

吳柏成 副教授

■ 論著述

A. Journal Papers

1. **P. C. Wu**, “Modeling Issuer Default Risk in Basket Default Swaps: the Impact of Default Correlation,” *Journal of Risk Model Validation*, vol. 6, no. 3, pp. 67-82, 2012. (SSCI)
2. **P. C. Wu**, C. K. Kuo, and C. W. Lee, “Evaluation of Multi-Asset Value at Risk: Evidence from Taiwan,” *Global Journal of Business Research*, vol. 6, no. 4, pp. 23-34, 2012. (EconLit)
3. **P. C. Wu**, C. W. Lee, and C. K. Kuo, “Pricing of Payment Deferred Vulnerable Options and its Application to Vulnerable Range Accrual Notes,” *International Journal of Business and Finance Research*, vol. 6, no. 2, pp. 91-100, 2012. (EconLit)
4. L. J. Kao, **P. C. Wu**, and C. F. Lee, “Time-changed GARCH versus the GARJI Model for Prediction of Extreme News Events: an Empirical Study,” *International Review of Economics & Finance*, vol. 21, no. 1, pp. 115-129, 2012. (SSCI)
5. L. J. Kao, **P. C. Wu**, and T. Y. Chen, “Why Do Banks Default When Asset Quality is High?” *International Journal of Business and Finance Research*, vol. 6, no. 1, pp. 83-96, 2012. (EconLit)
6. **P. C. Wu**, “Multi-Factor Approach for Pricing Basket Credit Linked Notes under Issuer Default Risk,” *International Journal of Business and Finance Research*, vol. 5, no. 4, pp. 115-128, 2011. (EconLit)
7. **P. C. Wu**, L. J. Kao, and C. W. Lee, “How Issuer Default Risk Affects Basket Credit Linked Note Coupon Rate,” *International Journal of Information and Management Sciences*, vol. 22, no. 1, pp. 59-71, 2011. (TSSCI & EI)
8. **P. C. Wu**, “Applying a Factor Copula to Value Basket Credit Linked Notes with Issuer Default Risk,” *Finance Research Letters*, vol. 7, no. 3, pp. 178-183, 2010. (SSCI)
9. **吳柏成**、高立箴，“多標的資產結構型商品實例評價與解析”，台灣金融財務季刊，第10輯第3期，P.1-P.27，2009年。
10. **吳柏成**、何文榮、張賀凱，“界限型高收益連動債案例分析”，台灣期貨與衍生

性商品學刊，第 6 期，P.28-P.43，2008 年。

11. **P. C. Wu** and C. K. Kuo, “In, Out, or On the Boundary — Exploration of Range Accrual Note Pricing,” *Journal of Futures and Options*, vol. 1, no. 1, pp. 85-108, 2008.

B. Book Chapters

1. **P. C. Wu**, L. J. Kao, and C. F. Lee, “Factor Copula for Defaultable Basket Credit Derivatives,” Chapter 23 in *Handbook of Financial Econometric and Statistics*, Springer, pp. 639-655, 2015.
2. L. J. Kao, **P. C. Wu**, and C. F. Lee, “An Assessment of Copula Functions Approach in Conjunction with Factor Model in Portfolio Credit Risk Management,” Chapter 11 in *Handbook of Financial Econometric and Statistics*, pp. 299-316, Springer, 2015.
3. L. J. Kao, C. F. Lee, and **P. C. Wu**, “Alternative Models for Evaluating Convertible Bond: Review and Integration,” Chapter 67 in *Encyclopedia of Finance*, pp. 795-801, Springer, 2013.

C. Conference Papers

1. **P. C. Wu**, C. K. Kuo, and Y. C. Lee, “Risk Transmitting Analysis of CDO Squared,” International Conference on Business and Information, Bangkok, Thailand, July 2011.
2. **P. C. Wu** and L. J. Kao, “Influence of Issuer Default Risk on Basket Default Swap Rates,” The 4th NCTU International Finance Conference, Hsinchu, Taiwan, Jan. 2011.
3. **P. C. Wu**, C. K. Kuo, and C. W. Lee, “Integrated Value at Risk: Computation and Comparison,” International Conference on Business and Information, Kitakyushu, Japan, July 2010.
4. C. W. Lee, **P. C. Wu**, and C. K. Kuo, “A New Perspective for Comparing VaR Estimation Methods,” The 59th Annual Meeting of the Midwest Finance Association, Las Vegas, USA, Feb. 2010.
5. **P. C. Wu**, “Valuation and Analysis of Basket Credit Linked Notes with Issuer

