月9日, 中華

決策科學學會主辦，東海大學管理學院承辦。

28. **Wang, K.-J.**<sup>\*</sup>, Wee, H. M., Yu, J., and Kung, K. Y. (2006) Coordinated resource allocation by mutual outsourcing in decentralized supply chain, Sixth International Conference on Simulated Evolution And Learning, 15-18 October 2006, Hefei, Anhui, China. (SCIE)
29. Wee, H. M., Chung, C. J., and **Wang, K.-J.** (2006) The sustainability of supply chain collaborations through pricing and warranty strategies, International Conference on Software, Knowledge, Information Management and Applications (SKIMA) Chiang Mai, Thailand 12-15 December 2006.
30. **Wang, K.-J.** and Huang, S.-Y.<sup>\*</sup> (2006) A multi-check accounting system empowered by knowledge management system, MIC'06 – Management International Conference 2006, 7th International Conference of the Faculty of Management Koper, University of Primorska, 23 - 25 November 2006, Bernardin Congress Centre, Portorož, Slovenia.
31. Wang, C. E., Chen, J. C., Wee, H-M<sup>\*</sup>, **Wang, K.-J.**, and Lin, Y.-S. (2006) Supply chain inventory strategies using fuzzy neural network, 11th International Conference on Fuzzy Theory and Technology (FTT), in conjunction with 9th Joint Conference on Information Sciences (JCIS 2006), October 8 - 11, 2006, Kaohsiung, Taiwan, ROC. (EI)
32. 李明昌、蔡曉玲、**王孔政** (2006) 整合型決策樹於 ABC 存貨管理之研究，2006 前瞻經營管理學術與實務研討會，亞洲大學，2006 年 5 月 12 日。
33. 陳照文、**王孔政** (2006) 建構協助代理人協商之規則庫，2006 前瞻經營管理學術與實務研討會，亞洲大學，2006 年 5 月 12 日。
34. 范瀨勻、黃政偉、**王孔政** (2006) 以決策樹模型分析棒球聯盟選秀標準之研究，2006 前瞻經營管理學術與實務研討會，亞洲大學，2006 年 5 月 12 日。
35. 葉榕真、蘇嘉政、**王孔政** (2006) 以決策樹評估飯店服務滿意度，2006 前瞻經營管理學術與實務研討會，亞洲大學，2006 年 5 月 12 日。
36. **Wang, K.-J.**<sup>\*</sup>, Chih W. H. and Hwang K. (2006) A coordinated algorithm for deciding order-up-to-level of a serial supply chain in an uncertain environment, **Lecture Notes in Computer Science (LNCS)**, LNCS 3982 (Part III), 668–677, International Conference on Computational Science and its Applications 2006, Glasgow, Scotland, May 8-11, 2006. (SCIE)
37. Wee, H. M.<sup>\*</sup>, Yu, J. C. P. and **Wang, K.-J.** (2006) An integrated production-inventory model for deteriorating item with imperfect quality and shortage backordering considerations, **Lecture Notes in Computer Science (LNCS)**, LNCS 3982 (Part III), 885–897, International Conference on Computational Science and its Applications 2006, Glasgow, Scotland, May 8-11, 2006. (SCIE)

### C. 專書及專書論文

1. **王孔政**<sup>\*</sup>、褚志鵬 (2007) ，供應鏈管理，華泰文化事業股利有限公司出版(台灣)，中文，ISBN: 978-957-609-683-9, 2007.3 初版。

2. 黃開義、陳銘崑、王孔政、田方治 (2007)，生產與作業管理，國立空中大學出版(台灣)，中文，ISBN: 978-957-661-783-6，2007.8 初版。