

CURRICULUM VITAE

Ming-Miin Yu

Distinguished Professor
Department of Transportation Science
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Ming-Miin Yu (yummm@mail.ntou.edu.tw) is a distinguished professor at the Department of Transportation Science, National Taiwan Ocean University, Taiwan. He received his Ph.D. from National Taiwan University, Taiwan. His research interests include the Transportation Economics and Management, Logistics, particularly the Productivity and Efficiency Analysis in Transportation and Logistics. He has applied the DEA technique in various fields including airports, airlines, railways, bus transit, shipping companies, sea ports, banks, hotels, hospitals, farmers' cooperatives, IC design firms, road maintenance, incineration plants, supply chains and tax offices. He has co-authored over 70 refereed academic publications on DEA international journals, such as Omega, the International Journal of Management Science, Journal of the Operational Research Society, Health Care Management Science, European Journal of Operational Research, Transportation Research Part A: Policy and Practice, Transportation Research-Part E: Logistics and Transportation Review, Tourism Management, Cornell Hospitality Quarterly, Transport Reviews, Journal of Air Transport Management, Transportation Planning and Technology, Journal of Advanced Transportation, International Journal of Sustainable Transportation, Central European Journal of Operations Research, Decision Support Systems. He is a member of Eastern Asia Society for Transportation, Chinese Institute of Transportation, and Taiwan Efficiency and Productivity Society. He is on the Editorial Board of the Modern Traffic and Transportation Engineering Research, Periodica Polytechnica Series Transportation Engineering and Journal of Hotel & Business Management.

Present Position

Distinguished Professor, National Taiwan Ocean University. 2014 August - Present.

Research Interest

Transportation Economics and Management,
Environmental and Natural Resource Economics,
Productivity and Efficiency Analysis,
Tourism Management.
Logistics.

Previous Experience

Assistant Professor, Da-Yeh University. 2002 February – 2003 July.
Assistant Professor, Fu Jen Catholic University. 2003 August – 2004 July.
Assistant Professor, National Taiwan Ocean University. 2004 August – 2006 July.

Associate Professor, National Taiwan Ocean University. 2006 August – 2009 July.
Professor, National Taiwan Ocean University. 2009 August – 2014 July.
Chairperson of Department of Transportation Science, National Taiwan Ocean University, 2012, Feb.
August – 2015 Jan.
Distinguished Professor, National Taiwan Ocean University. 2014 August - Present.

Education

Ph.D. Civil Engineering, National Taiwan University, Taiwan, June 2001
(Dissertation Title: *A study on aircraft noise regulation and input congestion impact on the performance of the airports in Taiwan*)
M.Eng. Traffic and Transportation, National Chiao Tung University, Taiwan, June 1990
(Thesis Title: *A study on the estimation of housing price using Kalman. Filtering*)

Date of Birth: June 2, 1965.

Languages: Chinese (Native), English

Teaching Experience in Taiwan:

Da-Yeh University

Undergraduate Economics (2002, 2003 Spring).
Undergraduate Accounting (2002 Fall).
Undergraduate Performance Evaluation (2002, 2003 Spring)
Undergraduate Investment (2002Fall)

Fu Jen Catholic University

Undergraduate Quality Management (2004 Spring).
Undergraduate Production and Operation Management (2004 Fall).
Undergraduate Management Science (2004 Spring, Fall).

National Taiwan Ocean University

Undergraduate Operations Research (2004-2009 Spring, Fall).
Undergraduate Economics (2004-2016 Spring, Fall).
Undergraduate Production and Operation Management (2004-2009 Fall).
Graduate (MS) Productivity and Efficiency (2004-2016 Spring) .
Graduate (MS) Data Envelopment Analysis (2004-2016 Fall) .
Graduate (MS) Advanced Operations Research (2007-2016 Fall) .

Journal Publications (including forthcoming papers)

1. **Ming-Miin Yu**, Emrah Bulut, 2019. Performance evaluation of BDI forecasting models: Cross efficiency, the directional distance function and the AVS utility function. Accepted for publication in International Journal of Transport Economics. (February 2019). (SSCI).
2. Xiang Chen, Tsu-tan Fu, Jia-Ching Juo, **Ming-Miin Yu**, 2019. A comparative analysis of profit inefficiency and productivity convergence between Taiwanese and Chinese banks. Business Research Quarterly. (February 2019). (SSCI). DOI: 10.1016/j.brq.2019.02.001.

3. **Ming-Miin Yu**, Li-Hsueh Chen, 2019. Evaluation of efficiency and technological bias of tourist hotels by a meta-frontier DEA model. Accepted for publication in Journal of the Operational Research Society. (January 2019). (SCI).
4. Kuan-Chen Chen, Hong-Ming Chen, Li-Nien Chien, **Ming-Miin Yu**, 2019. Productivity growth and quality changes of hospitals in Taiwan: Does ownership matter? Health Care Management Science. Article in press. (January 2019). (SSCI). DOI: 10.1007/s10729-018-9465-3.
5. Po-Chi Chen, **Ming-Miin Yu**, Jou-Chen Shih, Ching-Cheng Chang, Shih-Hsun Hsu, 2019, A Reassessment of the Global Food Security Index by Using a Hierarchical Data Envelopment Analysis Approach, European Journal of Operational Research. European Journal of Operational Research, 272(2), 687-698. (January 2019). (SCI).
6. **Ming-Miin Yu**, 2018. Nerlovian Profit Inefficiency in Non-Fully-Competitive Settings: Definition and Decomposition, Omega. The International Journal of Management Science. Article in press. (November 2018). (SSCI). doi.org/10.1016/j.omega.2018.11.002.
7. Shih-Liang Chao, **Ming-Miin Yu**, Wei-Fan Hsieh, 2018, Evaluating the Efficiency of Major Container Shipping Companies: A Framework of Dynamic Network DEA with Shared Inputs, Transportation Research Part A: Policy and Practice, 117, 44-57. (November 2018). (SSCI).
8. **Ming-Miin Yu**, Li-Hsueh Chen, Bo Hsiao, 2018, A Performance-based Subsidy Allocation of Ferry Transportation: A Data Envelopment Approach, Transport Policy, 68, 13–19. (September 2018). (SSCI).
9. Mu-Chen Chen, **Ming-Miin Yu**, Yu-Ting Hoc, 2018, Using Network Centralized Data Envelopment Analysis for Shipping Line Resource Allocation, International Journal of Environmental Science and Technology, 15(8), 1777–1792. (August 2018) (SCI).
10. Chuang-Min Chao, **Ming-Miin Yu**, Nan-Hsing Hsiung, Li-Hsueh Chen, 2018, Profitability Efficiency, Marketability Efficiency and Technology Gaps in Taiwan’s Banking Industry: Meta-Frontier Network Data Envelopment Analysis, Applied Economics, 50(3), 233–250. (March 2018) (SSCI).
11. **Ming-Miin Yu**, Bo Hsiao, 2018, Single-phase Slack-based Centralized DEA for Resource Reallocation, International Transactions in Operational Research, 25(2), 737–751. (March 2018) (SSCI).
12. **Ming-Miin Yu**, Li-Hsueh Chen , Hui Chiang, 2017, The Effects of Alliances and Size on Airlines’ Dynamic Operational Performance, Transportation Research Part A: Policy and Practice, 106, 197–214 (December 2017). (SSCI).
13. Bo Hsiao, Lih-Chyun Shu, **Ming-Miin Yu**, Li-Kang Shen and Ding-Jiun Wang, 2017, Performance Evaluation of the Taiwan Railway Administration, Annals of Operations Research, 259, 119–156 (November 2017). (SCI).
14. Shwu-Huei Huang, **Ming-Miin Yu**, Ming-Shenq Huang, Yu-Shan Wei, Ming-Huei Chen, 2017, The Efficiency of Tax Collection and Tax Management in Taiwan’s Local Tax Offices, Pacific Economic Review, 22(4), 620-648 (October 2017) (SSCI)
15. Wei-Hsin Kong, Tsu-Tan Fu, **Ming-Miin Yu**, 2017, Evaluating Taiwanese Bank Efficiency Using the Two-Stage Range DEA Model, International Journal of Information Technology & Decision Making, 16(4), 1043-1068 (July 2017). (SCI).