- Default Risk,” The 3rd NCTU International Finance Conference, Hsinchu, Taiwan, Jan. 2010.
6. L. J. Kao, **P. C. Wu**, and C. F. Lee, “A Time-changed NGARCH Model on the Leverage and Volatility Clustering Effects by Extreme Events: Evidence from the S&P 500 Index over the 2008 Financial Crisis,” The 3rd NCTU International Finance Conference, Hsinchu, Taiwan, Jan. 2010.
 7. **P. C. Wu**, C. W. Lee, and C. K. Kuo, “Pricing of Payment Deferred Vulnerable Options and its Application to Vulnerable Range Accrual Notes,” International Symposium on Finance and Accounting, Kuala Lumpur, Malaysia, July 2009.
 8. **吳柏成**、葉桓宇，“一籃子信用違約交換之評價與分析 — 考慮發行機構違約風險”，2009 臺灣財務金融學會年會暨國際學術研討會，2009 年 6 月。
 9. **吳柏成**、劉濬嘉，“保本型結構型商品之評價與分析 — 彩虹選擇權之應用”，2009 年創業成長營暨企業經營管理學術研討會，2009 年 5 月。
 10. **吳柏成**、何文榮，“隱含賣出界限選擇權連動債之探討”，2008 台灣財務金融學會年會暨學術研討會，2008 年 6 月。
 11. **吳柏成**、何文榮、張賀凱，“界限型高收益連動債之評價與分析”，2008 金融服務整合與創新發展研討會，2008 年 6 月。
 12. **吳柏成**，“界內、界外及界上—區間計息債券之探討”，2007 年財務工程學會年會暨台灣期貨交易所十週年慶國際研討會，2007 年 7 月。
 13. **吳柏成**，“區間計息債券之評價與分析”，第二屆國際財務行銷與金融管理學術研討會，2007 年 6 月。

■ 專案計畫

1. 科技部計畫「多標的信用衍生性商品之信用價值調整」(計劃編號：MOST 105-2410-H-424-001)，主持人。
2. 國科會計畫「檢視信用衍生性商品信用評等之合理性」(計劃編號：NSC 99-2410-H-002 -104)，共同主持人。
3. 國科會計畫「最佳整合性風險值計算方法之研究」(計劃編號：NSC 98-2410-H-002 -078)，共同主持人。
4. 國科會計畫「考量發行機構違約風險之連動債評價」(計劃編號：NSC 97-2410-H-424-016)，共同主持人。

■ 得獎論文

1. 「101 年度合作金庫商業銀行研究獎金」(研究生：林彥杰)
2. 「2010 全國管理碩士論文獎」財務管理類佳作 (研究生：黎玉貞)
3. 「2009 全國管理碩士論文獎」財務管理類優勝 (研究生：葉桓宇)
4. 「98 年度合作金庫商業銀行研究獎金」(研究生：劉濬嘉)
5. 「98 年度合作金庫商業銀行研究獎金」(研究生：葉桓宇)
6. 「2008 金融服務整合與創新發展研討會優秀論文獎」(研究生：張賀凱)

■ 專業證照

1. [FRM \(Financial Risk Manager, 國際財金風險分析師\)](#)
2. 證券商高級業務員
3. 期貨商業務員
4. 債券業務員
5. 人身保險業務員

■ 專利

A. USA

1. System and Method for Network Address Port Translation (US20050117588A1)
2. Architecture for Performing Two-Dimensional Discrete Wavelet Transform (US6587589B1)
3. Methods for Compressing and Reconstructing a Color Image in a Computer System (US6151409A)

B. ROC

1. 網路位址及埠號轉換方法 (ROC I235573)
2. 網路位址及埠號轉換方法、使用上述方法的裝置及儲存媒體 (ROC I257781)
3. 於一電腦系統中壓縮彩色圖像及重建被壓縮彩色圖像的方法 (ROC 410301)
4. 適用於執行二維離散波元轉換之架構 (ROC 497356)