

Xue Zhao



Title : Assistant Professor
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Academic Qualification

2019-2024 Ph.D.:The Hong Kong Polytechnic University; Operations Management;
2016-2019 Master: Tianjin University, Management Science and Engineering;
2012-2016 BS/BA: Tianjin University, Construction Management.

Working Experience

2025-Present Assistant Professor / Macau University of Science and Technology

Teaching Activities

MBGZ06 Business Optimization Theory
BBAZ16014 Operations Management
MBGZ14 Supply Chain and Enterprise Resource Planning
BBAZ16604 Enterprise Resource Planning

Research Areas

Operations Management, Supply Chain Management, OM-Marketing Interface, Service Operations Management, Optimization.

Selected Publications

1. Zhou, Y., Zhao, X. *, Liu, S., & Tao, F. (2026). Impact of return shipping insurance in live-streaming retailing. *International Journal of Production Economics*, 110148. (ABS 3*, SCI Q1)
2. Chen, Y., Sun, B., Shen, Y., Liu, B., & Zhao, X. (2026). A bi-level optimization model for operating shared electric bus charging stations with dual-user queuing systems. *Decision Sciences*. (ABS 3*, SCI Q1)
3. Ma, X., Zhao, X. *, Guo, P. (2022). Cope with the COVID-19 Pandemic: Dynamic Bed Allocation and Patient Subsidization in a Public Healthcare System. *International Journal of Production Economics*, 243, 108320. (ABS 3*, SCI Q1)
4. Liu, B., Sheu, J. B. *, Zhao, X., Chen, Y., Zhang, W. (2020). Decision Making on Post-disaster Rescue Routing Problems from the Rescue Efficiency Perspective. *European Journal of Operational Research*, 286(1), 321-335. (ABS 4*, SCI Q1)
5. Zhao, X., Tan, Y. *, Shen, L., Zhang, G., Wang, J. (2019). Case-based Reasoning Approach for Supporting Building Green Retrofit Decisions. *Building and Environment*, 160, 106210. (SCI Q1)
6. Liu, B., Zhao, X., Li, Y. * (2016). Review and Prospect of Studies on Emergency Management. *Procedia Engineering*, 145, 1501-1508.

Selected Working Papers

1. Channel Competition with Negative Social Interactions. With Xiaomeng Guo and Guang Xiao.
2. Managing Returns in Livestream Shopping. With Xin Geng, Xiaomeng Guo and Guang Xiao.
3. Optimal Use of Antibiotics Considering Patients' Choice. With Pengfei Guo and Yulan Wang.

Research Projects

1. Managing Returns in Livestream Shopping, Principal Investigator, Faculty Research Grant, Macau University of Science and Technology, 2025-2026.
2. Pricing Strategies for AI-Powered Healthcare Products, Co-Principal Investigator, General Program Project, National Natural Science Foundation of China (NSFC), 2026-2029.

Services

- 1.Session chair for international conferences, e.g., 2026 POMS-HK, 2026 POMS China, 2026 APMA.
- 2.Reviewer of top-tier journals, e.g., Decision Sciences, Omega, TRE, IEEE-TEM.

Honors/Awards

Postgraduate Scholarship in PolyU	2019-2024
Best Student Paper Outstanding Presentation Award in LMS Research Postgraduate Student Symposium	2022
First-class Scholarship for Postgraduate Student in Tianjin University	2016, 2017
Distinguished Graduate in Tianjin University	2016