16. Chuang-Min Chao, **Ming-Miin Yu**, Yun-Ting Lee, Bo Hsiao, 2017, Measurement of Banking Performance in the Dynamic Multi-Activity Network Structure: Evidence from Banks in Taiwan, *Emerging Markets Finance and Trade*, 53(4), 786-805. (March 2017). (SSCI).
17. **Ming-Miin Yu**, Li-Hsueh Chen, 2016, Centralized Resource Allocation with Emission Resistance in a Two-stage Production System: Evidence form A Taiwan's Container Shipping Company, *Transportation Research Part A: Policy and Practice*, 94, 650-671 (December 2016). (SSCI).
18. Kuan-Chen Chen, Li-Nien Chien, Yi-Hsin Hsu, **Ming-Miin Yu**, 2016, Metafrontier Frameworks for Studying Hospital Productivity Growth and Quality Changes, *International Journal for Quality in Health Care*, 28(6), 650-656 (December 2016). (SSCI).
19. Jia-Ching Juo, Tsu-Tan Fu, **Ming-Miin Yu**, Yu-Hui Lin, 2016. Non-radial Profit Performance: An Application to Taiwanese Banks, *Omega. The International Journal of Management Science*, 65, 111-121 (December 2016). (SSCI).
20. Tsu-Tan Fu, Jia-Ching Juo, Han-Chin Chiang, **Ming-Miin Yu**, Mei-ying Huang, 2016. Risk-based Decompositions of the Meta Profit Efficiency of Taiwanese and Chinese Banks. *OMEGA. The International Journal of Management Science*, 62, 34-46 (July 2016). (SSCI).
21. **Ming-Miin Yu**, Yu-Chun Chang, Li-Hsueh Chen, 2016. Measurement of Airlines' Capacity Utilization and Cost Gap: Evidence from Low-Cost Carriers, *Journal of Air Transport Management*, 53, 186-198 (June 2016). (SSCI).
22. **Ming-Miin Yu**, Li-Hsueh Chen, Bo Hsiao, 2016, A Fixed Cost Allocation Based on The Two-stage Network Data Envelopment Approach, *Journal of Business Research*, 69(5), 1817-1822 (May 2016). (SSCI).
23. **Ming-Miin Yu**, Li-Hsueh Chen, Bo Hsiao, 2016, Dynamic Performance Assessment of Bus Transit with the Multi-activity Network Structure, *OMEGA. The International Journal of Management Science*, 60, 15-25 (April 2016). (SSCI).
24. **Ming-Miin Yu**, Bo Hsiao, 2016, Measuring the Technology Gap and Logistics Performance of Individual Countries by Using a Meta-DEA-AR Model, *Maritime Policy & Management*, 43(1), 98-120 (February 2016). (SSCI).
25. **Ming-Miin Yu**, Li-Hsueh Chen, 2016, Productivity Growth of Taiwanese International Tourist Hotels in a Metafrontier Framework, *Cornell Hospitality Quarterly*, 57(1) 38-50 (February 2016). (SSCI).
26. Jia-Ching Juo, Tsu-Tan Fu, **Ming-Miin Yu**, Yu-Hui Lin, 2015. Profit-oriented Productivity Change. *OMEGA. The International Journal of Management Science*, 57, 176-187 (December 2015). (SSCI).
27. Chuang-Min Chao, **Ming-Miin Yu**, Hsiao-Ning Wu, 2015, An Application of the Dynamic Network DEA Model: The Case of Banks in Taiwan, *Emerging Markets Finance and Trade*, 51(S1), 33-51. (March 2015) (SSCI).
28. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, Shih-Hsun Hsu, and Shunsuke Managi, 2015, The Enhanced Russell-Based Directional Distance Measure with Undesirable Outputs: Numerical Example Considering CO2 Emissions, *Omega, The International Journal of Management Science*, 53, 30-40 (June 2015) (SSCI).

29. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, Shih-Hsun Hsu, and Shunsuke Managi, 2015, Non-radial Directional Performance Measurement with Undesirable Outputs: An Application to OECD and Non-OECD Countries, *International Journal of Information Technology & Decision Making*, 14(3), 481-520 (May 2015). (SCI).
30. Shu-Man Chang, Jaw-Shen Wang, **Ming-Miin Yu**, Kuo-chung Shang, Shih-Hao Lin, Bo Hsiao, 2015, An Application of Centralized Data Envelopment Analysis in Resource Allocation in Container Terminal Operations, *Maritime Policy & Management*, 42(8), 776-788. (April 2015)(SSCI).
31. Chuang-Min Chao, Ming-Miin Yu, Yun-Ting Lee, Bo Hsiao. Measurement of Banking Performance in the Dynamic Multi-Activity Network Structure: Evidence from Banks in Taiwan. *Emerging Markets Finance and Trade*, 51(S1)33–51. (March, 2015).
32. Chuang-Min Chao, **Ming-Miin Yu**, Nan-Hsing Hsiung, 2015, A Study of Conversion Effect of International Financial Reporting Standards-Evidence from Taiwan's Banking Sector of Financial Holding Company, *International Journal of Managerial and Financial Accounting*, 7(1), 62-81. (EconLit)
33. Yu-Chun Chang, **Ming-Miin Yu**, 2014. Measuring Physical Productivity Growth and Biased Technological Change in Chinese Airports, *International Journal of Transport Economics*, XLI(1), 51-57. (SSCI).
34. Po-Chi Chen, **Ming-Miin Yu**, 2014. Total Factor Productivity Growth and Directions of Technical Change Bias: Evidence from 99 OECD and Non-OECD Countries, *Annals of Operations Research*, 214(1), 143-165 (March 2014) (SCI).
35. Yu-Chun Chang, **Ming-Miin Yu**, 2014. Measuring Production and Consumption Efficiencies Using the SBM-NDEA Approach: The case of low-cost carriers, *Journal of Advanced Transportation*. 48(1), 15–31(March 2014) (SCI).
36. Chi-Hung Wu, **Ming-Miin Yu**, Li-Hsueh Chen, , 2014, A study on performance improvement of hazardous locations, *Journal of the Chinese Institute of Transportation* , 37(4),415-453 (TSSCI) .
37. **Ming-Miin Yu**, Bo Hsiao, Ching-Chin Chern, 2013. Human Resource Rightsizing using Centralized Data Envelopment Analysis: Evidence from Taiwan's Airports, *Omega*, The *International Journal of Management Science* 41(1), 119-130. (SSCI).
38. Yu-Chun Chang, **Ming-Miin Yu**, Po-Chi Chen, 2013. Evaluating the performance of Chinese Airports, *Journal of Air Transport Management* 31, 19-21. (SSCI).
39. Po-Chi Chen, Shih-Hsun Hsu, and Ching-Cheng Chang, **Ming-Miin Yu**, 2013. Efficiency Measurements in Multi-activity Data Envelopment Analysis with Shared Inputs: an Application to Farmers' Cooperatives in Taiwan, *China Agricultural Economic Review* 5(1), 24 – 42. (SSCI).
40. **Ming-Miin Yu**, Bo Hsiao, Shih-Hsun Hsu, and Shaw Yu Li, 2012. Measuring Harbor Management, Stevedoring and Warehousing Performance of Taiwanese Container Ports Using Multi-activity Network DEA Model, *Journal of International Logistics and Trade* 10(2), 77-115.
41. **Ming-Miin Yu**, 2012. Performance assessment of transport services with the ERM-NDEA model: Evidence from a domestic airline in Taiwan, *Transportation Planning and Technology* 35(7), 697-714. (SCI).

42. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, and Shih-Hsun Hsu, 2012. Performance Measurement for Incineration Plants Using Multi-activity Network Data Envelopment Analysis: The Case of Taiwan, *Journal of Environmental Management* 93, 95-103 (SSCI).
43. **Ming-Miin Yu**, Chia-Chu Hsu, 2012. Service productivity and biased technical change of domestic airports in Taiwan. *International Journal of Sustainable Transportation* 6, 1–25. (SSCI).
44. Jia-Ching Juo, Tsu-Tan Fu, **Ming-Miin Yu**, 2012. Non-oriented slack-based decompositions of profit change with an application to Taiwanese banking. *OMEGA. The International Journal of Management Science* 40 (5), 550-561. (SSCI).
45. Bo Hsiao, Ching-Chin Chern, **Ming-Miin Yu**, 2012. Measuring the Relative Efficiency of IC Design Firms using the Directional Distance Function and a Meta-Frontier Approach, *Decision Support Systems* 53(4), 881-891. (SSCI).
46. **Ming-Miin Yu**, 2012. An Integration of the Multi-component DEA and GAR Models to the Measurement of Hotel Performance, *Current Issues in Tourism* 15(5), 461-476. (SSCI).
47. Gang Lee, **Ming-Miin Yu**, Lung-Chuang Wang, 2012. DEA-Based Integrated Relationship of Returns to Scale – An application to the Road Maintenance in Taiwan, *Journal of Civil Engineering and Management* 18(5), 709-723. (SCI).
48. **Ming-Miin Yu**, 2011. Performance evaluation, *Advances in Management* 4 (11), Editorial in Current Issue.
49. **Ming-Miin Yu**, Po-Chi Chen, 2011. Measuring Air Routes Performance Using a Fractional Network Data Envelopment Analysis Model, *Central European Journal of Operations Research* 19(1), 81-98. (SCI).
50. Bo Hsiao, Ching-Chin Chern, **Ming-Miin Yu**, Gwo-Hshiung Tzeng, 2010, Efficiency Predictions using Fuzzy Piecewise Auto-Regression, *Journal of Information Management* , 17, special issue,197-220. (TSSCI)
51. **Ming-Miin Yu**, 2010. Capacity efficiency measurement using three-stage DEA approach: evidence from domestic airports in Taiwan, *Transportation Planning and Technology* 33(2), 2010, 221- 235. (SCI)
52. **Ming-Miin Yu**, 2010. Assessment of Airport Performance Using the SBM-NDEA Model, *OMEGA. The International Journal of Management Science* 38 (6), 440-452. (SSCI).
53. **Ming-Miin Yu**, Shih-Chan Ting and Mu-Chen Chen, 2010. Evaluating the Cross-Efficiency of Information Sharing in Supply Chain, *Expert Systems with Applications* 37(4), 2891-2897. (SCI)
54. Chuang-Min Chao, **Ming-Miin Yu** and Mu-Chen Chen, 2010. Measuring the Performance of Financial Holding Companies in Taiwan with Multi-activity DEA Approach. *The Service Industries Journal* 30(6), 811 - 829. (SSCI).
55. **Ming-Miin Yu** and Chih-Ku Fan, 2009. Measuring the Performance of Multimode Bus Transit: A Mixed Structure Network DEA Model, *Transportation Research-Part E: Logistics and Transportation Review* 45(3), 501-515. (SSCI).
56. **Ming-Miin Yu**, Bruce C.Y. Lee, 2009. Efficiency and Effectiveness of Service Business: Evidence from International Tourist Hotels in Taiwan, *Tourism Management* 30(4), 571-580. (SSCI), NSC 96-2416-H-019-005-MY2.

57. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, and Shih-Hsun Hsu, 2009. Efficiency Measurements in Multi-activity Data Envelopment Analysis with Shared Inputs: An Application to Farmers' Organizations in Taiwan, *Taiwan Economic Review*, 37(4), 415-453 (TSSCI) (in Chinese)
58. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, and Shih-Hsun Hsu, 2008. Total Factor Productivity Growth in China's Agricultural Sector, *China Economic Review* 19(4), 580-593. (SSCI)
59. **Ming-Miin Yu**, 2008. Assessing the Technical Efficiency, Service Effectiveness, and Technical Effectiveness of the World's Railways through NDEA Analysis. *Transportation Research Part A: Policy and Practice* 42(10), 1283-1294. (SSCI)
60. **Ming-Miin Yu**, 2008. Productivity Change and the Effects of Enhancement of Mass Transportation Program on the Bus Transit System in Taiwan. *Transport Reviews* 28 (5), 573-592. (SSCI)
61. **Ming-Miin Yu** and Chih-Ku Fan, 2008. The Effects of Privatization on Return to the Dollar: A Case Study on Technical Efficiency, and Price Distortions of Taiwan's Intercity Bus Services. *Transportation Research Part A: Policy and Practice*, 42(6), 935-950. (SSCI)
62. **Ming-Miin Yu**, and Erwin T.J. Lin, 2008. Efficiency and Effectiveness in Railway Performance Using a Multi-activity Network DEA Model. *OMEGA. The International Journal of Management Science* 36(6), 1005-1017. (SSCI)
63. **Ming-Miin Yu**, 2008. Measuring the Efficiency and Return to Scale Status of Multi-mode Bus Transit – Evidence from Taiwan's Bus System. *Applied Economics Letters* 15(8) , 647-653. (SSCI)
64. **Ming-Miin Yu**, Ching-Cheng Chang, Shih-Hsun Hsu and Du-Hua Lee, 2008. Productivity Growth of Taiwan's Major Domestic Airports in the Presence of Aircraft Noise. *Transportation Research-Part E: Logistics and Transportation Review* 44(3), 543-554. (SSCI)
65. Chih-Ching Yang, Ching-Kai Hsiao, **Ming-Miin Yu**, 2008. Technical Efficiency and Impact of Environmental Regulations in Farrow-to-Finish Swine Production in Taiwan, *Agricultural Economics* 39, 51–61. (SSCI)
66. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, and Shih-Hsun Hsu, 2007. Productivity Change in Taiwan's Farmers' Credit Unions: A Nonparametric Risk-Adjusted Malmquist Approach. *Agricultural Economics* 36, 221-231. (SSCI)
67. **Ming-Miin Yu**, 2007. The Capacity Productivity Change and the Variable Input Productivity Change: A New Decomposition of the Malmquist Productivity Index. *Applied Mathematics and Computation* 185(1), 375-381. (SSCI)
68. **Ming-Miin Yu**, and Chih-Ku Fan, 2006. Cost Effectiveness of Multimode Bus Transit in the Presence of Accident Risks. *Transportation Planning and Technology* 29(5), 383-407. (SCI)
69. Bin Lin, **Ming-Miin Yu**, and Chi-Hung Yang, 2006. Applying the DEA/AR Model to Evaluate the Operational Efficiency of Ports – An Empirical Study of Keelung, Taichung and Kaohsiung Ports, *Transportation Planning Journal* 35(4), pp. 241-259. (in Chinese)
70. **Ming-Miin Yu**, 2005. The Impact of Undesirable Output on Managerial Efficiency and Output Loss of Domestic Airports, *Journal of Management* 22(2), pp. 241-259. (in Chinese)

71. **Ming-Miin Yu**, 2004. Measuring Physical Efficiency of Domestic Airports in Taiwan with Undesirable Output and Environmental Factor. *Journal of Air Transport Management* 10(5), 295-303. (SSCI)
72. Jing-Shing Yao and **Ming-Miin Yu**, 2004. Decision Making Based on Statistical Data, Signed Distance and Compositional Rule of Inference. *International Journal of Uncertainty, Fuzziness and Knowledge-Based System* 12(2), 161-190. (SCI)
73. **Ming-Miin Yu** and Jing-Shing Yao, 2004. Interval-valued Fuzzy Numbers and Concordance Analysis Approach to the Operational Organization Type Selection. *WSEAS Transactions on Mathematics* 3(1), 78-83. (EI)
74. **Ming-Miin Yu** and Chih-Ku Fan, 2004. The Joint Determination of Efficiency in Muti-Mode Bus Transit. *WSEAS Transactions on Mathematics* 3(1), 102-107. (EI)
75. **Ming-Miin Yu** and Jing-Shing Yao, 2001. Modification of Concordance Analysis Based on Statistical Data and Ranking of Level Fuzzy Numbers. *International Journal of Uncertainty, Fuzziness and Knowledge-Based System* 9(3), 313-340. (SCI)
76. **Ming-Miin Yu**, Shih-Hsun Hsu, 2001. A Study on Operational Efficiency and Input Congestion of Domestic Airports in Taiwan in the Presence of Aircraft Noise, *Proceeding of Taiwan Economic Association*, pp. 121-149. (in Chinese)
77. **Ming-Miin Yu**, Tsao, Shou-Min, 2001. An Analysis of Stochastic Frontier Productions and Technical Efficiency in Taiwan Airports, *Journal of the Chinese Institute of Transportation* 13(2), pp. 1-26. (in Chinese)
78. **Ming-Miin Yu**, Tsao, Shou-Min, An Application of Fuzzy Concordance Analysis to Organizational Types Choice of a Rapid Transit System: The Case of Tao-Yuan Rapid Transit System, *Journal of the Chinese Institute of Transportation* 12(2), 2000年11月, 頁 31-46. (in Chinese)
79. **Ming-Miin Yu**, Measurement of Total Factor Productivity Growth of the C. K. S. Airport, *Civil Aviation Journal Quarterly* 2(1), pp. 97-123. (in Chinese)
80. **Ming-Miin Yu**, Tsao, Shou-Min, 2000. A Study on Measuring Total Factor Productivity and Biases in Technological Change of An Airport: A Case of the C. K. S. Airport, *Transportation Planning Journal* 30(1), pp.111-134. (in Chinese)
81. **Ming-Miin Yu**, Chang, Shyue Koong, 1999. A Study on Level of Service of Domestic Airports in Taiwan, *Civil Aviation Journal Quarterly* 1(3), pp. 303-329. (in Chinese)

Chapter in Books

1. **Ming-Miin Yu**, Li-Hsueh Chen, 2017. DEA in the Transport Sector, Chapter 16, Part II: *Advances in DEA Theory and Applications: With Extensions to Forecasting Models*, John Wiley & Sons, Ltd. (May 2017)
2. **Ming-Miin Yu**, Li-Hsueh Chen, 2017. DEA in Resource Allocation, Chapter 19, Part II: *Advances in DEA Theory and Applications: With Extensions to Forecasting Models*, John Wiley & Sons, Ltd. (May 2017)

3. **Ming-Miin Yu**, Bo Hsiao, 2017. Efficiency Predictions using Fuzzy Piecewise Auto-Regression, Chapter 27, Part III: Advances in DEA Theory and Applications: With Extensions to Forecasting Models, John Wiley & Sons, Ltd.(May 2017)
4. **Ming-Miin Yu**, Li-Hsueh Chen, 2016. Assessment of Transportation Performance: A Network Structure, Chapter 2 in Data Envelopment Analysis: A handbook of Empirical Studies and Applications, Springer US.
5. **Ming-Miin Yu**, Li-Hsueh Chen, 2014. Internal Structure of Service Organization - From Multi-Activity Financial Institutions to Network Structure Hotels, Chapter 11 in Managing Service Productivity, Springer International Publishing AG.

