

# 宋宇



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學院： 商學院  
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## 教育背景

2003-2006 博士: 迪肯大學, 澳大利亞; 建築管理;  
2001-2003 碩士: 迪肯大學, 澳大利亞; 商學、工商管理;  
1989-1993 學士: 武漢大學; 經濟學

## 工作經驗

2008.9-至今 助理教授/副教授/教授/澳門科技大學, 中國澳門;  
2024.7-至今 助理所長/澳門科技大學發展經濟學研究所;  
2019.6-2019.7 訪問學者/科英布拉大學, 葡萄牙;  
2018.6-2018.7 訪問學者/劍橋大學, 英國;  
2006.7-2008.8 副教授/中南財經政法大學, 中國;  
2006.1-2006.6 研究員/迪肯大學, 澳大利亞。

## 教學活動

城市與區域經濟學; 房地產經濟學; 投資學; 國際經濟學; 公司金融

## 研究領域

城市與區域經濟; 能源與低碳經濟; 水資源與污染; 銀行與金融

## 學術成果

### Selected Papers

1. Chen, Z. & Song, Y.\* (2026). The potential impact of artificial intelligence on CO2 emissions: A comparison between China and the US. *Technology in Society*, 85, 103233. (SSCI, 2025; JCR Q1; IF:12.5 **TOP**) DOI: <https://doi.org/10.1016/j.techsoc.2026.103233>
2. Liu, Y. & Song, Y.\* (2025). A novel multi-dimensional water transfer analysis framework. *Journal of Hydrology: Regional Studies*, 62, 102905. (SCIE, 2025; JCR Q1; IF:4.7 **TOP**) DOI: <https://doi.org/10.1016/j.ejrh.2025.102905>

3. Wan, Y. & **Song, Y.\*** (2025). Linkage and structural path analysis of green investment utilization in China. *Applied Economics*, September, 1–17. (SSCI, 2025; JCR Q2; IF:2.1) **DOI:** <https://doi.org/10.1080/00036846.2025.2567573>
4. Shi, D. & **Song, Y.\*** (2025). Fostering sustainable inter-sectoral linkages and pathways through ESG performance: a novel integrated input–output analysis. *Environment, Development and Sustainability*, 2025. (SCIE, 2025; JCR Q2; IF:4.2) **DOI:** <https://doi.org/10.1007/s10668-025-07056-9>
5. Lao, S. & **Song, Y.\*** (2025). How humid heat weather affects the ESG performance of manufacturing enterprises? *Journal of Cleaner Production*, 522, 146349. (SCIE, 2025; JCR Q1; IF:10.0 **TOP**) **DOI:** <https://doi.org/10.1016/j.jclepro.2025.146349>
6. Li, X. & **Song, Y.\*** (2025). What role does agriculture play in irrigation water footprint consumption? A perspective based on sectoral linkage and structural path. *Journal of Hydrology: Regional Studies*, 59, 102378. (SCIE, 2025; JCR Q1; IF:4.7 **TOP**) **DOI:** <https://doi.org/10.1016/j.ejrh.2025.102378>
7. Li, X. & **Song, Y.\*** (2025). A novel assessment framework for colored-water footprint inequality in China. *Ecological Indicators*, 173, 113350. (SCIE, 2025; JCR Q1; IF:7.0, **TOP**) **DOI:** <https://doi.org/10.1016/j.ecolind.2025.113350>
8. Chen, Z. & **Song, Y.\*** (2025). A new structural analysis framework of energy consumption in China. *Journal of Cleaner Production*, 2024, 144464. (SCIE, 2023; JCR Q1; ABDC A; IF:9.7, **TOP**) **DOI:** <https://doi.org/10.1016/j.jclepro.2024.144464>
9. 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; IF=7.0 **TOP**) **DOI:** <https://doi.org/10.1016/j.ecolind.2024.112496>
10. 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, 2023; JCR Q1; IF=9.71, **TOP**) **DOI:** <https://doi.org/10.1016/j.jclepro.2023.138887>
11. 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; IF=8.7 **TOP**) **DOI:** <https://doi.org/10.1016/j.jenvman.2023.118829>
12. 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; IF: 11.072, **TOP**) **DOI:** <https://doi.org/10.1016/j.jclepro.2022.134080>
13. 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; IF: 10.010 **TOP**) **DOI:** <https://doi.org/10.1016/j.esr.2022.100998>
14. **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)
15. Deng, W. & **Song, Y.** (2020). Evaluation on economic growth effect of regional cooperation. *East China Economic Management*, 34(08), 64-75. (CSSCI)
16. 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)

\* Corresponding author  
其他專業資格 / 活動

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)
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.

## 獎項

- 2024-2025 Highest Q1 Journal Paper Output Award
- 2010: “Excellent Teaching Award” of Macau University of Science and Technology