

Chunming Shi(Victor)



Washington State University, Ph.D. in Operations Management

Research Interests

Management Science, Low-Carbon Operations, Big Data and Intelligent Decision-Making, Supply Chain Management, Operations Management

Education Background

National University of Singapore, Master of Engineering; University of Science and Technology of China, Double Bachelor Degrees in Engineering and Business Administration

Academic Positions & Professional Titles

Full Professor (with tenure) of Management Science, Lazaridis School of Business and Economics, Wilfrid Laurier University, 2022.07 – Present

Associate Professor (with tenure) of Management Science, Lazaridis School of Business and Economics, Wilfrid Laurier University, 2012.07 – 2022.06

Director, Centre for Supply Chain Management, Lazaridis School of Business and Economics, Wilfrid Laurier University, 2012.08 – 2013.07

Assistant Professor of Management Science, Lazaridis School of Business and Economics, Wilfrid Laurier University, 2007.07 – 2012.06

Academic Honors & Awards

Best Paper Award, Frontiers of Engineering Management, 2023

Best Paper Award (Management Science Division), Administrative Sciences Association of Canada Annual Conference, 2023

Highly Commended Paper Award, Emerald Publishing Limited, 2020

Wilfrid Laurier University Merit Award, 2017

Honourable Mention Award, Administrative Sciences Association of Canada (ASAC) Conference, 2017

Best Paper Award, Administrative Sciences Association of Canada

Representative Publications

- Shi, Y., Li, X., Gong, Y., Venkatesh, V.G., Cao, C., Koh, L., & Shi, V. (2025). “Carbon trade finance: a perspective of supply chain management,” *International Journal of Production Research*, pp. 1-3.
- Yu, J., Zhang, X., Li, J., & Shi, V. (2025). “Building Resilient Water Supply Systems Through Economic Instruments: Evidence from a Water Resource Fee-to-Tax Reform,”

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- Li, Z., Lyu, R., Shi, V., & Chai, J. (2025). "Optimal production strategies for manufacturer with renewable energy supply fluctuations and financial risk mitigation," *International Journal of Production Research*, pp. 1-21.
- Zhou, W., Espahbod, S., Shi, V., & Nketiah, E. (2025). "Understanding Consumers' Adoption Behavior of Driverless Delivery Vehicles: Insights from the Combined Use of NCA and PLS-SEM," *Sustainability*, Vol. 17, No. 13, p. 5730.
- Xia, X., Huang, Z., Shi, V., & Zhao, S. (2025). "Progressive carbon tax and carbon emission reduction technology advancement in outsourced low-carbon supply chains," *Computers & Industrial Engineering*, p. 111307.
- Li, J., Liang, J., Shi, V., & Zhu, J. (2025). "The benefit of manufacturer encroachment considering consumer's environmental awareness and product competition," *Annals of Operations Research*, Vol. 349, No. 2, pp. 1087-1107.
- Zhang, Y., Heydari, M., Kezhong, J., & Shi, V. (2025). "Unveiling the Social Fabric: The Impact of China's Rural Subsistence Allowance System on Community Isolation," *The Journal of Development Studies*, Vol. 61, No. 4, pp. 536-555.
- Li, J., Chen, Y., Liao, Y., Shi, V., & Zhang, H. (2025). "Managing strategic inventories in a three-echelon supply chain of durable goods," *Omega*, Vol. 131, p. 103204.
- Wang, J., Shi, Y., Shi, V., & Venkatesh, V.G. (2024). "Should we keep the tradition or follow the trend? The optimal live-streaming e-commerce mode selection in a sustainable and circular supply chain under competition," *Annals of Operations Research*, pp. 1-29.
- Zhang, X., Deng, G., Nketiah, E., & Shi, V. (2024). "Enhancing Recycling Participation: Behavior Factors Influencing Residents' Adoption of Recycling Vending Machines," *Behavioral Sciences*, Vol. 14, No. 11, p. 1071.
- Cai, H.H., Abbass, K., Lu, Q., & Shi, V. (2024). "Probing the CSR-pro-environmental behavior linkage: Insights into green reputation and chief sustainability officer influence," *Journal of Environmental Management*, Vol. 369, p. 122300.
- Lu, Q., Liao, C., Shi, V., & Xu, Z. (2024). "Implementation mode selection for blockchain technology in green product traceability," *International Journal of Production Economics*, Vol. 276, p. 109372.
- Li, J., Wang, H., Shi, V., & Sun, Q. (2024). "Manufacturer's choice of online selling format in a dual-channel supply chain with green products," *European Journal of Operational Research*, Vol. 318, No. 1, pp. 131-142.
- Huang, X., Guo, P., Shi, V., & Wang, X. (2024). "Government subsidy design: knowledge transfer in R&D networks considering risk attitudes and reputation effects," *International Journal of General Systems*, Vol. 53, No. 6, pp. 730-754.
- Wang, W., Li, L., Shi, V., & Espahbod, S. (2024). "Carbon emission accounting and reduction for buildings based on a life cycle assessment: a case study in China's hot-summer and warm-winter region," *Sustainability*, Vol. 16, No. 14, p. 5842.
- Lu, Q., Liao, C., Chen, M., Shi, V., Hu, X., & Hu, W. (2024). "Platform financing or bank financing in agricultural supply chains: The impact of platform digital empowerment," *European Journal of Operational Research*, Vol. 315, No. 3, pp. 952-964.
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