Other professional activities, such as workshops, seminars and consultations

1. Sheng-Teng Huang, **Ming-Miin Yu**, Li-Hsueh Chen, Applying IDEA-AR-QFD model to evaluate quality of liner shipping service: an empirical study of East Asian shipping industry. International Forum on Shipping, Ports, and Airports (IFSPA) 2019, 20-24 May 2019, Hong Kong.
2. Kuan-Chen Chen, Li-Nien Chien, Yi-Hsin Hsu, **Ming-Miin Yu**, Quality-based Malmquist productivity decompositions: a metafrontier approach, the 12th Asia-Pacific Productivity Conference 2018, July 4-6, 2018, Seoul, Korea.
3. **Ming-Miin Yu** and Li-Hsueh Chen, Weak disposability in centralized data envelopment analysis with undesirable outputs, 2017 International Symposium on Business and Management-Fall Session, September 5-7, 2017, Seoul, Korea.
4. **Ming-Miin Yu** and Li-Hsueh Chen, Technological bias in the production and consumption processes of Taiwanese tourist hotels: A meta-frontier network DEA model, Data Envelopment Analysis International Conference 2017 Joint with Taiwan Productivity Workshop, July 7-10, 2017, Hefei, China.
5. Chuang-Min Chao, **Ming-Miin Yu**, Tzu-Yu Lin, Intellectual Capital and Performance in Asia Life Insurance Industry, 2017 International Congress on Banking, Economics, Finance, and Business, June 27-29, 2017, Kyoto, Japan.
6. Chuang-Min Chao, **Ming-Miin Yu**, Hung-Yen Chen, Value-based Metafrontier Approach on the Operational Efficiencies of Securities Companies in Taiwan and Foreign Countries, 2017 International Congress on Banking, Economics, Finance, and Business, June 27-29, 2017, Kyoto, Japan.
7. Chuang-Min Chao, **Ming-Miin Yu**, Shin-Yun Hsu, Profitability Efficiency, Marketability Efficiency and Technology Gaps in Taiwan's Banking Industry: Meta-Frontier Network Data Envelopment Analysis, Asia Economic Community Forum 2016, November 02-04, Incheon, Korea.
8. **Ming-Miin Yu** and Li-Hsueh Chen, Evaluation of efficiency and marginal rate of transformation of international tourist hotels by a meta-frontier DEA model. The 28th European Conference on Operational Research, July 3-6, 2016, Poznan, Poland.
9. Chuang-Min Chao, **Ming-Miin Yu**, Shin-Yun Hsu, Profit efficiency, Technical efficiency and Allocative efficiency of Financial Institutions in Taiwan under the non-fully competitive market:

The Metafrontier Approach, 2016 International Conference on Business and Information (BAI2016), July 03-05, Nagoya, Japan.

10. Chuang-Min Chao, **Ming-Miin Yu**, Ya-Ju Chang, Operational efficiency of Financial Institutions in Taiwan using Value-based Measurement, 2016 International Conference on Business and Information (BAI2016), July 03-05, Nagoya, Japan.
11. **Ming-Miin Yu**, Bo Hsiao, Yue-De Lin and Li-Hsueh Chen, Optimal allocation of personnel and equipment in Keelung Harbor via multi-activity centralized data envelopment analysis. The 14th International Conference on Data Envelopment Analysis, May 23-27, 2016, Wuhan, China.
12. **Ming-Miin Yu**, Bo Hsiao, Li-Hsueh Chen, Efficiency predictions by fuzzy piecewise auto-regression in dynamic network system. Workshop 2015 -Advances in DEA Theory and Applications with Extensions to Forecasting Models, December 1st-2nd, 2015, Tokyo, Japan.
13. **Ming-Miin Yu**, Emrah Bulut, Prediction and performance evaluation of BDI forecasting models: Cross efficiency, the directional distance function and the AVS utility function. Workshop 2015 - Advances in DEA Theory and Applications with Extensions to Forecasting Models, December 1st-2nd, 2015, Tokyo, Japan.
14. **Ming-Miin Yu**, Li-Hsueh Chen, Bo Hsiao, A fixed cost allocation based on the two-stage network data envelopment approach, 2015 the Global Innovation and Knowledge Academy (GIKA) - Europe Annual Conference, July 14-16, 2015, Valencia, Spain.
15. **Ming-Miin Yu**, Li-Hsueh Chen, Resource allocation with undesirable outputs: Evidence from Taiwan's container shipping liners, the Second Asia Pacific Conference on Global Business, Economics, Finance and Social Sciences (AP15VIETNAM Conference), July 10-12, 2015, Da Nang, Vietnam.
16. Chuang-Min Chao, **Ming-Miin Yu**, Che-Yu Lin, The Operational Efficiencies of Securities Firms in Taiwan and Southeast Asia –Three Stage DEA with Metafrontier Model, 2015 International Conference on Business and Information (BAI2015), July 07-09, 2015, Macau.
17. Chuang-Min Chao, **Ming-Miin Yu**, Yu-Fang Peng, The Optimum Portfolio of Mutual Fund Investment – An Application of MVS Model, 2015 International Conference on Business and Information (BAI2015), July 07-09, 2015, Macau.
18. Chuang-Min Chao, **Ming-Miin Yu**, Jia-Kai Lin, Financial Performance and Corporate Social Performance of the Securities Companies in Taiwan, 2015 International Conference on Business and Information (BAI2015), July 07-09, 2015, Macau.
19. Chuang-Min Chao, **Ming-Miin Yu**, Yu-Jung Yeh, A Metafrontier Analyze Financial Institutions in Taiwan on Profit efficiency, Technical efficiency and Allocative efficiency, 2015 International Conference on Business and Information (BAI2015), July 07-09, 2015, Macau.
20. **Ming-Miin Yu**, Yu-Chun Chang, Li-Hsueh Chen, Measurement of airlines' capacity utilization and cost gap: Evidence from low-cost carriers, The 2014 Annual Meeting of the Operations Research Society of Taiwan, the Joint Conference of Operations Research and Maritime Logistics (ORML 2014), November 28, 2014, Keelung City, Taiwan.
21. Chuang-Min Chao, **Ming-Miin Yu**, Nan-Hsing Hsiung, The impact on Taiwan's banking sector of financial holding company of IFRS Adoption– a network SBM approach, 2014 International Conference on Advances in Management Engineering and Information Technology (AMEIT2014), September 21-22, 2014, Hong Kong.

