

Shaohua SONG



Title: Assistant Professor
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Academic Qualification

2019-2023 Ph.D.: Beijing Jiaotong University, Logistics Management and Engineering;
2017-2019 Master: Beijing Jiaotong University, Logistics Management and Engineering;
2013-2017 BS: Beijing Jiaotong University, Logistics Management.

Working Experience

2023-Present Assistant Professor / Macau University of Science and Technology

Teaching Activities

3D Simulation and Applications in Supply Chains, Business Statistics, Managerial Decision Methods, Data Driven Approaches and Applications, Management Information Systems

Research Areas

Omni-channel retail operations, Digital supply chain, Supply chain resilience, Sustainable supply chain

Publications

Zheng, L., Song, G., **Song, S.***, Huang, N., & Cheng, T. C. E. (2025). How do talent and technology factors affect supply chain robustness and resilience? Evidence from Chinese manufacturers. *Industrial Management & Data Systems*, 125(3), 899-920. [SCI, JCR Q1]

- Song, S.**, Tappia, E., Song, G.*, Shi, X., & Cheng, T. C. E. (2024). Fostering supply chain resilience for omni-channel retailers: A two-phase approach for supplier selection and demand allocation under disruption risks. *Expert Systems with Applications*, 239, 122368. [SCI, JCR Q1]
- Song, S.**, Shi, X., Tappia, E., Song, G.*, Melacini, M., & Cheng, T. C. E. (2024). Why does omni-channel allow retailers to foster supply chain resilience? Evidence from sequential mixed methods research. *International Journal of Logistics Research and Applications*, 27(9), 1505-1528. [SSCI, JCR Q2]
- Song, S.**, Shi, X., Song, G.*, & Huq, F. A. (2021). Linking digitalization and human capital to shape supply chain integration in omni-channel retailing. *Industrial Management & Data Systems*, 121(11), 2298-2317. [SCI, JCR Q1]
- Song, G., & **Song, S.*** (2021). Fostering supply chain integration in omni-channel retailing through human resource factors: empirical study in China's market. *International Journal of Logistics Research and Applications*, 24(1), 1-22. [SSCI, JCR Q2]
- Shi, X., Li, J., Huang, A.*, **Song, S.**, & Yang, Z. (2021). Assessing the outbreak risk of epidemics using fuzzy evidential reasoning. *Risk Analysis*, 41(11), 2046-2064. [SCI, JCR Q1]
- Song, S.**, Shi, X., & Song, G.* (2020). Supply chain integration in omni-channel retailing: a human resource management perspective. *International Journal of Physical Distribution & Logistics Management*, 50(1), 101-121. [SSCI, JCR Q1]
- Song, G., **Song, S.***, & Sun, L. (2019). Supply chain integration in omni-channel retailing: a logistics perspective. *The International Journal of Logistics Management*, 30(2), 527-548. [SSCI, JCR Q2]
- Song, G., **Song, S.***, & Shi, X. (2023). Driving mechanism and performance impact of digitalization on omni-channel supply chain integration: from supply chain practice view perspective. *Journal of Beijing Jiaotong University (Social Sciences Edition)*, 22(4), 126-136. (In Chinese) [CSSCI Extended]
- Song, G., Wang, Y., **Song, S.***, & Shi, X. (2019). The relationship between supply chain integration and firm performance in omni-channel retailing. *Management Review*, 31(6), 238-246. (In Chinese) [CSSCI]

Note: * Corresponding author.

Other Professional Activities/Honors/Awards

Research project:

2025-2026 Facing competitive and risky environment: values of omnichannel strategies.

PI, FRG

2024-2025 Optimal sourcing strategy when balancing supply chain resilience and sustainability. Principal Investigator. PI, FRG.

Reviewer for:

Journal of Business Ethics

Journal of Business Research

Annals of Operations Research

Computers & Industrial Engineering

International Journal of Physical Distribution & Logistics Management

Electronic Commerce Research and Applications

Asia-Pacific Journal of Operational Research

Session Chair:

Chaired a Parallel Session on AI Integration for Operational Efficiency in the 15th POMS-HK International Conference held at The Chinese University of Hong Kong (2025).

Honors/Awards:

2021-2022 Politecnico di Milano, Department of Management, Economics and Industrial Engineering, Joint PhD student (China Scholarship Council)

2022 National Scholarship for Doctoral Students

2018 National Scholarship for Postgraduate Students

2017 Outstanding Graduate of Beijing