

# Song, Yu



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## Academic Qualifications

2003-2006 **Doctor of Philosophy:** Deakin University, Australia/ Construction Management and Economics;  
2001-2003 **Master:** Deakin University, Australia/ Commerce;  
1989-1993 **Bachelor:** Wuhan University (985), China/ Economics.

## Working Experiences

2010.7-Present **Associate Professor**/Macau University of Science and Technology;  
2019.6-2019.7 **Visiting Scholar**/University of Coimbra, Portugal;  
2018.6-2018.7 **Visiting Scholar**/University of Cambridge, United Kingdom;  
2008.9-2010.6 **Assistant Professor**/Macau University of Science and Technology;  
2006.7-2008.8 **Associate Professor**/Zhongnan University of Economics and Law (211), China;  
2006.1-2006.6 **Research Fellow**/Deakin University, Australia;  
1993.6-2001.1 **Officer**/Bank of China, China.

## Teaching Activities

Urban Economics; Real Estate Economics; Research Method; Investment; Fixed Income Securities; Finance; Corporate Finance.

## Research Interests

Regional Economics; Energy Economics; Banking and Finance.

## Selected Publications

### Journal Articles

1. Liu, Y., & Song, Y.\* (2024). Does artificial ecosystem recharge make sense? Based on the coupled water orbit research framework. *Ecological Indicators*, 166, 112496. (SCIE, 2023 ; JCR Q1; Ranking: 93.18% in Environmental Sciences; IF=7.0 TOP)
2. Li, X., Li, Y., & Song, Y.\* (2024). Labor linkages and flow paths of industry in China. *Heliyon*, 10(9), e30118. (SCIE, 2023 ; JCR Q1; Ranking:79.5% in Multidisciplinary Sciences; IF=3.4)
3. Chen, Z., Song, Y.\*, Li, Y., & Li, Z. (2023). Assessing the contaminant reduction effects of COVID-19 pandemic in China, *Journal of Cleaner Production*, 424, 138887. (SCIE, 2022 ; JCR Q1; Ranking: 8.03% in Environmental Sciences; IF=11.1, TOP)
4. Chen, S., Song, Y.\*, & Gao, P. (2023). Environmental, social, and governance (ESG) performance and financial outcomes: Analyzing the impact of ESG on financial performance, *Journal of Environmental Management*, 345, 118829. (SCIE, 2022; JCR Q1; Ranking: 90.6% in Environmental Sciences; IF=8.7 TOP)
5. Li, Z., Lin, Y., Song, Y.\*, & Li, Z. (2023). Linkages and flow paths of energy consumption: Evidence from China's sectors. *Energy Reports*, 9, 4594-4603. (SCIE, 2023; JCR Q2; Ranking: 55% in Energy & Fuels; IF:4.937)
6. Wen, W., Li, Y., & Song, Y. \* (2022). Assessing the “negative effect” and “positive effect” of COVID-19 in China. *Journal of Cleaner Production*, 375, 134080. (SCIE, 2021; JCR Q1; ABDC A; Ranking: 8.6% in Environmental Sciences; IF: 11.072, TOP)
7. Li, Z., Li, Z., & Song, Y.\* (2022). Identification of key provinces and sectors for energy conservation in China: Linkage analyses based on the modified hypothetical extraction method. *Energy Strategy Reviews*, 44, 100998. (SCIE, 2021; JCR Q1; Ranking: 15.9% in Energy & Fuels; IF: 10.01 TOP)
8. Li, Z., & Song, Y.\* (2022). Energy consumption linkages of the Chinese construction sector. *Energies*, 15(5), 1761. (SCIE, 2021; JCR Q3; Ranking: 67.2% in Energy & Fuels; IF: 3.252)
9. Hou, Z., Song, Y.\*, & Xin, W. (2022). COVID-19 shocks, monetary policy, and real estate price volatility: Analysis based on a dynamic stochastic general equilibrium perspective. *Scientific Programming*, 2022, 7625465. (SCIE, 2021; Ranking: 70.9% in Computer Science, Software Engineering; IF: 1.672)
10. Bai, Y., & Song, Y.\* (2022). CNS: Research on regional evaluation and distribution characteristics of enterprise technological innovation capability based on internet of things and big data. *International Journal of Cooperative Information Systems*, 2022, 2150004. (SCIE, 2021; Ranking: 98.2% in Computer Science, Information Systems; IF: 0.563)
11. Li, Z., Song, Y.\*, & LI, Z. (2022). Linkage analysis of FDI utilization based on hypothetical extraction method. *Technoeconomic & Management Research*, 05, 3-9.
12. Song, Y., & LI, Y. (2021). Measurement of linkages loss in China under COVID-19 epidemic. *Journal of Industrial Technological Economics*, 40(07), 150-160. (CSSCI)
13. Li, Z., Song, Y.\*, & Li, Y. (2021). Energy consumption linkage of construction industry in China based on hypothetical extraction method. *Ecological Economy*, 37(11), 78-85.
14. Deng, W., & Song, Y. (2020). Evaluation on economic growth effect of regional cooperation. *East China Economic Management*, 34(08), 64-75. (CSSCI)
15. Deng, W., Song, Y., & Chen, X. (2019). Evaluation on the economic growth effect of the underdeveloped areas in Yangtze River Delta driving by regional integration —Empirical study based on DID model. *East China Economic Management*, 33(07), 14-20. (CSSCI)
16. Sun, Z., Song, Y.\*, & Lai, I. K. (2017). Assessing the impacts of labor force sustainability in terms of population ageing on the economic sustainability. *Sustainable Business, Management, and Economics*, 68.
17. Liu, J., & Song, Y.\* (2017). The research on coupling coordination of Macao tourism, socioeconomic factors and ecological environment. *Journal of Macau University of Science and Technology*, 11(1&2), 91-99.