22. Chuang-Min Chao, **Ming-Miin Yu**, Yun-Ting Lee, An Application of the Multi-activity Dynamic Network DEA Model: The Case of Banks in Taiwan, Proceedings of 2014 International Conference on Business and Information (BAI2014), p.1355-p.1373, July 03-05, 2014, Osaka, Japan. ISSN 1729-9322.
23. Chuang-Min Chao, **Ming Miin Yu**, Nan-Hsing Hsiung, The Effect of Implementation of IFRS on Performance in Taiwanese Commercial Banks — A Network SBM Approach, Proceedings of 2014 International Conference on Business and Information (BAI2014), p.1844-p.1877, July 03-05, 2014, Osaka, Japan. ISSN 1729-9322.
24. **Ming-Miin Yu**, Li-Hsueh Chen and Bo Hsiao, Dynamic performance assessment of bus transit with the multi-activity network structure, The Second International Conference on Information Technology and Quantitative Management (ITQM 2014), June 3 to 5, 2014, Moscow, Russia.
25. **Ming-Miin Yu**, Li-Hsueh Chen and Bo Hsiao, A Performance-based Subsidy Allocation of Ferry Transportation: A Data Envelopment Approach, 12th international conference on Data Envelopment Analysis, April 14 to 17, 2014, Kuala Lumpur, Malaysia.
26. **Ming-Miin Yu**, Li-Hsueh Chen, Efficiency and returns to scale of liner shipping routes: A two-stage Data Envelopment Analysis framework, the 6th International Conference of Asian Shipping and Logistics (ICASL 2013), August 30 to 31, 2013, in Kobe City, Japan.
27. **Ming-Miin Yu**, Li-Hsueh Chen, 2013. Productivity Growth of Taiwanese International Tourist Hotels in a Metafroniter framework, selected to present at the 13th European Workshop on Efficiency and Productivity Analysis (June, 17 - 20) , Helsinki, Finland.
28. **Ming-Miin Yu**, Li-Hsueh Chen, Kuan-Chen Chen, Kaoru Tone, Operational efficiency in Taiwan banks with consideration of nonperforming loans: A dynamic network, selected to present at the DEA Workshop on Dynamic and Network DEA 2013 (January 29-30) , Tokyo, Japan.
29. **Ming-Miin Yu**, Hsuan Yang, Bo Hsiao, 2012, Measuring the performance of Taiwan ferry transportation by using data envelopment analysis, selected to present at the IAME 2012 Conference, 6th – 8th September, 2012, Taipei, Taiwan.
30. **Ming-Miin Yu**, Bo Hsiao, 2012, Measuring the technology gap and performance of global logistics using the Meta-DEA-AR model, selected to present at the IAME 2012 Conference, 6th – 8th September, 2012, Taipei, Taiwan.
31. **Ming-Miin Yu**, Bo Hsiao and Hsuan Yang, 2012, Efficient performance based subsidy allocation and targets setting to low volume ferry routes: evidence from Taiwan’s offshore ferry transportation, selected to present at the 2012 2nd International Conference on Economic, Education and Management, Jun. 1- 2, Shanghai, China.
32. Yu-Chun Chang, **Ming-Miin Yu**, Po-Chi Chen, 2012, Geographical Characteristics, Service Strategy and Operating Performance in Chinese Airports, selected to present at the 2012 International Forum on Shipping, Ports and Airports (IFSPA), May 27- 30, Hongkong, China.
33. **Ming-Miin Yu**, Bo Hsiao, 2012, Single stage slack-based centralized DEA for resource reallocation selected to present at the DEA Symposium 2012, Feb. 20- 21, Tokyo, Japan.
34. Bo Hsiao, **Ming-Miin Yu**, Ching-Chin Chern, Li-Chen Chou, 2012, Considering Production Limits in Greenhouse Gas Emission Trading using the Data Envelopment Analysis Approach, selected to present at the 45th Hawaii International Conference on System Science, Jan 4-7, Hawaii, USA.

35. **Ming-Miin Yu**, Bo Hsiao, 2011, Human Resource Reallocation using Centralized Data Envelopment Analysis: Evidence from Taiwan's Container, the 16th International Conference of Hong Kong Society for Transportation Studies, December 17-20, Hong Kong.
36. Yu-Chun Chang, **Ming-Miin Yu**, 2011, Measuring productivity growth and biased technology change in Chinese airports, selected to present at the 2nd International Conference of Thai Society for Transportation & Traffic Studies, October 14 – 15, Pattaya, Thailand.
37. Shaw Yu Li, **Ming-Miin Yu**, Bo Hsiao, Using Multi-Activity Network DEA Model to Measure Container Ports with Harbor Management, Stevedoring and Warehousing Activities, selected to present at the 9th International Conference on Data Envelopment Analysis (DEA2011), August 25- 27, 2011, Thessaloniki, Greece.
38. Yu-Chun Chang, **Ming-Miin Yu**, 2011, Measuring production and consumption efficiencies using the SBM-NDEA approach: the case of low-cost carriers, selected to present at the 2011 ATRS World Conference: 29 June - 2 July, Sydney.
39. Chuang-Min Chao, **Ming-Miin Yu**, Tsai-Chen Ho, 2011. A Study on the Intellectual Capital Value Production Process using Network SBM Approach : The Case of Banks in Taiwan, selected to present at the 2011 International Conference on Business and Information (BAI2009) (June 19-23, 2011), Bangkok, Thailand.
40. Chuang-Min Chao, **Ming-Miin Yu**, Ming-Hung Chen, 2011. A Study on the Relationship Between the Concentration Index and Mutual Funds performances: An Application of MVS Model and Censored Quantile Regression, selected to present at the 2011 International Conference on Business and Information (BAI2009) (June 19-23, 2011) , Bangkok, Thailand.
41. Bo Hsiao, Ching-Chin Chern, **Ming-Miin Yu**, Ching-Ren Chiu, 2010, Measuring the Relative Efficiency of IC Design Firms: A Directional Distance Functions and Meta-Frontier Approach, the 14th Pacific Asia Conference on Information Systems (PACIS 2010).
42. Bo Hsiao, Ching-Chin Chern, **Ming-Miin Yu**, Gwo-Hshiung Tzeng, 2010, Efficiency Predictions by Fuzzy Piecewise Auto-Regression, the 12th MIS Doctoral Consortium (MISDC 2010).
43. Jia Ching Juo, Tsu-tan Fu and **Ming-Miin Yu**, Non-oriented Slack-based decompositions of profit change: With an application to Taiwanese banking, Asia-Pacific Productivity Conference (APPC 2010), Taipei, Taiwan, July 21-23, 2010.
44. Po-Chi Chen, Ching-Cheng Chang, and Shih-Hsun Hsu, **Ming-Miin Yu**, Determination of Optimal Capacity and Prices of Incineration Plants Based on a Centralized DEA Model, Asia-Pacific Productivity Conference (APPC 2010), Taipei, Taiwan, July 21-23, 2010.
45. Ching Juo Jia, Tsu-tan Fu, **Ming-Miin Yu**, Directional distance functional decompositions of profit change: With an application to Taiwanese banking, Asia-Pacific Productivity Conference (APPC 2010), Taipei, Taiwan, July 21-23, 2010.
46. **Ming-Miin Yu**, Po-Chi Chen, Ching-Cheng Chang, and Shih-Hsun Hsu, Non-Radial Directional Performance Measurement with Undesirable Outputs: An Application to OECD and Non-OECD Countries, Asia-Pacific Productivity Conference (APPC 2010), Taipei, Taiwan, July 21-23, 2010.
47. Chuang-Min Chao, **Ming-Miin Yu** and Tzu-Wei Lin, Decomposing Profit and Productivity Change in Data Envelopment analysis: an Application of Taiwan Semiconductor Industry (TIIM2010), Pattaya, Thailand, June, 16-18, 2010.