18. Sun, Z., & **Song, Y.\*** (2016). The effect of demographic structure to China's investment: An dynamic analysis based on provincial panel data. *Journal of Macau University of Science and Technology*, 10(2), 40-49.
19. Li, W., **Song, Y.\***, & Chen, S. (2015). The empirical analysis of the relationship between Chinese real estate prices and air pollution index. *Journal of Macau University of Science and Technology*, 9(2), 68-81.
20. Li, C., & **Song, Y.\*** (2014). EMD-based event analysis of extreme events on silver price. *Information*, 17(2), 477. (*SCI*)
21. Chen, S., **Song, Y.\***, & Sun, Y. (2014). Constructing of environmental total factor construction materials productivity measurement model of EU building industry. *Journal of Macau University of Science and Technology*, 8(2), 89-98.
22. Chen, S., **Song, Y.\***, & Zheng, F. (2014). The Chinese city productivity of biophysical perspective: Based on the malmquist-luenberger analysis. *Journal of Macau University of Science and Technology*, 8(1), 67-76.
23. **Song, Y.**, & Li, Q. (2013). Environmental productivity growth in Chinese construction industry. *Advanced Materials Research*, 664, 19-22.
24. Lee, J., & **Song, Y.\*** (2012). The study of the relationships of Macau real estate prices and macroeconomy. *Journal of Macau University of Science and Technology*, 6(1), 27-34.
25. Wu, I., **Song, Y.\***, & Yi, F. (2011). A study of the impact of China's real estate related policy on h share stock price. *Journal of Macau University of Science and Technology*, 5(2), 61-68.
26. Wei, L., **Song, Y.\***, & Liu, C. (2010). An event study of the effects of government relative policies on the Chinese real estate market. *Journal of Macau University of Science and Technology*, 4(2), 82-92.
27. **Song, Y.**, & Yi, F. (2009). Quality and technology levels analysis of Chinese construction material exports using the gravity model. *Information*, 12(6), 1217-1225. (*SCI*)
28. **Song, Y.**, Liu, C., & Langston, C. (2008). Exploring intersectoral linkages between real estate and construction. *International Journal of Construction Management*, 8(1), 73-85.
29. Li, Y., **Song, Y.\***, & Liu, C. (2008). Exploring the increasing role of the real estate sector in the Chinese economy: 1997–2002. *Pacific Rim Property Research Journal*, 14(3), 279-297. (*ABDC C*)
30. Langston, C., **Song, Y.**, & Purdey, B. (2008). Perceived conditions of workers in different organizational settings. *Facilities*, 26(1/2), 54-67. (*ABDC B*)
31. **Song, Y.**, Liu, C., & Langston, C. (2007). Extending construction linkage measures by the consideration of the impact of capital. *Construction Management and Economics*, 24(11), 1207-1216. (*ABDC A*)
32. **Song, Y.**, & Liu, C. (2007). An input–output approach for measuring real estate sector linkages. *Journal of Property Research*, 24(1), 71-91. (*ABDC B*)
33. **Song, Y.**, Liu, C., & Langston, C. (2006). Linkage measures of the construction sector using the hypothetical extraction method. *Construction Management and Economics*, 24(6), 579-589. (*ABDC A*)
34. **Song, Y.**, Liu, C., & Langston, C. (2006). Linkage measures of the real estate sector considering the effect of capital. *International Journal of Strategic Property Management*, 10(3), 131-143. (*SSCI; ABDC B*)
35. **Song, Y.**, & Liu, C. (2006). The Australian construction linkages in the 1990s. *Architectural Science Review*, 49(4), 408-417.
36. **Song, Y.**, Liu, C., & Langston, C. (2005). A linkage measure framework for the real estate sector. *International Journal of Strategic Property Management*, 9(3), 121-143. (*SSCI; ABDC B*)
37. **Song, Y.**, & Liu, C. (2005). Economic performance analysis of the Australian property sector using input-output tables. *Pacific Rim Property Research Journal*, 11(4), 412-425. (*ABDC C*)
38. Liu, C., **Song, Y.**, & Langston, C. (2005). Economic indicator comparisons of international real estate sectors using the OECD input-output database. *International Journal of Construction Management*, 5(1), 59-75.
39. Liu, C., & **Song, Y.** (2005). Multifactor productivity measures of construction sectors using OECD input-output database. *Journal of Construction Research*, 6(02), 209-222. . (*ABDC C*)
40. Liu, C., & **Song, Y.** (2004). Comparison of multifactor productivity indicators for real estate sectors using the OECD input-output database. *Pacific Rim Property Research Journal*, 10(4), 487-508. (*ABDC C*)

\* Corresponding author

## **Book**

- **Song, Y.** (2007). *An input-output based linkage measure framework*: Hubei People's Press.

## **Awards**

- 2010: "Excellent Teaching Award" of Macau University of Science and Technology

## **Other Professional Activities**

1. Member of the examination committee of MSB
2. Reviewers for journals such as *Cities* (Q1), *Financial Innovation* (Q1), *Construction Management and economics* (ABDC A), *American Journal of Climate Change* (SCI), and *Journal of Macau University of Science and Technology*, etc.
3. Served as an off-campus doctoral supervisor at Deakin University in Australia.
4. Serving as an external doctoral reviewer of City University of Macau.
5. Serving as a director of the Macao Political and Economic Research Association and a member of several professional associations.