48. **Ming-Miin Yu**, Capacity efficiency measurement using three-stage DEA approach: evidence from domestic airports in Taiwan, selected to present at the First International Conference of the Thai Society for Transportation Studies “on The Future of Human Mobility” 22-23 January 2010, Phuket Island, Thailand.
49. **Ming-Miin Yu**, Shih-Hsun Hsu, Po-Chi Chen and Ching-Cheng Chang, Directions of Technical Change Bias and Growth in Productivity of World Health Industry, selected to present at the 4th Symposium on Data Envelopment Analysis, January 19-21, 2010, Jiaosi, Taiwan.
50. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, and Shih-Hsun Hsu, Slacks-based performance measurement with undesirable outputs using the Russell measure based directional distance function model, selected to present at the 4th Symposium on Data Envelopment Analysis, January 19-21, 2010, Jiaosi, Taiwan.
51. **Ming-Miin Yu**, Assessing Air Routes Performance Using Hyperbolic Measure of Network Data Envelopment Analysis Model, selected to present at the 5th Advanced Forum on Transportation of China, Oct. 17-18, 2009, Beijing, China.
52. **Ming-Miin Yu**, Efficiency Decomposition in Multi-division DEA: An Application to International Tourist Hotels in Taiwan, selected to present at the 20th MCDM Conference, June 22-26, 2009, Chengdu, China.
53. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang and Shih-Hsun Hsu, Slacks-based Performance Measurement with Undesirable Outputs, selected to present at DEA Symposium 2009, January 13-15, 2009, Osaka, Japan.
54. **Ming-Miin Yu**, Capacity Efficiency of Domestic Airports in Taiwan using Three-stage DEA Approach, selected to present at The 3rd World Conference on Production and Operations Management, August 5-8, 2008, Tokyo, Japan.
55. **Ming-Miin Yu**, Bruce C.Y. Lee, Efficiency and Effectiveness Assessment of Services Business-Evidence from International Tourist Hotels in Taiwan , selected to present at the MCDM 2008 - 19th International Conference on Multiple Criteria Decision Making in Auckland, New Zealand, 7 - 12 January 2008. (University of Auckland)
56. **Ming-Miin Yu**, Assessing the Technical Efficiency, Service Effectiveness, and Technical Effectiveness of the World Railways through NDEA Analysis, selected to present at the 22nd European Conference on Operational Research EURO XXII in Prague, Czech, July 8-11, 2007.
57. **Ming-Miin Yu**, Chia-Chu Hsu, Service Quality Productivity Growth and Biased Technical Change of Domestic Airports in Taiwan, selected to present at the Tenth European Workshop on Efficiency and Productivity Analysis (EWEPA X) in Lille, France, from June 27 to June 30, 2007.
58. Po-Chi Chen, **Ming-Miin Yu**, Ching-Cheng Chang, and Shih-Hsun Hsu, Efficiency and Returns to Scale Measurements with Shared Inputs in Multi-activity Data Envelopment Analysis: An Application to Farmers’ Organizations in Taiwan, selected to present at the 2007 American Agricultural Economics Association (AAEA) Annual Meeting in Portland, Oregon, USA, from July 29 to August 1, 2007.
59. **Ming-Miin Yu**, Shih-Hsun Hsu and Po-Chi Chen, Directions of Technical Change Bias and Growth in Productivity of World Health Industry–Evidence from OECD and non-OECD Countries, selected to present at the North American Productivity Workshop, June 28th-June 30th, 2006 at Stern School of Business, New York University, USA.

60. **Ming-Miin Yu**, Erwin T. J. Li, Efficiency and Effectiveness in Railway Performance Using a Multi-activity Network DEA Model, selected to present at the Asia-Pacific Productivity Conference(APPC) 2006, August 17-19, 2006 at Seoul National University, Seoul, Korea.
61. Chuang-Min Chao, **Ming-Miin Yu** and Mu-Chen Chen, Measuring the Performance of Financial Holding Companies in Taiwan with Multi-Activity DEA Approach, selected to present at the Asia-Pacific Productivity Conference (APPC) 2006, August 17-19, 2006 at Seoul National University, Seoul, Korea.
62. Mu-Chen Chen, **Ming-Miin Yu** and Shih-Chan Ting, Evaluating the Cross-Efficiency of Information Sharing in Supply Chain Management, selected to present at The International Congress on Logistics and SCM Systems, Kaohsiung, Taiwan, 1-2 May, 2006.
63. **Ming-Miin Yu**, Productivity Change and the Effects of the Enhancement of Mass Transportation Program on the Bus Transit System in Taiwan, selected to present at Ninth European Workshop on Efficiency and Productivity Analysis, Brussels, June 29-July 2, 2005.
64. **Ming-Miin Yu** and Chih-Ku Fan, Incorporating Accident Risk in Measuring Cost Effectiveness of Multimode Bus Transit, selected to present at Asia-Pacific Conference on Efficiency and Productivity Growth, Brisban, Austrilia, July 2004, NSC92-2416-H-030-016.
65. **Ming-Miin Yu** and Jing-Shing Yao, Interval-valued Fuzzy Numbers and Concordance Analysis Approach to the Operational Organization Type Selection, selected to present at 5th World Scientific and Engineering Academy and Society International Conference MATH, Miami, USA, April 2004, NSC92-2416-H-030-016.
66. **Ming-Miin Yu** and Chih-Ku Fan, The Joint Determination of Efficiency in Muti-Mode Bus Transit, selected to present at 5th World Scientific and Engineering Academy and Society International Conference MATH, Miami, USA, April 2004, NSC92-2416-H-030-016.
67. Shih-Hsun Hsu, **Ming-Miin Yu**, Ching-Cheng Chang, An Analysis of Total Factor Productivity Growth in China Agricultural Sector, selected to present at Korea Institute for International Economic Policy, Korea, December 2002.
68. **Ming-Miin Yu**, Shih-Hsun Hsu, Ching-Cheng Chang, Productivity Growth in Taiwan Airports When Some Outputs are Undesirable, selected to present at Asia Conference on Efficiency and Productivity Growth, Taipei, Taiwan, July 2002, NSC91-2416-H-212-001.
69. **Ming-Miin Yu**, Jing-Shing Yao, The Use of Concordance Analysis and Interval-Valued Fuzzy Numbers to Choose an Operational organization type of Rapid Transit System, selected to present at 9th World Conference On Transport Research, Seoul, Korea, COEX Convention Center, July 2001.

Professional Service

Membership and activities in professional associations:

1. Member of Eastern Asia Society for Transportation, Feb 2005-Present.
2. Member of Chinese Institute of Transportation, Feb 2005-Present.
3. Member of Taiwan Efficiency and Productivity Society, Aug 2009-Present
4. Member of China Maritime Insitute, 2013-Present
5. Member of Taiwan Association of Input-Output Studies (TAIOS), 2017-Present

Editorial Board Members

1. The Modern Traffic and Transportation Engineering Research (MTTER) Editorial Board. 2012~
2. Periodica Polytechnica Series Transportation Engineering, member of the scientific board. 2013~
3. Journal of Hotel & Business Management, member of the scientific board. 2013~
4. Yıldız Social Science Review, member of the scientific board. 2015~

Conference Organization Committee Member

1. The member of The 5th International Conference on Advanced Management Science (ICAMS 2013) Organization Committee.
2. The 2014 Annual Meeting of the Operations Research Society of Taiwan, the Joint Conference of Operations Research and Maritime Logistics (ORML 2014) ,Organizing Committee.
3. 2015 The first. Annual International Conference on Social Sciences (AICSS) Organization Committee. May 21-23, 2015, Economic and Administrative Sciences of Yıldız Technical University.
4. Advisory Board & Scientific Committee of 1st and 2nd Annual International Conference on Social Sciences (AICSS), Yıldız Technical University, Turkey.
5. Taiwan Scientific Committee of Data Envelopment Analysis International Conference 2017 (DEAIC2017) joint Conference with Taiwan Productivity Workshop, Hefei University of Technology (HFUT), China.
6. Scientific Committee of the 15th International Conference on Data Envelopment Analysis (DEA2017), University of Economics, Prague in the Czech Republic, on June 26 to 29, 2017.
7. Scientific Committee and Organizing Committee of Data Envelopment Analysis International Conference 2018 (DEAIC2018), Ming Chuan University, Taiwan.

Referee:

Advances in Mechanical Engineering
Agricultural Economics
Alexandria Engineering Journal
Annals of Operations Research
Annals of Tourism Research
Applied Economics
Applied Mathematical Modelling
Applied Mathematics & Information Sciences
Applied Mathematics and Computation
Asia Pacific Journal of Management
Asia Pacific Management Review
Asian Journal of Industrial and Systems Engineering.
Asian Journal of Shipping & Logistics
Asia-Pacific Journal of Operational Research
Central European Journal of Operations Research
China Journal of Transport Geography
Complexity
Cornell Hospitality Quarterly
Current Issues in Tourism
Economics Research International
Emerging Markets Finance and Trade
European Journal of Industrial Engineering

European Journal of Operational Research.
European Journal of Transport and Infrastructure Research
Expert Systems
Global Economic Review: Perspectives on East Asian Economies and Industries
Growth and Change: A Journal of Urban and Regional Policy
IMA Journal of Management Mathematics
INFOR: Information Systems and Operational Research
Information Sciences
International Journal of Applied Decision Sciences
International Journal of Computer Mathematics
International Journal of Hospitality Management
International Journal of Information Technology & Decision Making
International Journal of Operations Research
International Journal of Production Economics
International Journal of Shipping & Transport Logistics
International Journal of Sustainable Transportation
International Journal of Tourism Research
International Review of Economics & Finance
International Transactions in Operational Research
Jordan Journal of Mathematics and Statistics
Journal Central European Journal of Operations Research
Journal Modern Traffic and Transportation Engineering Research
Journal of Advanced Transportation.
Journal of Applied Decision Sciences
Journal of China Tourism Research
Journal of Cleaner Production
Journal of Environmental Management
Journal of Industrial and Production Engineering
Journal of Marine Science and Technology
Journal of Optimization Theory and Applications.
Journal of Productivity Analysis
Journal of the Operational Research Society
Journal of the Transportation Research Board
Journal of Transport Geography
Knowledge-Based Systems
Maritime Policy & Management
Mathematical and Computer Modelling
Mathematical Problems in Engineering
Omega: The International Journal of Management Science
Operational Research: An International Journal
OPSEARCH
Pacific Economic Review
RAIRO - Operations Research
Socio-Economic Planning Sciences
Spanish Journal of Finance and Accounting
Sustainable Cities and Society
Technology Analysis & Strategic Management.
The International Journal of Health Planning and Management
The International Journal of Logistics Management
The Service Industries Journal
Tourism Management

Transport
Transport Policy
Transportation Planning and Technology
Transportation Research B
Transportation Research Part A: Policy and Practice
Transportation Research Part D: Transport and Environment
Transportation Research Part E: Logistics and Transportation Review
Transportation Research Record
Transportation Science
Transportmetrica A: Transport Science

Awards and Scholarships

1. ROC National Science Council R&D national research grants (2002~2019)
2. Short-term Visiting Program for Domestic Scholars in Academia Sinica, Taiwan (7/1/2009~9/16/2009, 7/1/2015~9/15/2015)
3. The Fulbright Visiting Scholars, the Fulbright Scholar Program Advanced Research and University Lecturing Awards in the United States (8/1/2010~7/31/2011)
4. Grants for Short-term Abroad Research Program in Penn state university from National Science Council of Taiwan (NSC) (8/1/2010~7/31/2011)
5. National Science Council of Taiwan (NSC) Special Outstanding Talent Award (2010-2019)
6. Grants for Short-term Abroad Research Program in Osaka university form the Interchange Association, Japan (7/1/2012~8/15/2012)
7. Best Reviewer Award of OMEGA. The International Journal of Management Science (2012)
8. Theses Supervision Award from Taiwan Association of Efficiency and Productivity Award (2011,2014)
9. Award for distinguished professor, National Taiwan Ocean University (2014)
10. Advisor for Students Awards from National Taiwan Ocean University (2014)
11. Excellent Paper Award from China Maritime Institute (2015)
12. Research Creativity Award from the Ministry of Science and Technology (2016)
13. Outstanding Research Award of National Taiwan Ocean University (2016, 2017 and 2018)
14. Evaluating the performance of Chinese airports, published in 2013 is one of the 5 most highly cited papers during 2014, 2015 and up until June 2016 in Journal of Air Transport Management.
15. Advisor for Students Awards from Directorate General of Highways, Ministry of Transportation and Communications , Taiwan (2017)
16. The Best Paper Award from 2018 Innovation Management Conference of Shipping, Transportation and Logistics.
17. Advisor for Students Awards from Directorate General of Highways, Ministry of Transportation and Communications , Taiwan (2018)
18. Certificate of Outstanding Contribution in Reviewing, OMEGA. The International Journal of Management Science, Elsevier, 2018.
19. "Efficiency of Tax Collection and Tax Management in Taiwan's Local Tax Offices, 22(4), 620-648 (October 2017)", published in Pacific Economic Review, is one of the journal's top downloaded article 2017-2018.

Community service

1. Taiwan Offshore Shipping Operational Subsidy Committee. Member, 2007 to 2019.
2. Taiwan Senior, Junior and Elementary-level Examinations Setting, Supervision and Conduct Committees, Member, 2008, 2012, 2014, 2016.

